

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072744.D
 Acq On : 02 May 2022 12:09
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: May 03 08:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:04:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	318198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	522740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81812	19.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.620%#		
35) Dibromofluoromethane	7.908	113	74613	19.481	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.960%#		
50) Toluene-d8	10.332	98	275925	20.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.160%#		
62) 4-Bromofluorobenzene	12.620	95	100478	19.614	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	83399	18.967	ug/l	99
3) Chloromethane	2.209	50	87496	19.134	ug/l	93
4) Vinyl Chloride	2.350	62	75079	18.298	ug/l	95
5) Bromomethane	2.750	94	50168	18.220	ug/l	91
6) Chloroethane	2.914	64	48367	18.913	ug/l	99
7) Trichlorofluoromethane	3.267	101	136116	18.944	ug/l	97
8) Diethyl Ether	3.708	74	37934	18.415	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	81427	19.089	ug/l	97
10) Methyl Iodide	4.303	142	78153	18.256	ug/l	98
11) Tert butyl alcohol	5.208	59	44459	122.126	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	72184	18.813	ug/l	93
13) Acrolein	3.926	56	30506	105.377	ug/l	98
14) Allyl chloride	4.708	41	114632	18.505	ug/l	92
15) Acrylonitrile	5.414	53	93493	95.502	ug/l	95
16) Acetone	4.156	43	73091	84.698	ug/l	98
17) Carbon Disulfide	4.408	76	224926	18.644	ug/l	98
18) Methyl Acetate	4.714	43	47088	19.311	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	171375	18.632	ug/l	98
20) Methylene Chloride	4.955	84	119451	18.690	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	85720	19.480	ug/l	90
22) Diisopropyl ether	6.361	45	266954	19.590	ug/l	96
23) Vinyl Acetate	6.302	43	715795	95.089	ug/l	97
24) 1,1-Dichloroethane	6.255	63	155177	18.954	ug/l	98
25) 2-Butanone	7.208	43	108958	90.535	ug/l #	88
26) 2,2-Dichloropropane	7.202	77	129664	18.734	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	96388	19.125	ug/l	93
28) Bromochloromethane	7.544	49	56356	18.459	ug/l	88
29) Tetrahydrofuran	7.561	42	72101	93.991	ug/l	92
30) Chloroform	7.702	83	164667	19.009	ug/l	98
31) Cyclohexane	7.979	56	134249	18.593	ug/l	85
32) 1,1,1-Trichloroethane	7.902	97	138362	18.741	ug/l	98
36) 1,1-Dichloropropene	8.108	75	119952	19.261	ug/l	97
37) Ethyl Acetate	7.291	43	54210	18.936	ug/l #	91
38) Carbon Tetrachloride	8.091	117	122247	18.910	ug/l	97
39) Methylcyclohexane	9.349	83	131722	18.235	ug/l	94
40) Benzene	8.344	78	341357	18.981	ug/l	98

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Instrument :
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 ClientSampleId :
 VSTDICC020

Manual Integrations
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Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 08:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:04:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	33777m	20.652	ug/l	
42) 1,2-Dichloroethane	8.420	62	104406	19.265	ug/l	97
43) Isopropyl Acetate	8.444	43	98676	18.674	ug/l	92
44) Trichloroethene	9.108	130	93112	19.352	ug/l	92
45) 1,2-Dichloropropane	9.379	63	90115	19.080	ug/l	96
46) Dibromomethane	9.467	93	49880	19.146	ug/l	99
47) Bromodichloromethane	9.655	83	130318	19.444	ug/l	94
48) Methyl methacrylate	9.449	41	44589	17.249	ug/l #	80
49) 1,4-Dioxane	9.455	88	10516	358.442	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	258953	94.310	ug/l	94
52) Toluene	10.396	92	213008	18.987	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	118156	19.193	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	141603	19.798	ug/l #	87
55) 1,1,2-Trichloroethane	10.790	97	69473	19.725	ug/l	96
56) Ethyl methacrylate	10.655	69	76327	18.406	ug/l	94
57) 1,3-Dichloropropane	10.938	76	117735	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	173713	86.401	ug/l	98
59) 2-Hexanone	10.973	43	173322	93.810	ug/l	98
60) Dibromochloromethane	11.132	129	85608	19.308	ug/l	99
61) 1,2-Dibromoethane	11.238	107	66019	19.258	ug/l	99
64) Tetrachloroethene	10.867	164	76501	20.017	ug/l	98
65) Chlorobenzene	11.661	112	236905	19.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	89662	19.733	ug/l	98
67) Ethyl Benzene	11.737	91	409353	19.563	ug/l	99
68) m/p-Xylenes	11.843	106	323246	40.104	ug/l	99
69) o-Xylene	12.173	106	146025	19.399	ug/l	97
70) Styrene	12.185	104	260022	19.937	ug/l	99
71) Bromoform	12.349	173	48013	19.497	ug/l #	97
73) Isopropylbenzene	12.467	105	391645	19.530	ug/l	99
74) N-amyl acetate	12.279	43	93526	18.728	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	79790	19.711	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	57205m	20.550	ug/l	
77) Bromobenzene	12.749	156	91064	19.123	ug/l	98
78) n-propylbenzene	12.808	91	491616	19.452	ug/l	99
79) 2-Chlorotoluene	12.896	91	291294	19.730	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	338806	19.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24341	19.476	ug/l	93
82) 4-Chlorotoluene	12.990	91	304589	19.745	ug/l	98
83) tert-Butylbenzene	13.214	119	275429	19.053	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	337120	19.835	ug/l	99
85) sec-Butylbenzene	13.390	105	427963	19.628	ug/l	100
86) p-Isopropyltoluene	13.502	119	346452	19.380	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	186951	19.489	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	186636	19.537	ug/l	99
89) n-Butylbenzene	13.826	91	331551	19.146	ug/l	100
90) Hexachloroethane	14.096	117	70706	19.307	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	166427	19.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	11956	18.632	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	93371	18.858	ug/l	99
94) Hexachlorobutadiene	15.249	225	52564	19.439	ug/l	98
95) Naphthalene	15.384	128	167351	18.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	82985	18.907	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

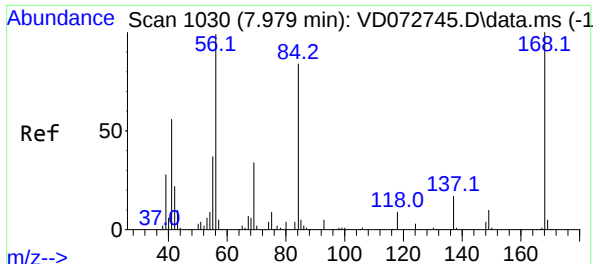
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

Quant Time: May 03 08:05:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:04:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



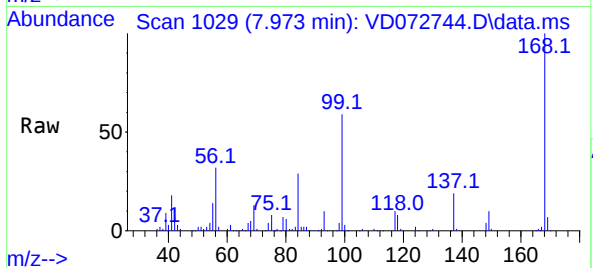
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

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MSVOA_D

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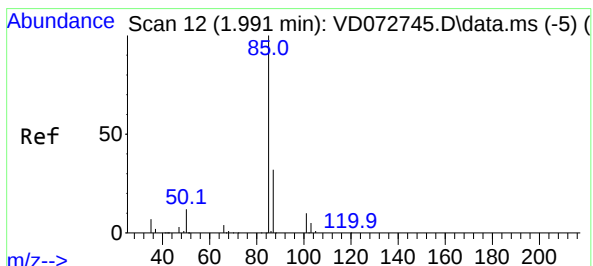
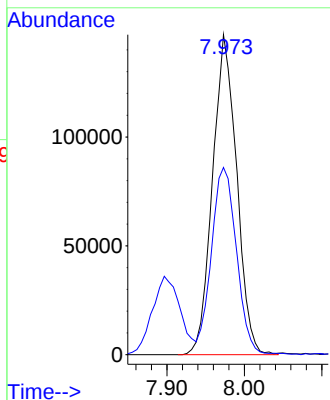
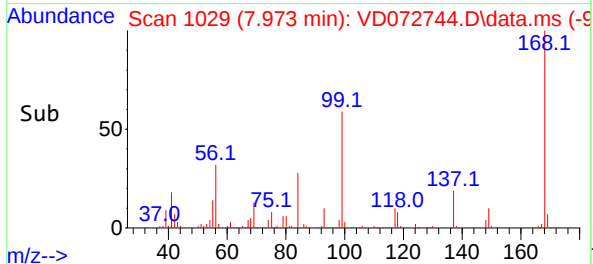
Tgt Ion:168 Resp: 318198
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6

Manual Integrations

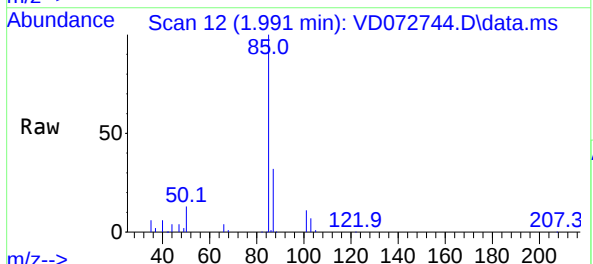
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Reviewed By :John Carlone 05/03/2022

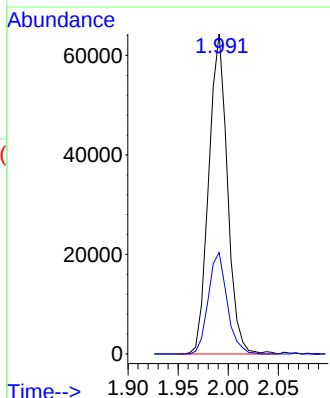
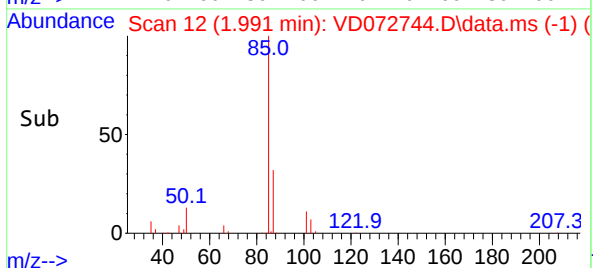
Supervised By :Mahesh Dadoda 05/03/2022

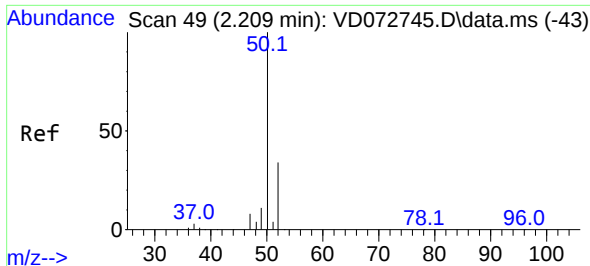


#2
Dichlorodifluoromethane
Concen: 18.967 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 85 Resp: 83399
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





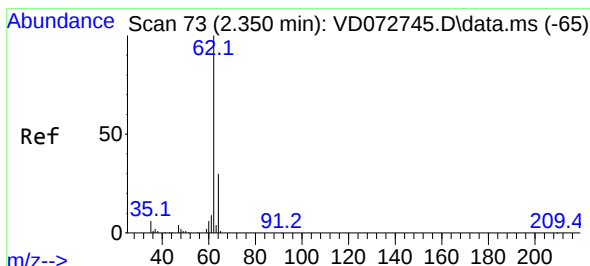
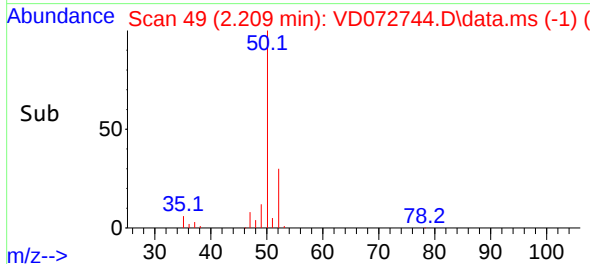
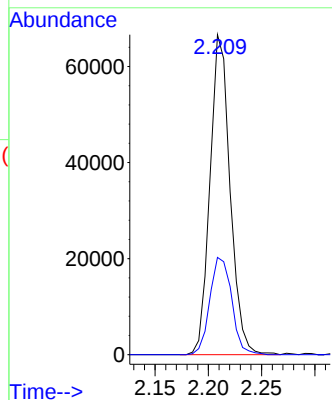
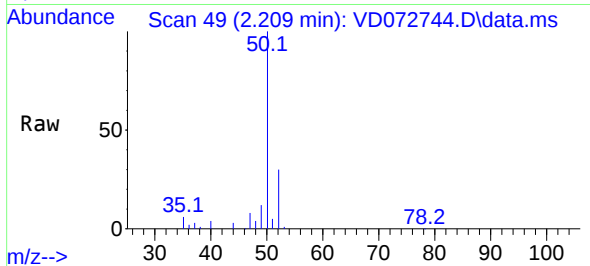
#3
Chloromethane
Concen: 19.134 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 87490
Ion Ratio Lower Upper
50 100
52 30.4 27.4 41.0

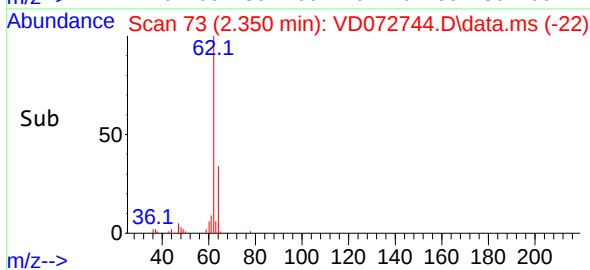
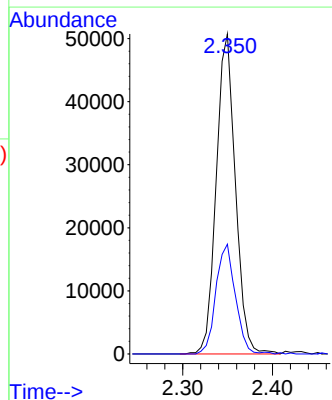
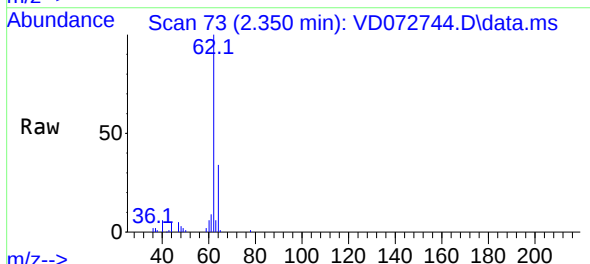
Manual Integrations
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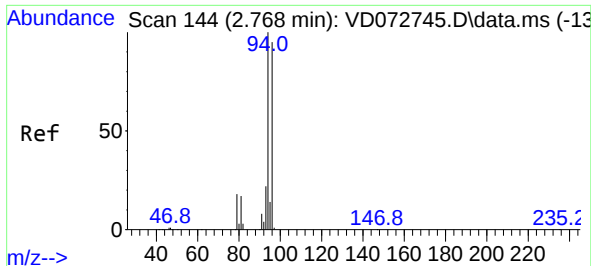
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#4
Vinyl Chloride
Concen: 18.298 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

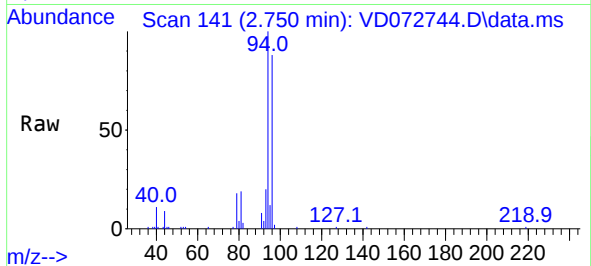
Tgt Ion: 62 Resp: 75079
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 18.220 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

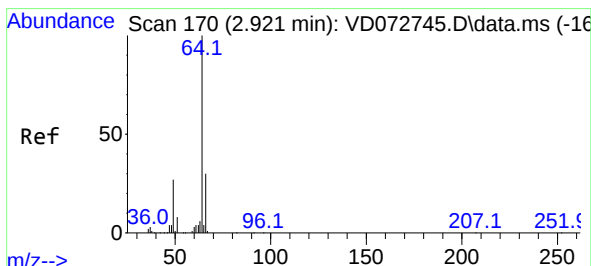
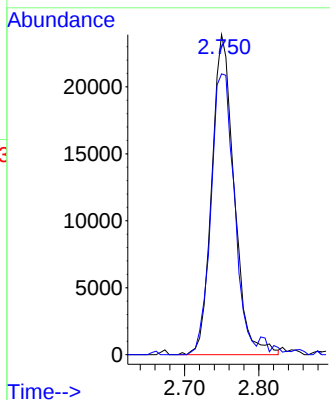
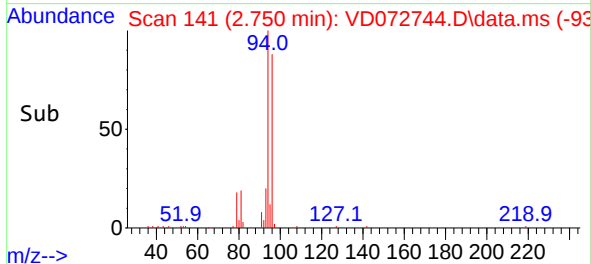
Instrument :
MSVOA_D
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VSTDICC020



Tgt Ion: 94 Resp: 50168
Ion Ratio Lower Upper
94 100
96 87.7 77.6 116.4

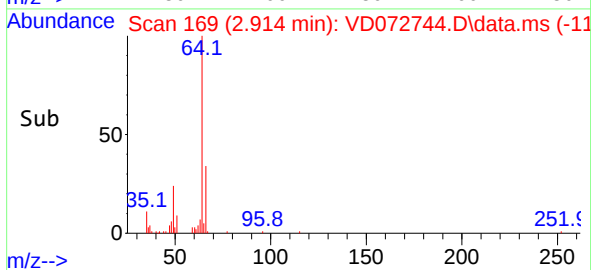
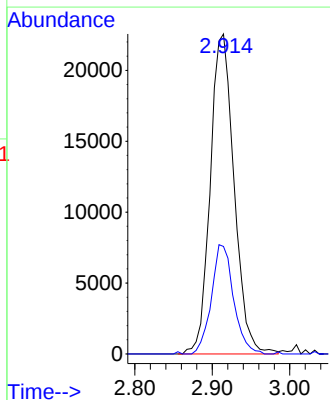
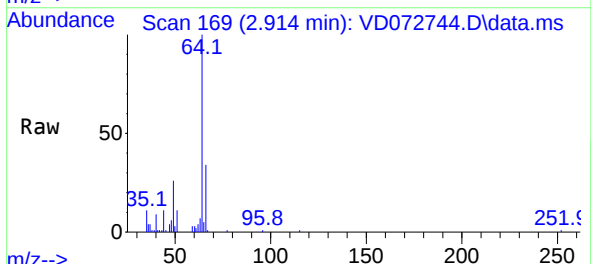
Manual Integrations
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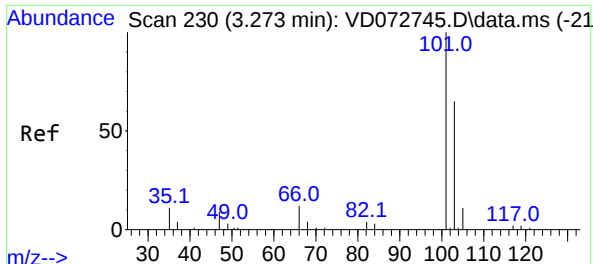
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#6
Chloroethane
Concen: 18.913 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 64 Resp: 48367
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9





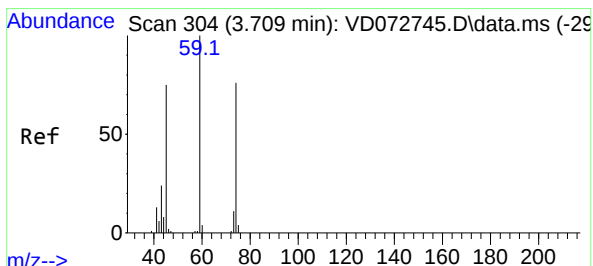
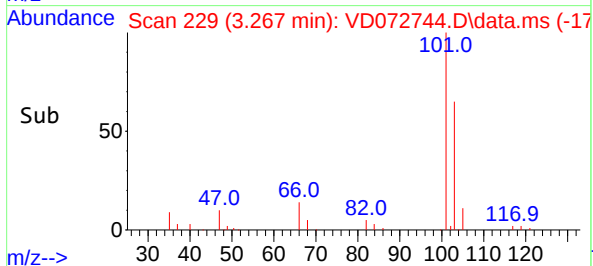
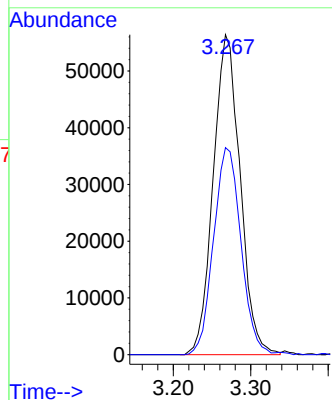
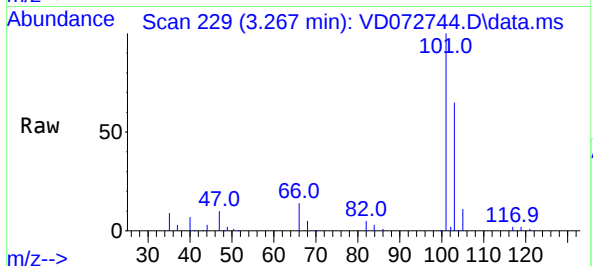
#7
Trichlorofluoromethane
Concen: 18.944 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 136110
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

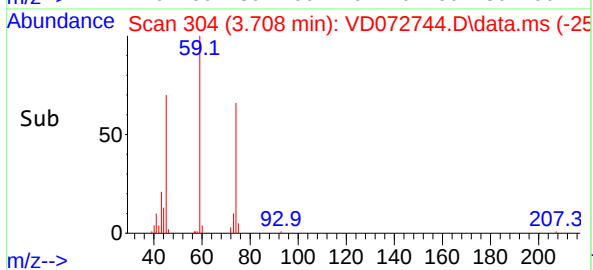
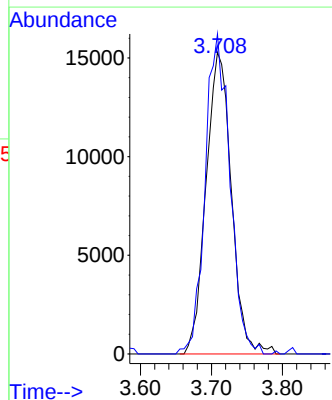
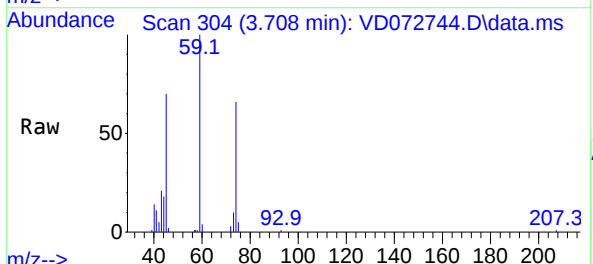
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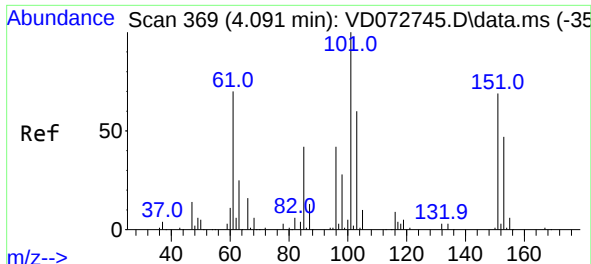
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#8
Diethyl Ether
Concen: 18.415 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 74 Resp: 37934
Ion Ratio Lower Upper
74 100
45 103.6 52.6 157.8





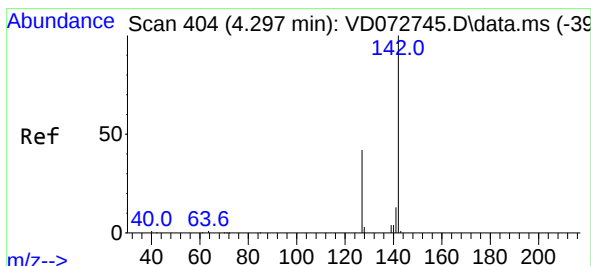
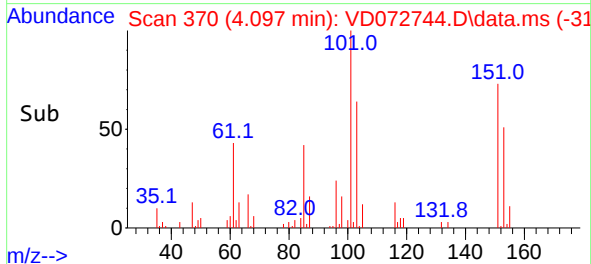
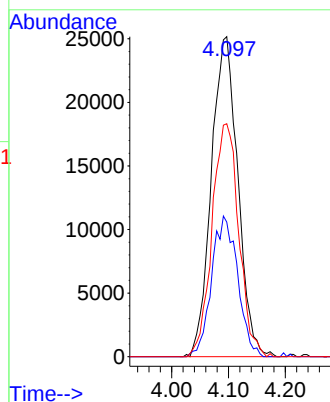
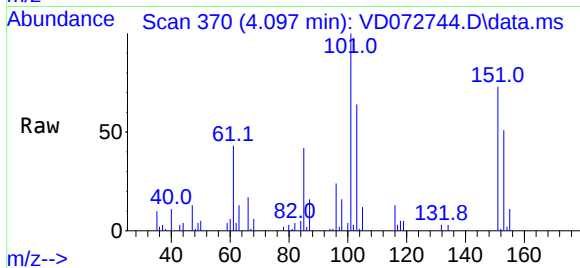
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.089 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8142
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 73.5 57.3 85.9

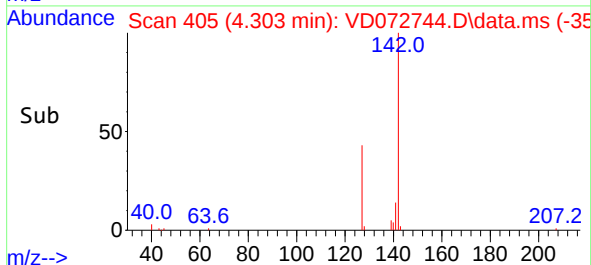
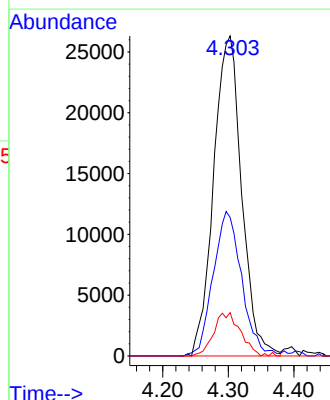
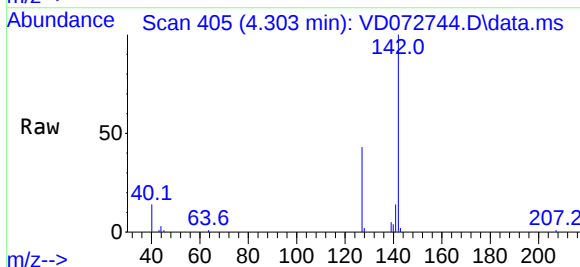
Manual Integrations
APPROVED

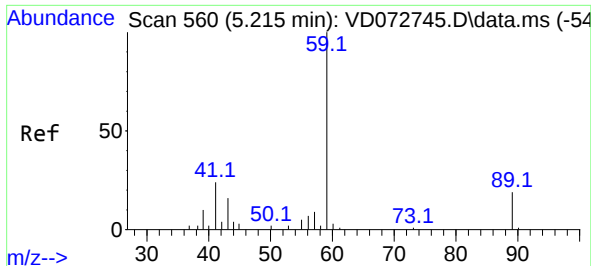
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#10
Methyl Iodide
Concen: 18.256 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

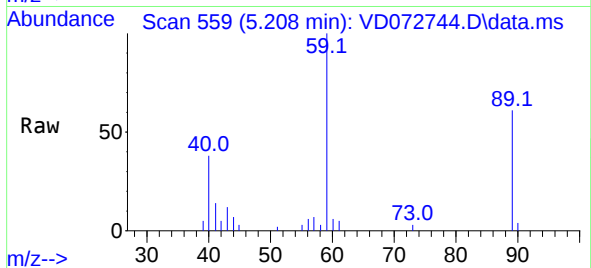
Tgt Ion:142 Resp: 78153
Ion Ratio Lower Upper
142 100
127 45.8 37.3 55.9
141 12.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 122.126 ug/l
RT: 5.208 min Scan# 511
Delta R.T. -0.007 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

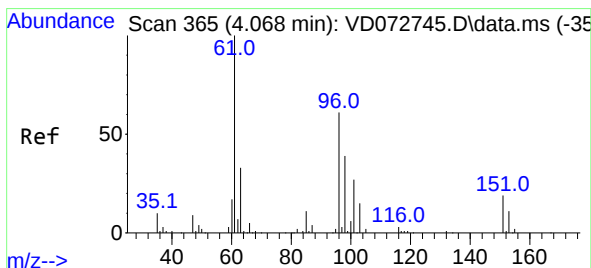
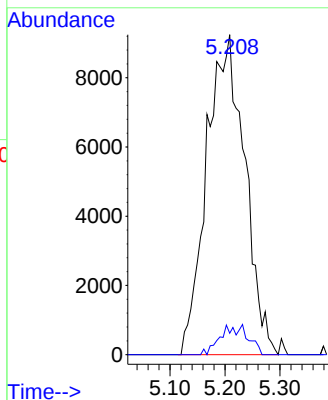
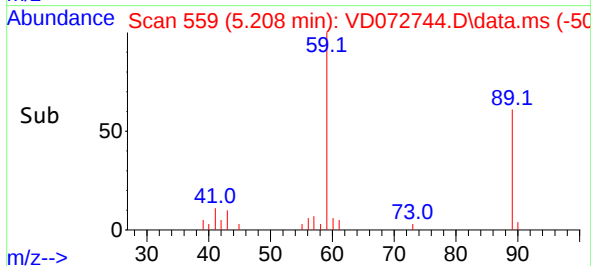
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



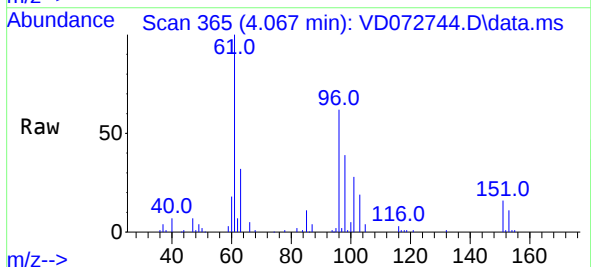
Tgt Ion: 59 Resp: 44459
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.6

Manual Integrations
APPROVED

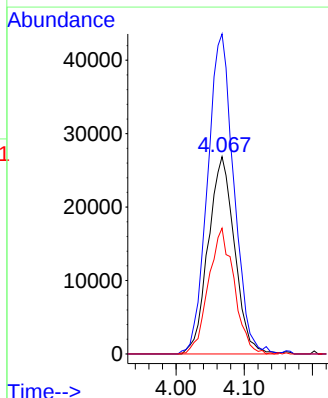
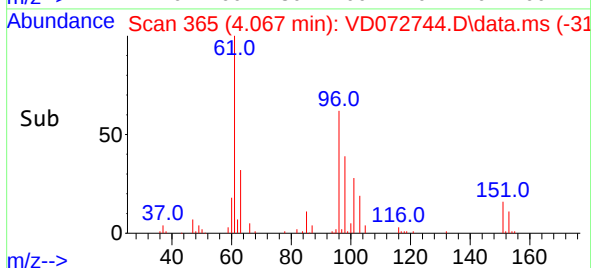
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

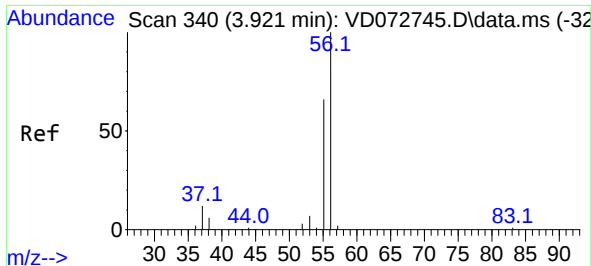


#12
1,1-Dichloroethene
Concen: 18.813 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 96 Resp: 72184
Ion Ratio Lower Upper
96 100
61 162.2 138.5 207.7
98 63.7 48.6 73.0





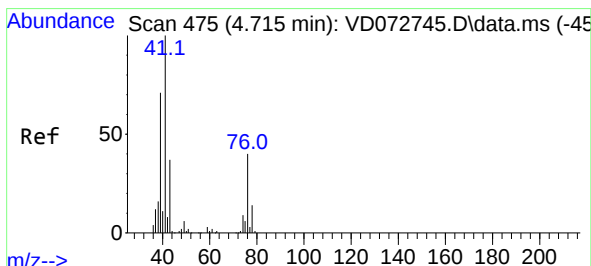
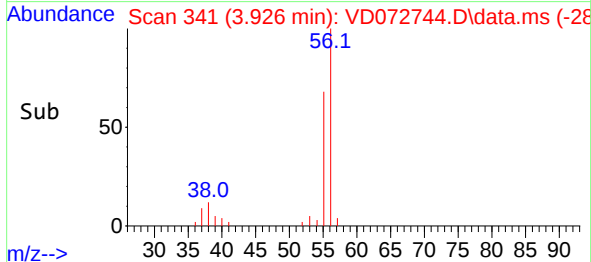
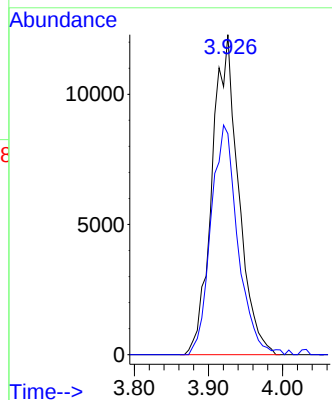
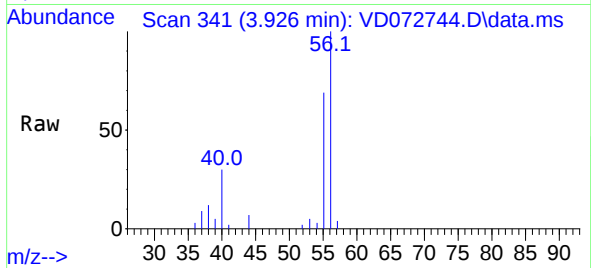
#13
Acrolein
Concen: 105.377 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.005 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 30500
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7

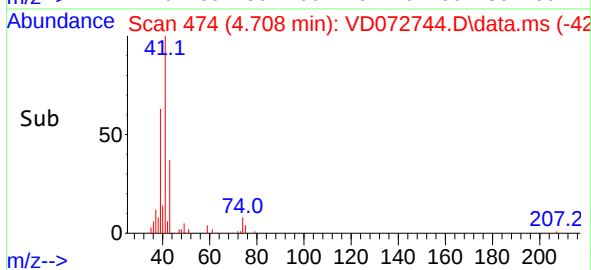
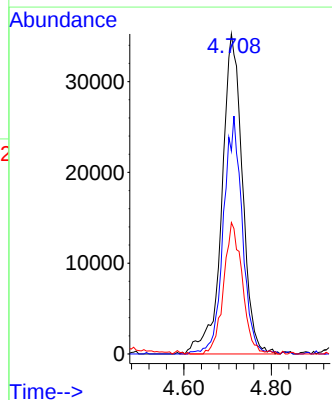
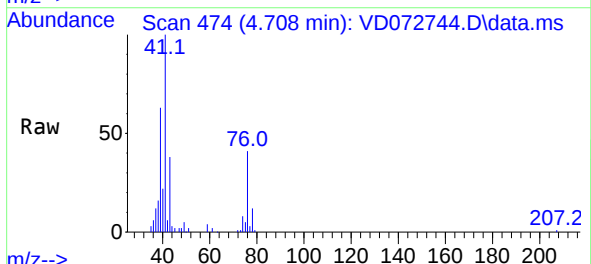
Manual Integrations
APPROVED

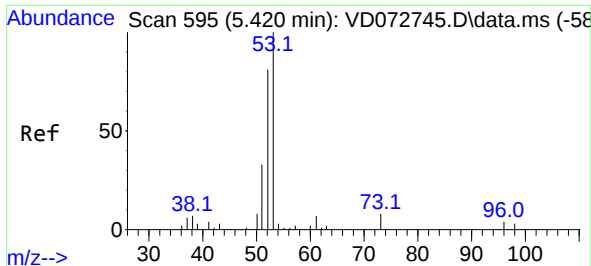
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#14
Allyl chloride
Concen: 18.505 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

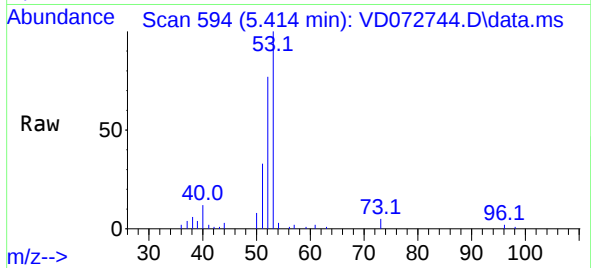
Tgt Ion: 41 Resp: 114632
Ion Ratio Lower Upper
41 100
39 68.3 59.3 88.9
76 37.2 25.7 38.5





#15
Acrylonitrile
Concen: 95.502 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

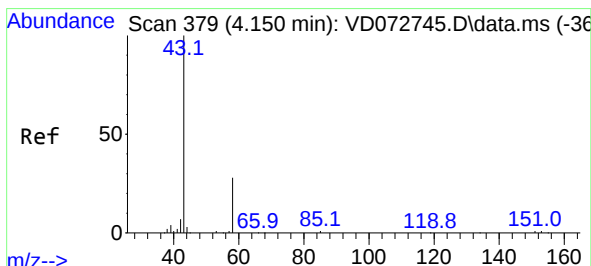
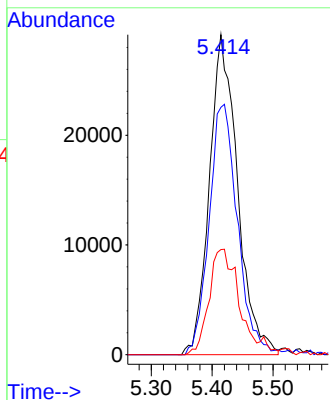
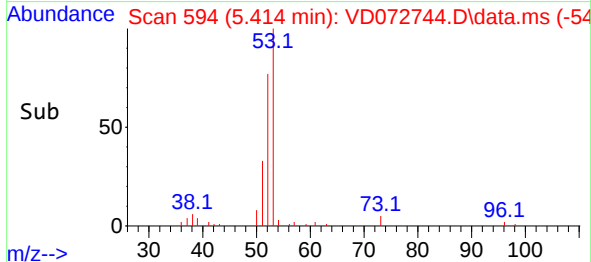
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



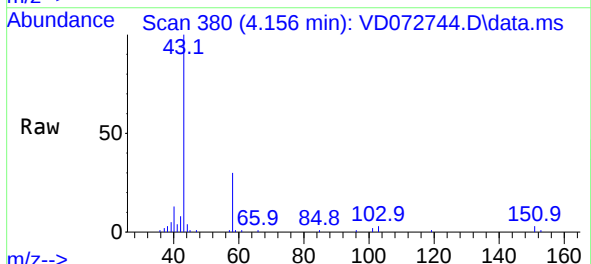
Tgt Ion: 53 Resp: 93491
Ion Ratio Lower Upper
53 100
52 79.4 67.2 100.8
51 36.0 30.3 45.5

Manual Integrations
APPROVED

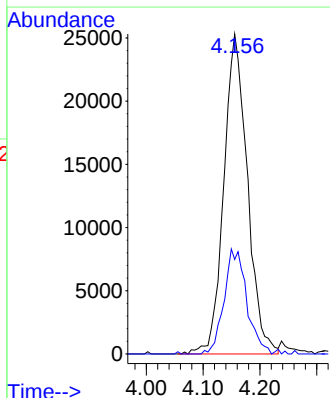
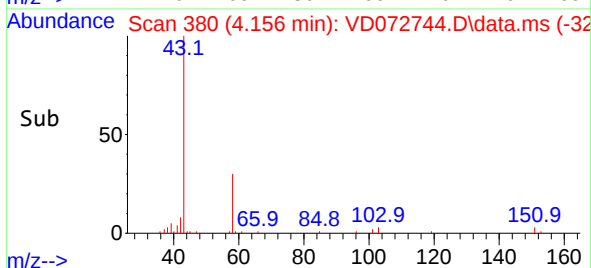
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

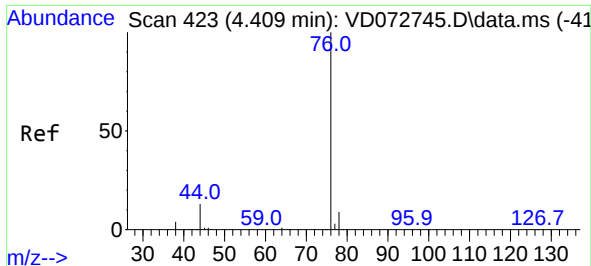


#16
Acetone
Concen: 84.698 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



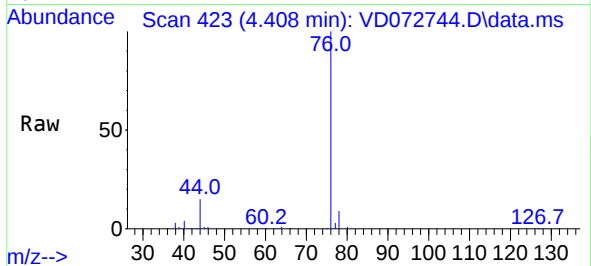
Tgt Ion: 43 Resp: 73091
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1





#17
Carbon Disulfide
Concen: 18.644 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

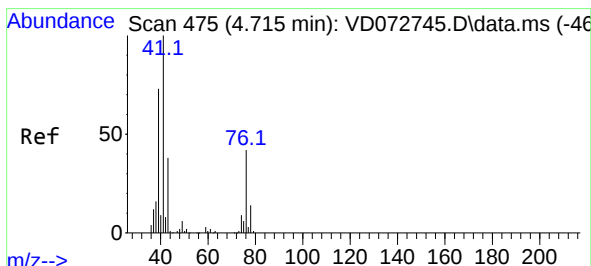
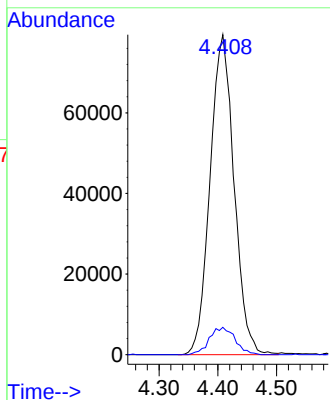
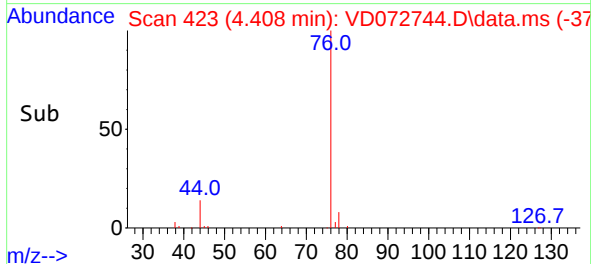
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 224920
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

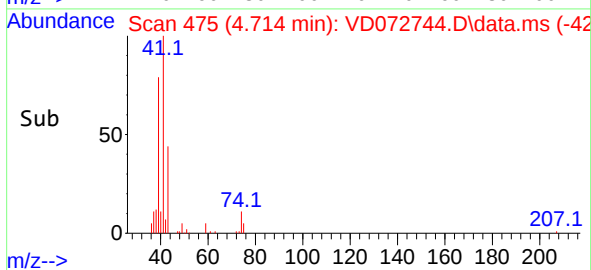
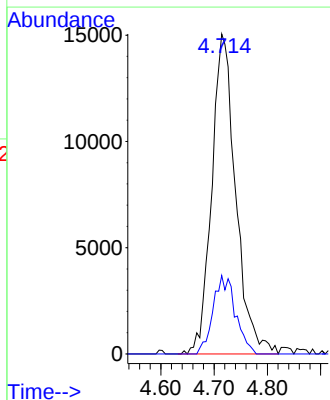
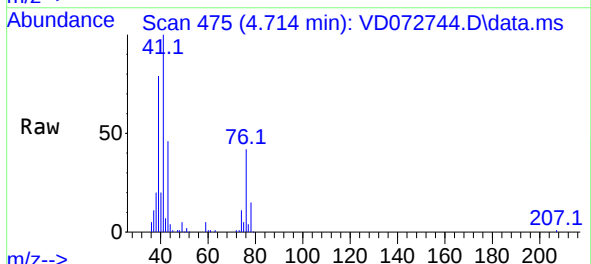
Manual Integrations
APPROVED

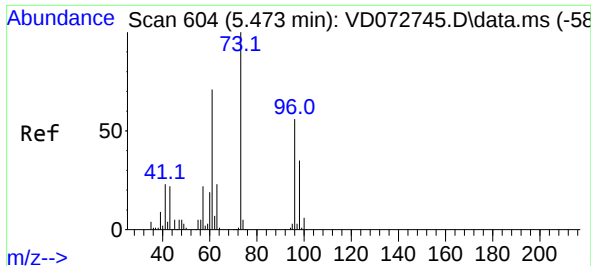
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#18
Methyl Acetate
Concen: 19.311 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 43 Resp: 47088
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 18.632 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 171379

Ion Ratio Lower Upper

73 100

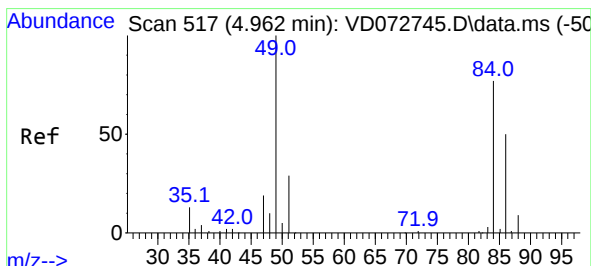
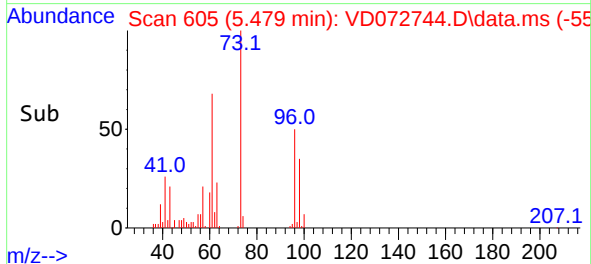
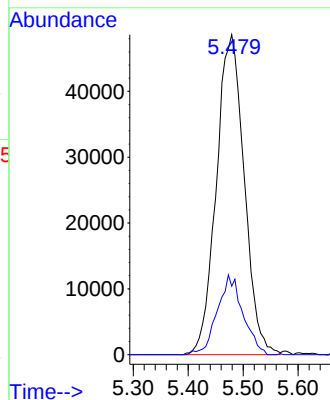
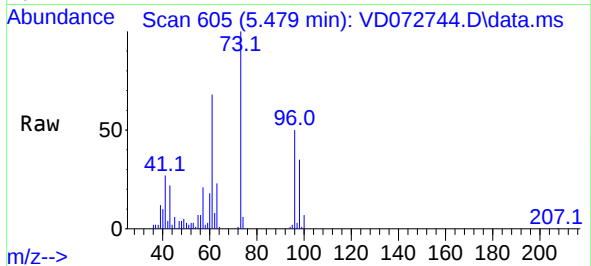
57 21.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#20

Methylene Chloride

Concen: 18.690 ug/l

RT: 4.955 min Scan# 516

Delta R.T. -0.007 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Tgt Ion: 84 Resp: 119451

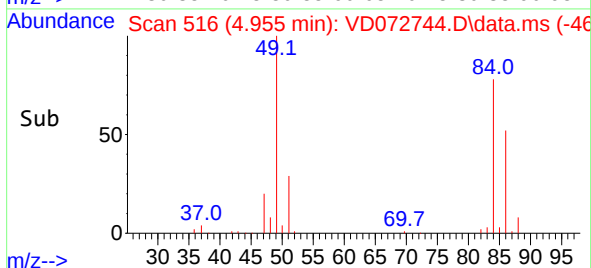
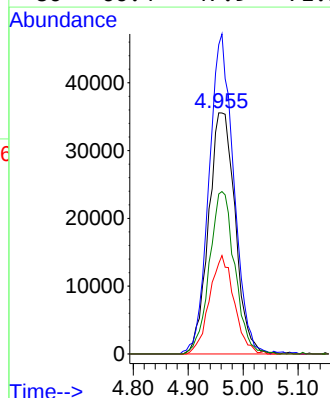
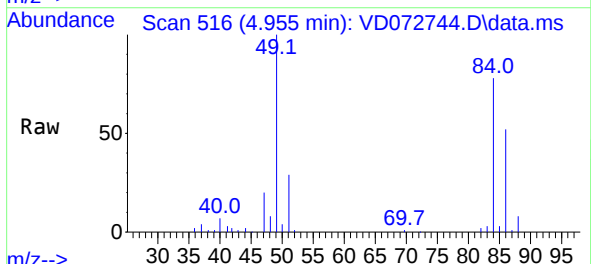
Ion Ratio Lower Upper

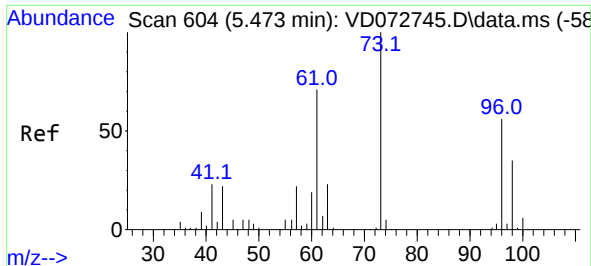
84 100

49 128.3 112.8 169.2

51 37.6 32.6 48.8

86 66.4 47.9 71.9





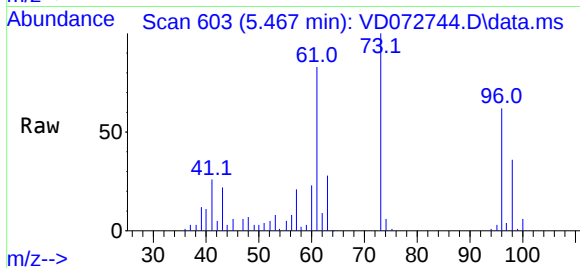
#21
trans-1,2-Dichloroethene
Concen: 19.480 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

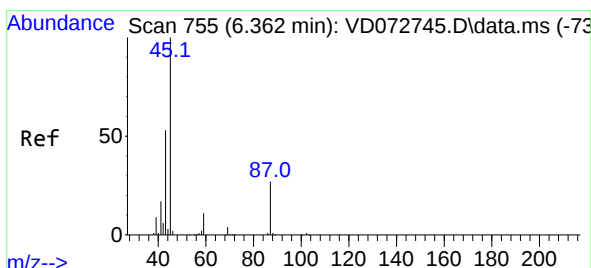
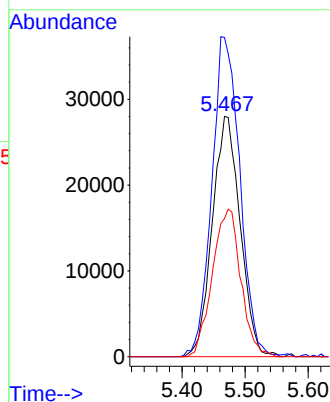
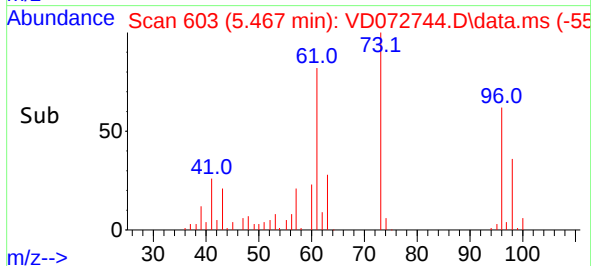


Tgt Ion: 96 Resp: 85720
Ion Ratio Lower Upper
96 100
61 132.8 117.9 176.9
98 57.5 49.4 74.2

Manual Integrations

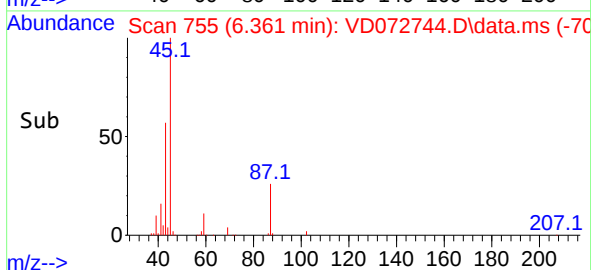
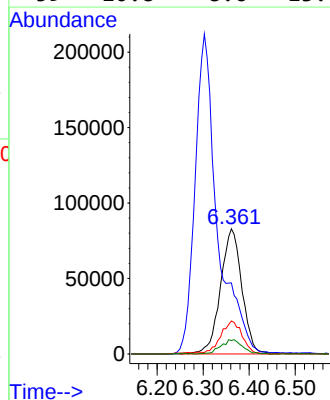
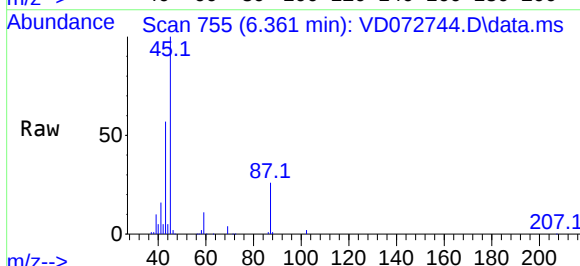
APPROVED

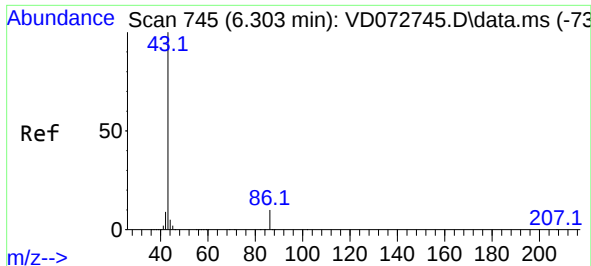
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#22
Diisopropyl ether
Concen: 19.590 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

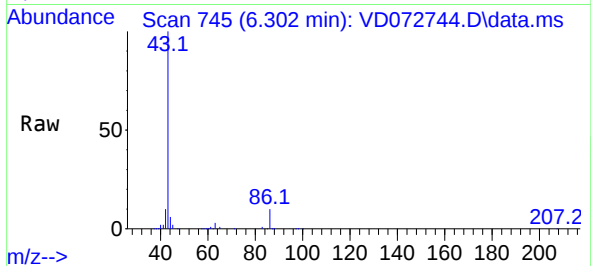
Tgt Ion: 45 Resp: 266954
Ion Ratio Lower Upper
45 100
43 55.9 46.6 70.0
87 26.1 18.4 27.6
59 10.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 95.089 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072744.D
 Acq: 02 May 2022 12:09

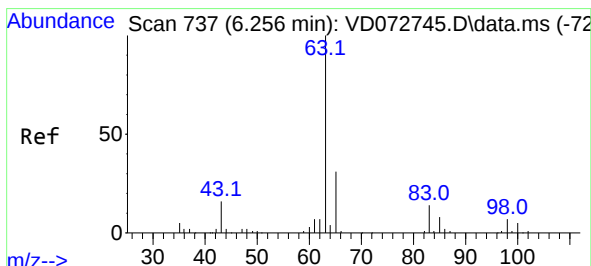
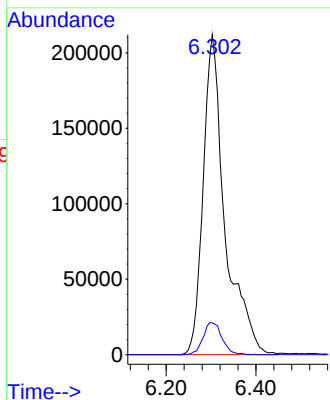
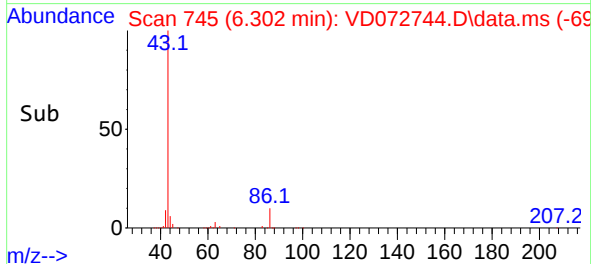
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



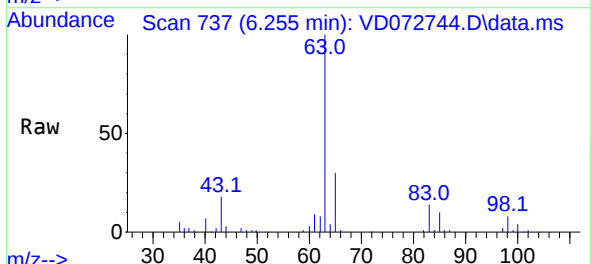
Tgt Ion: 43 Resp: 715798
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7

Manual Integrations
 APPROVED

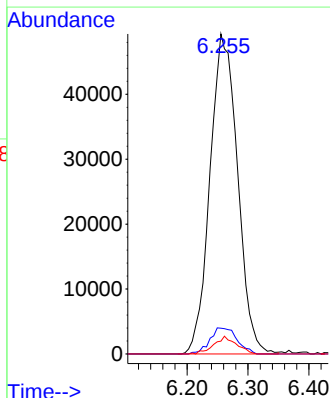
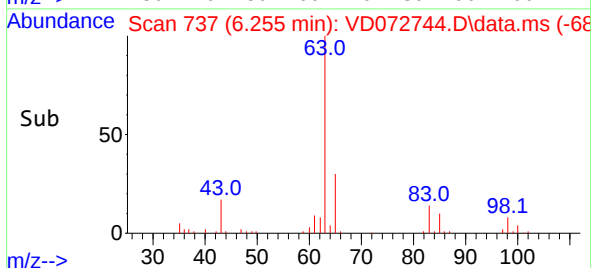
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

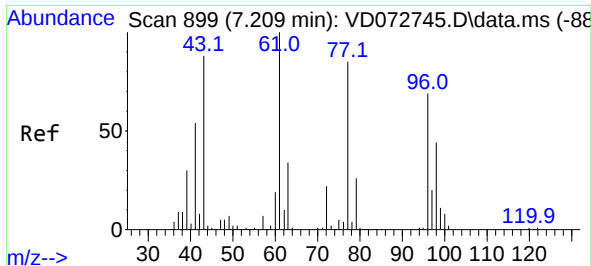


#24
 1,1-Dichloroethane
 Concen: 18.954 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD072744.D
 Acq: 02 May 2022 12:09



Tgt Ion: 63 Resp: 155177
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 90.535 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 108958

Ion Ratio Lower Upper

43 100

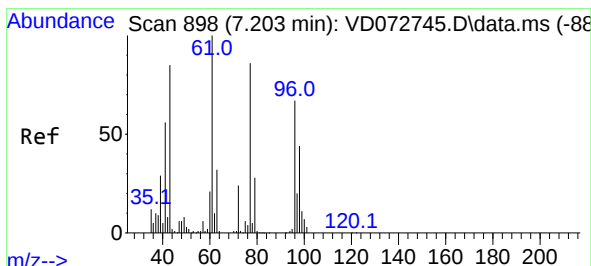
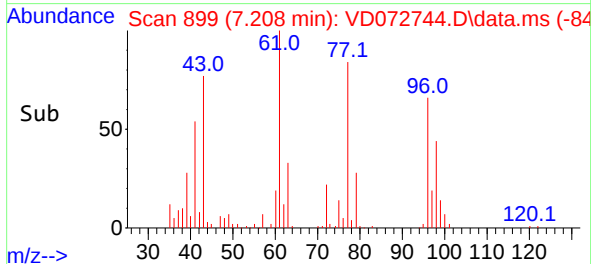
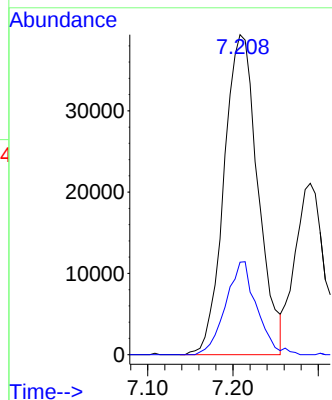
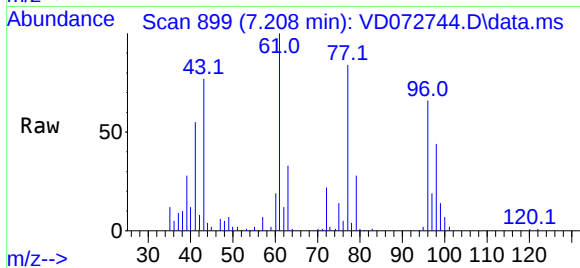
72 28.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#26

2,2-Dichloropropane

Concen: 18.734 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072744.D

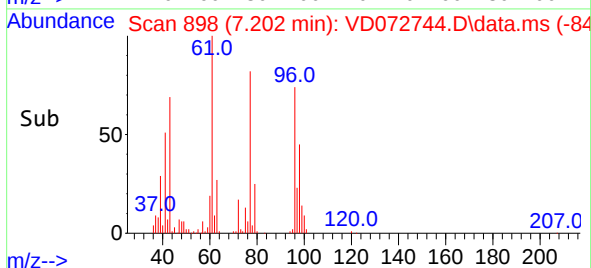
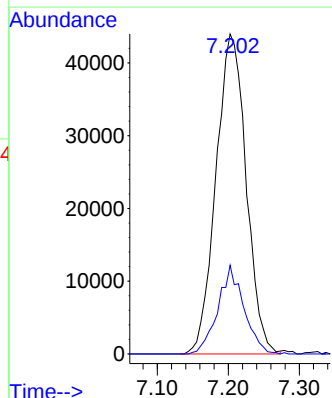
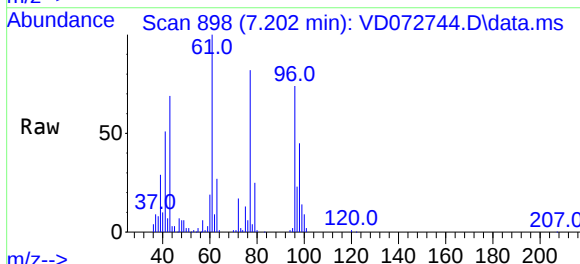
Acq: 02 May 2022 12:09

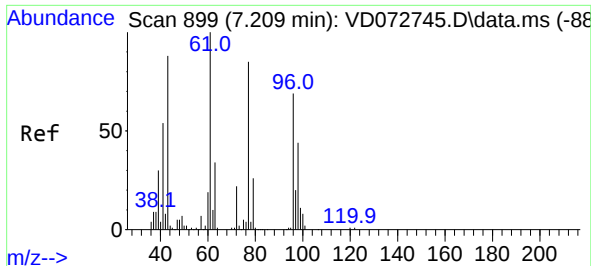
Tgt Ion: 77 Resp: 129664

Ion Ratio Lower Upper

77 100

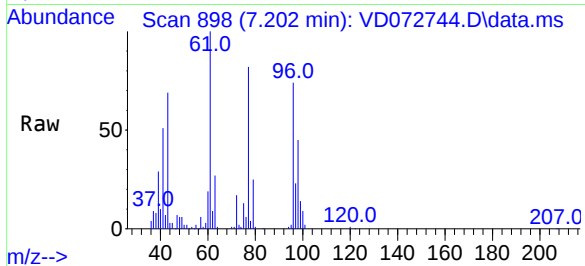
97 23.8 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 19.125 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

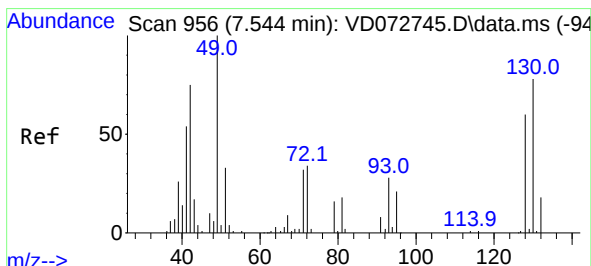
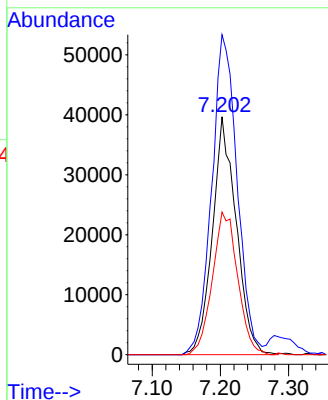
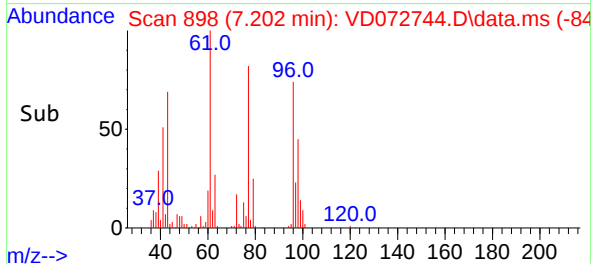
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



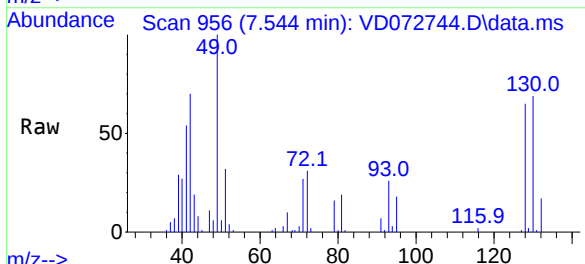
Tgt Ion: 96 Resp: 96388
Ion Ratio Lower Upper
96 100
61 143.9 0.0 313.8
98 63.9 0.0 128.8

Manual Integrations
APPROVED

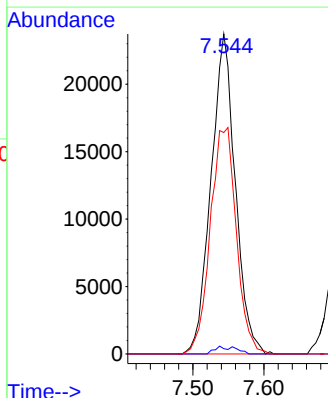
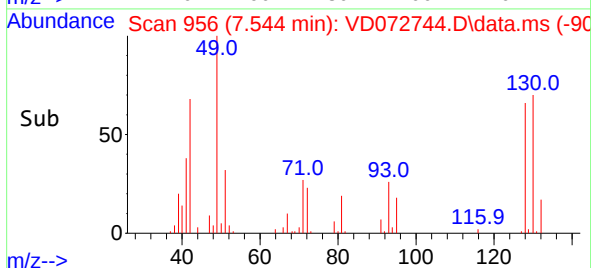
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

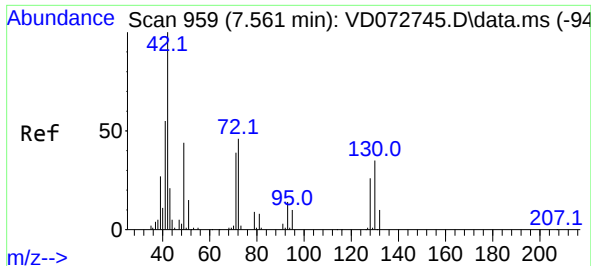


#28
Bromochloromethane
Concen: 18.459 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 49 Resp: 56356
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 75.7 52.6 79.0





#29

Tetrahydrofuran

Concen: 93.991 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 7210

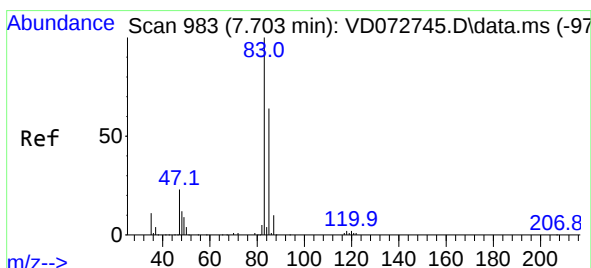
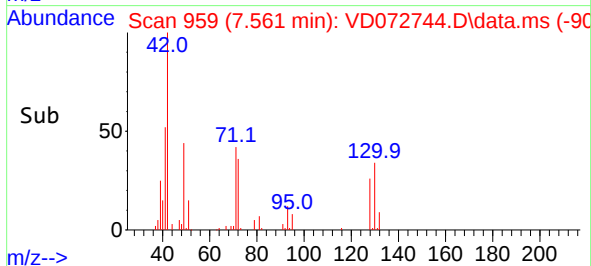
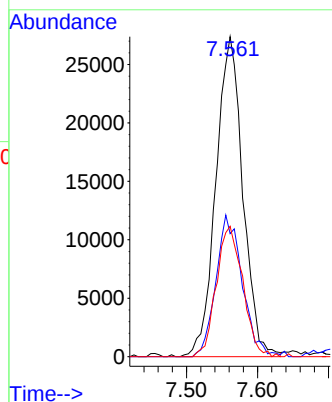
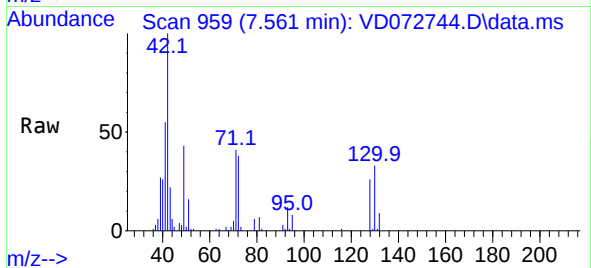
Ion	Ratio	Lower	Upper
42	100		
72	43.5	30.7	46.1
71	40.0	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#30

Chloroform

Concen: 19.009 ug/l

RT: 7.702 min Scan# 983

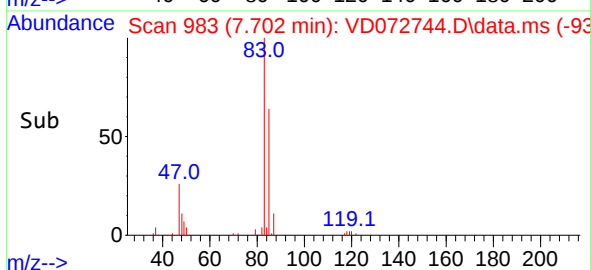
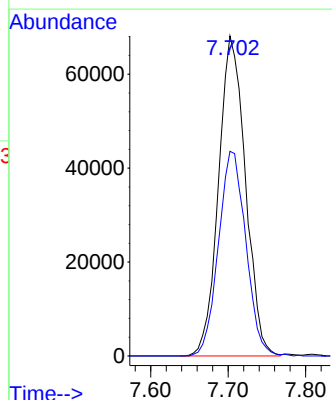
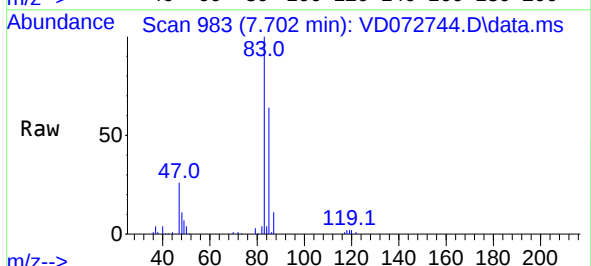
Delta R.T. -0.000 min

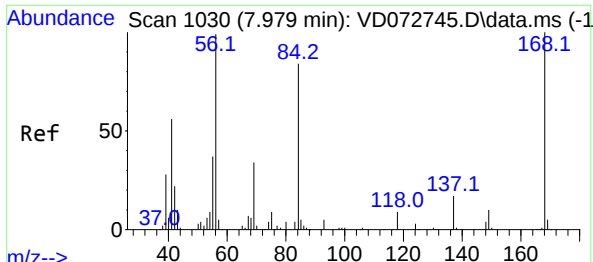
Lab File: VD072744.D

Acq: 02 May 2022 12:09

Tgt Ion: 83 Resp: 164667

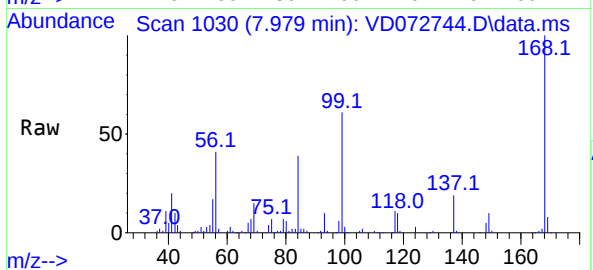
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.7	79.1





#31
Cyclohexane
Concen: 18.593 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

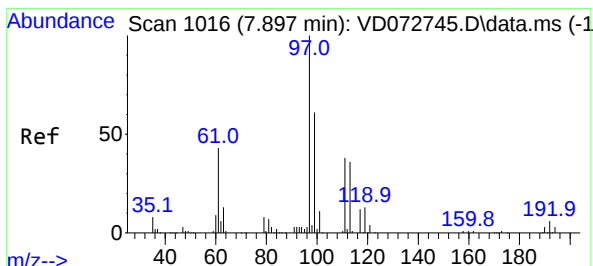
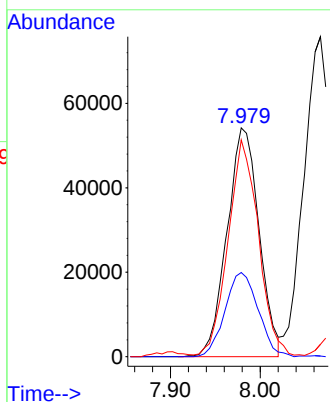
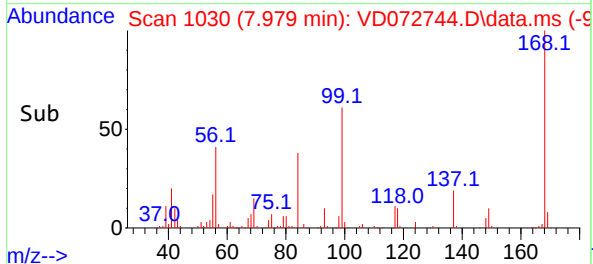
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



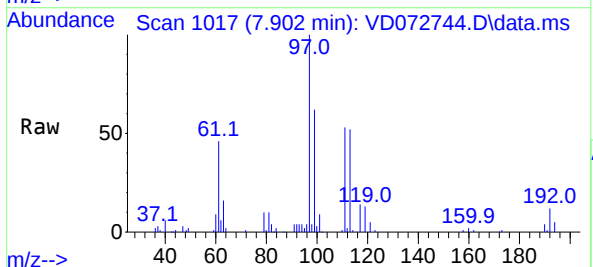
Tgt Ion: 56 Resp: 134249
Ion Ratio Lower Upper
56 100
69 36.8 25.4 38.2
84 93.4 63.0 94.4

Manual Integrations
APPROVED

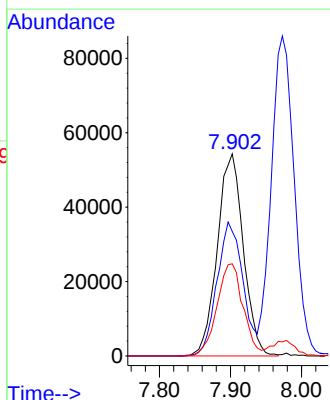
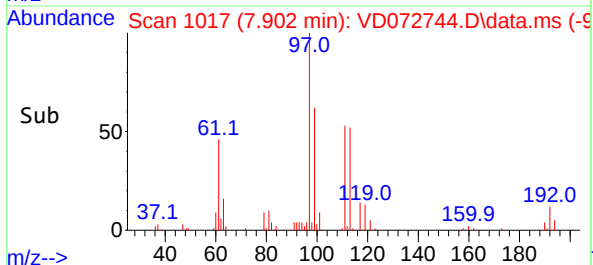
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

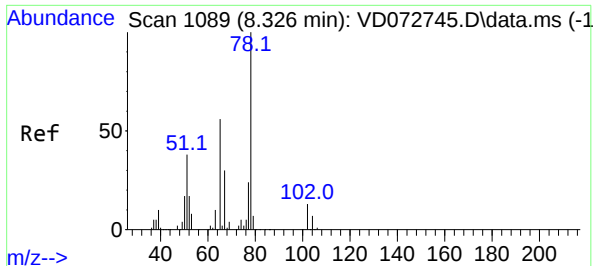


#32
1,1,1-Trichloroethane
Concen: 18.741 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 97 Resp: 138362
Ion Ratio Lower Upper
97 100
99 66.0 52.4 78.6
61 45.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 19.807 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 8181

Ion Ratio Lower Upper

65 100

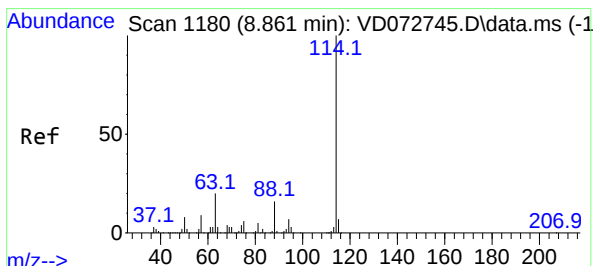
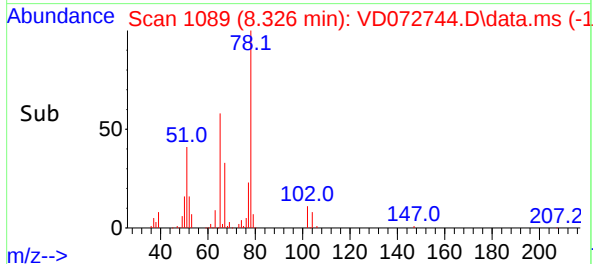
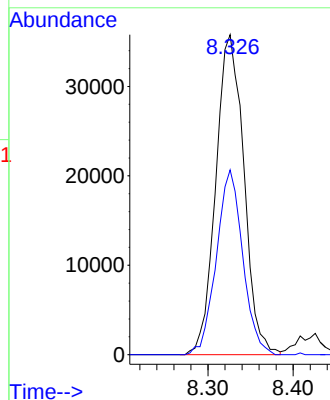
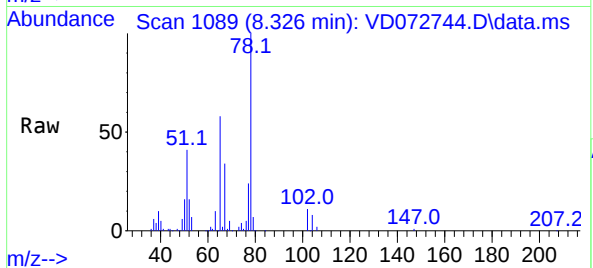
67 54.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

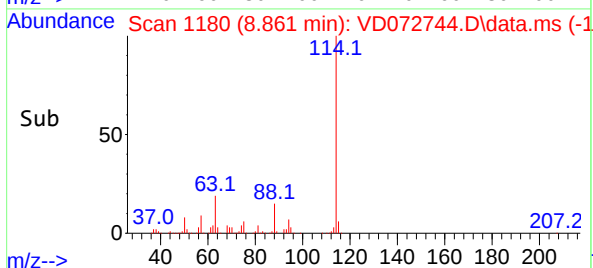
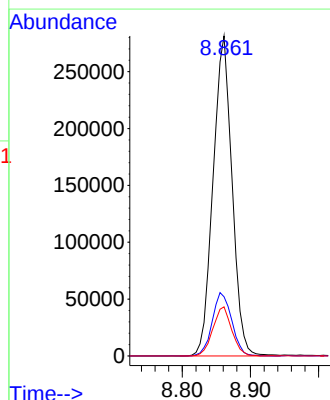
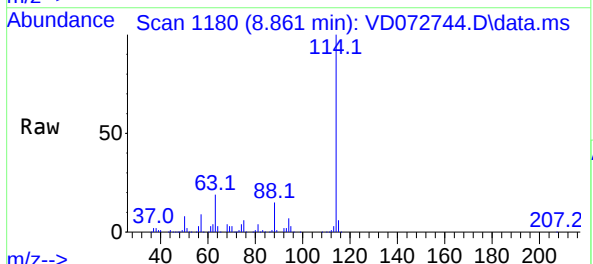
Tgt Ion:114 Resp: 545336

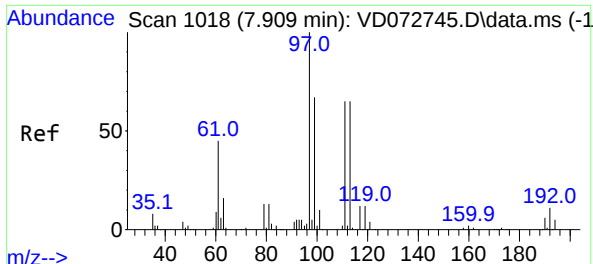
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

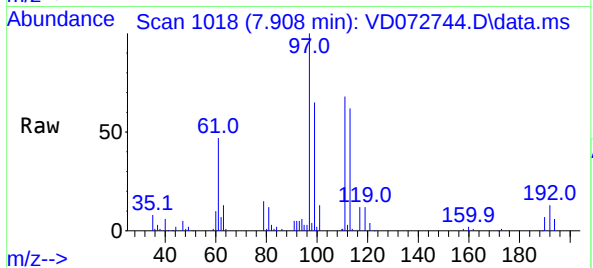
88 15.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 19.481 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

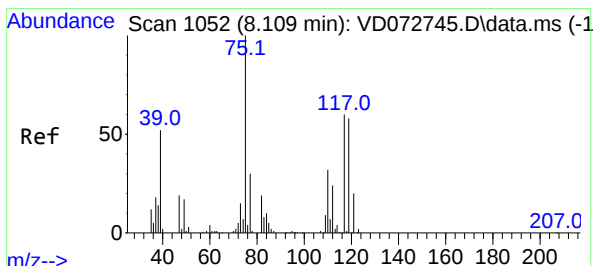
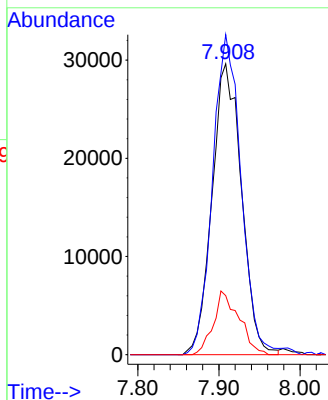
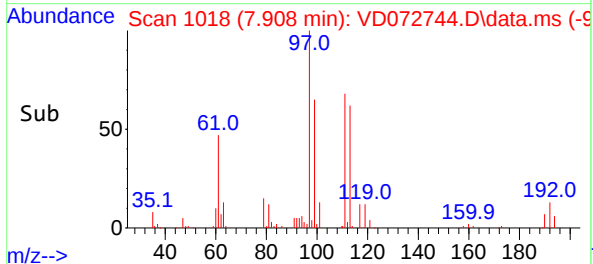
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



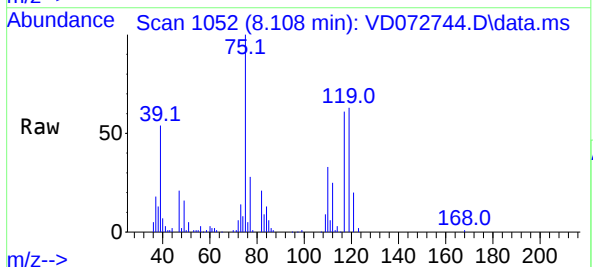
Tgt Ion: 113 Resp: 7461
Ion Ratio Lower Upper
113 100
111 107.0 83.8 125.6
192 19.0 14.6 21.8

Manual Integrations
APPROVED

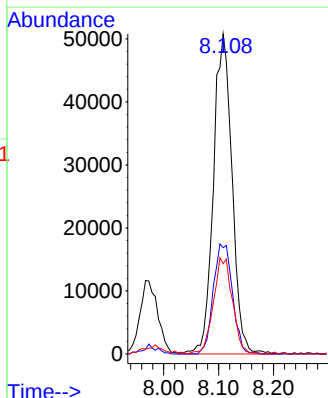
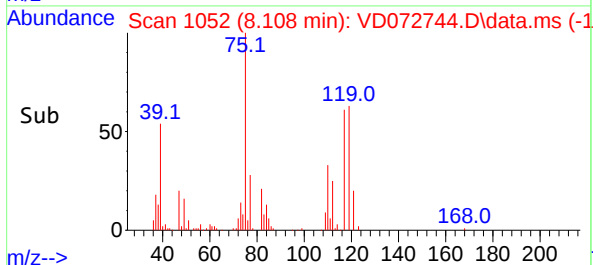
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

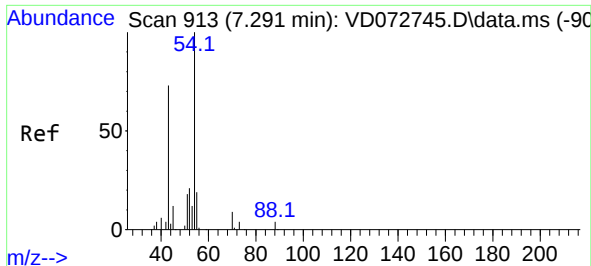


#36
1,1-Dichloropropene
Concen: 19.261 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



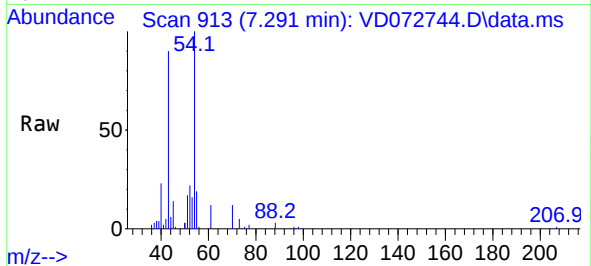
Tgt Ion: 75 Resp: 119952
Ion Ratio Lower Upper
75 100
110 35.2 16.4 49.1
77 30.6 24.2 36.2





#37
Ethyl Acetate
Concen: 18.936 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

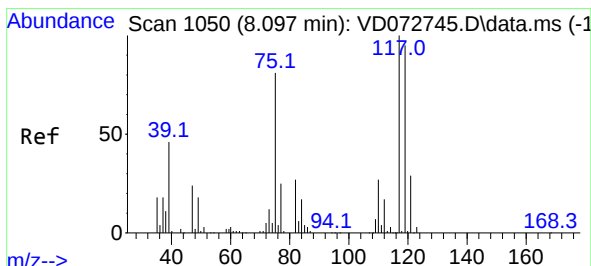
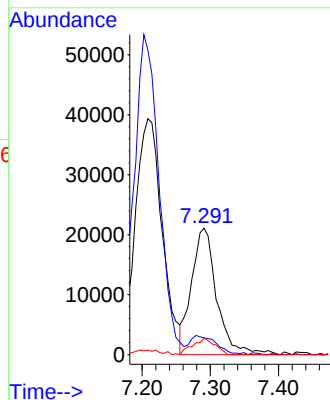
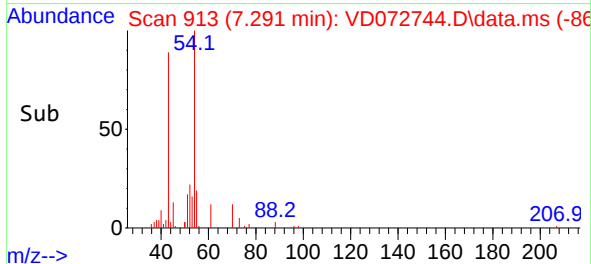
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 54210
Ion Ratio Lower Upper
43 100
61 15.8 9.8 14.8
70 11.5 6.9 10.3

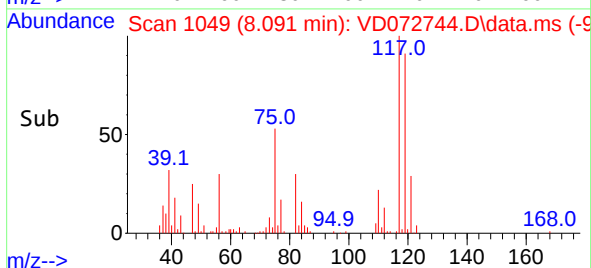
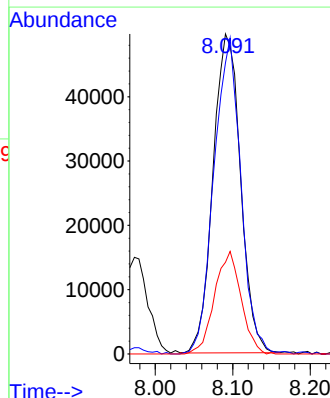
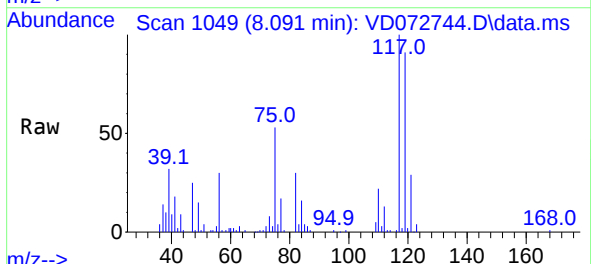
Manual Integrations
APPROVED

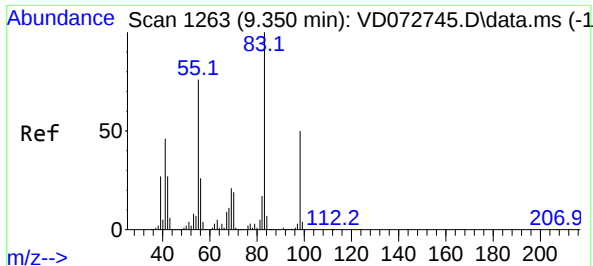
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#38
Carbon Tetrachloride
Concen: 18.910 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion:117 Resp: 122247
Ion Ratio Lower Upper
117 100
119 91.4 75.8 113.6
121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 18.235 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072744.D

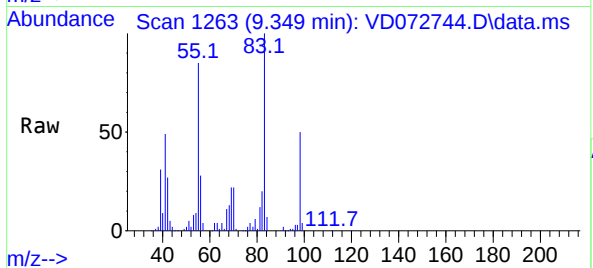
Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020



Tgt Ion: 83 Resp: 13172

Ion Ratio Lower Upper

83 100

55 85.4 63.2 94.8

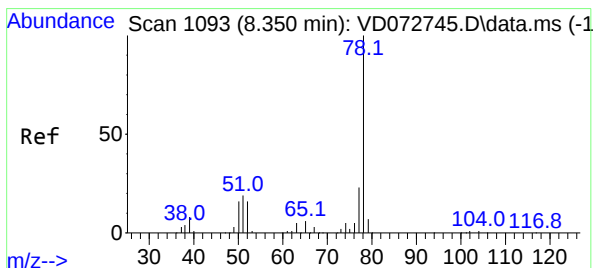
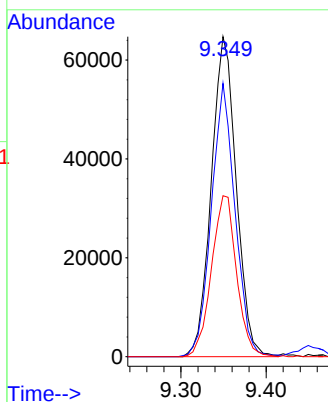
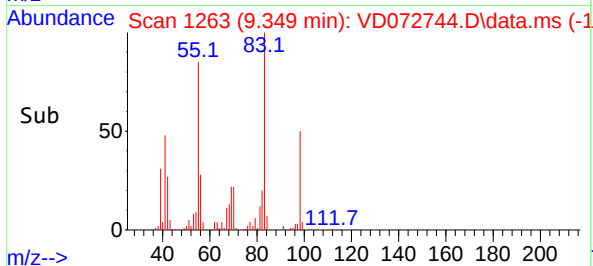
98 50.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#40

Benzene

Concen: 18.981 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072744.D

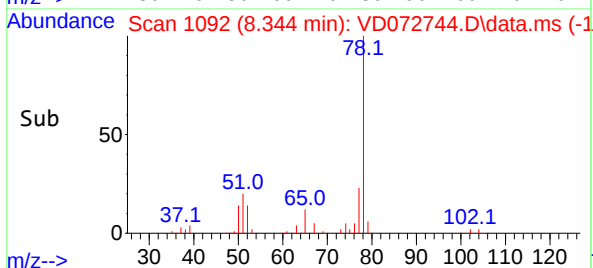
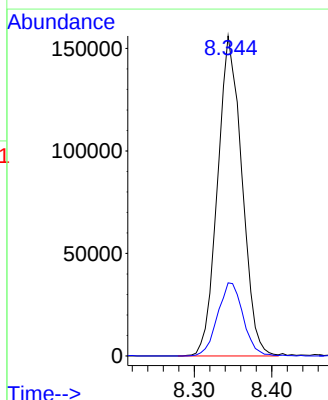
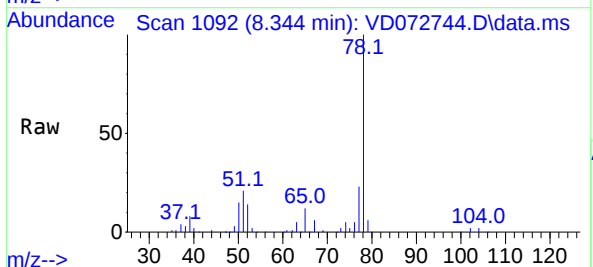
Acq: 02 May 2022 12:09

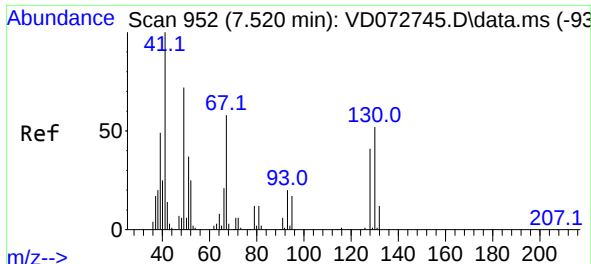
Tgt Ion: 78 Resp: 341357

Ion Ratio Lower Upper

78 100

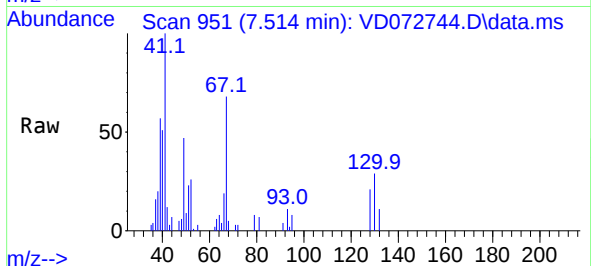
77 22.9 19.1 28.7





#41
Methacrylonitrile
Concen: 20.652 ug/l m
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

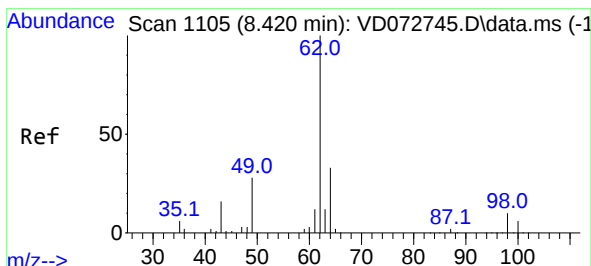
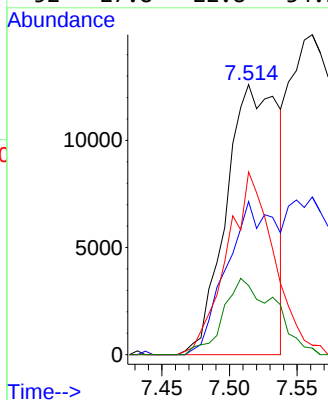
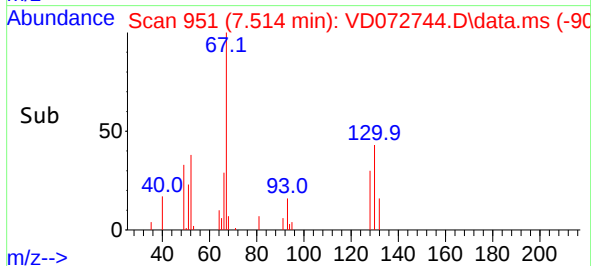
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



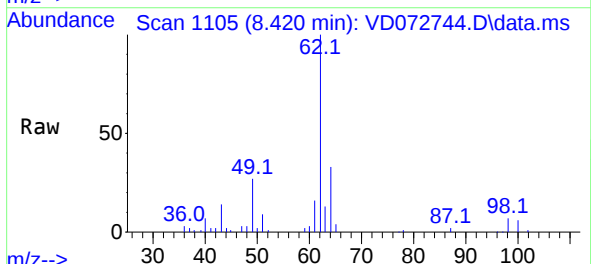
Tgt Ion: 41 Resp: 3377
Ion Ratio Lower Upper
41 100
39 54.0 44.6 67.0
67 61.7 48.2 72.4
52 27.8 22.8 34.2

Manual Integrations
APPROVED

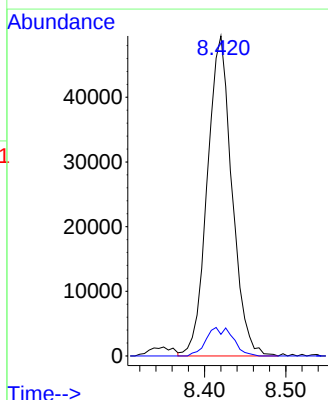
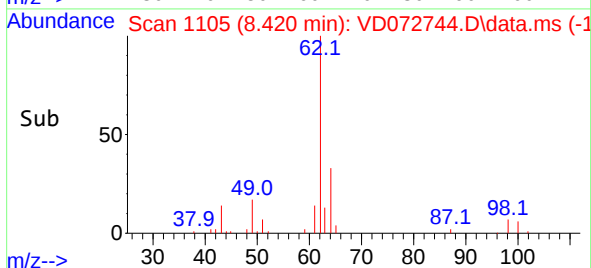
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

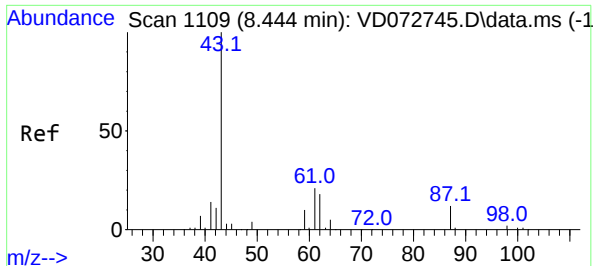


#42
1,2-Dichloroethane
Concen: 19.265 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 62 Resp: 104406
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





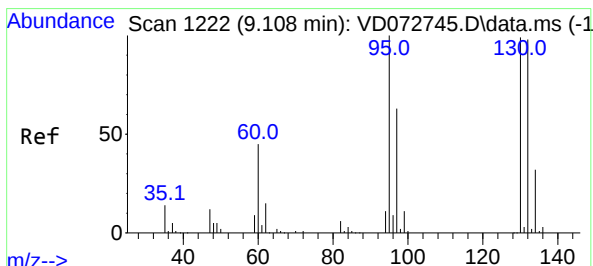
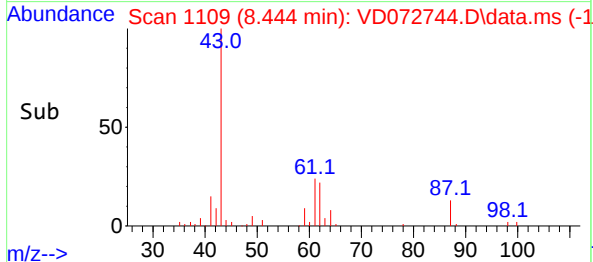
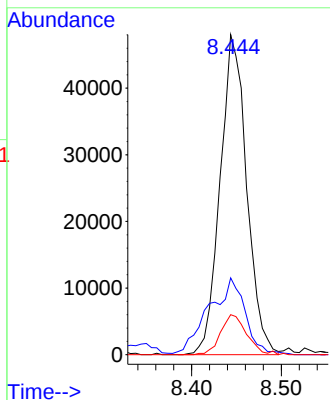
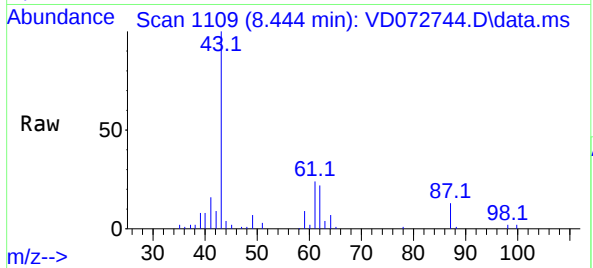
#43
Isopropyl Acetate
Concen: 18.674 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 98670
Ion Ratio Lower Upper
43 100
61 33.0 22.4 33.6
87 12.3 8.7 13.1

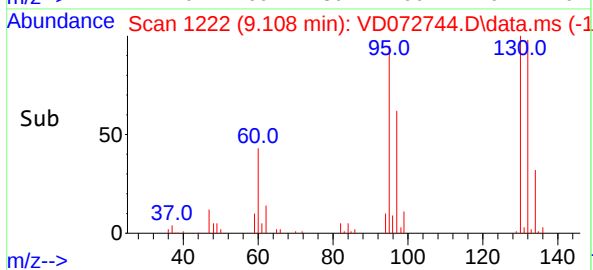
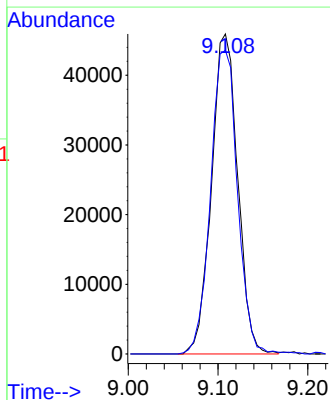
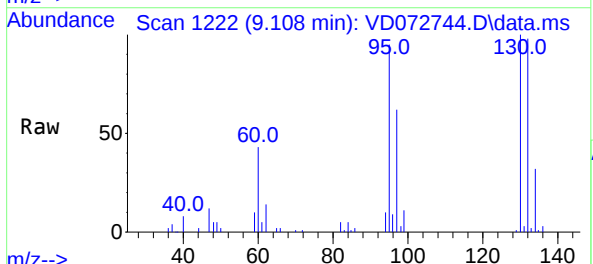
Manual Integrations
APPROVED

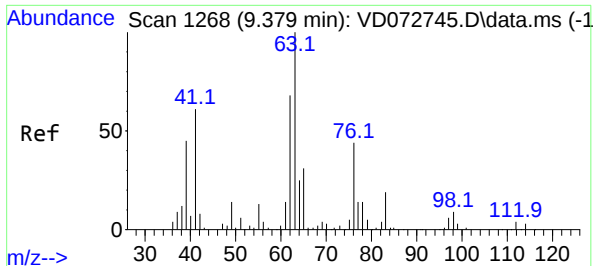
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#44
Trichloroethene
Concen: 19.352 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion:130 Resp: 93112
Ion Ratio Lower Upper
130 100
95 94.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.080 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 9011

Ion Ratio Lower Upper

63 100

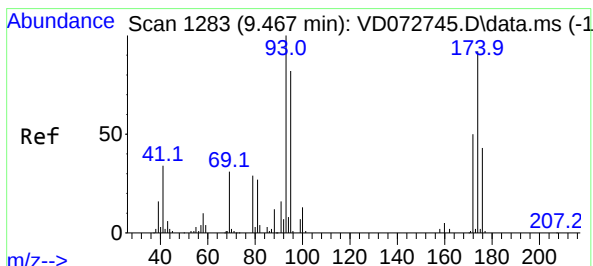
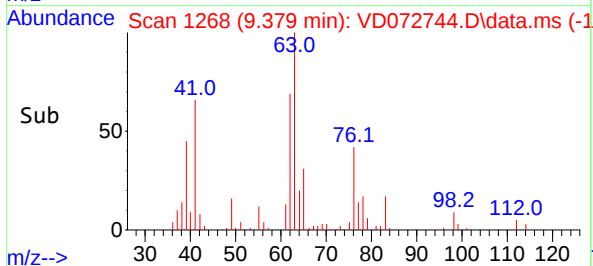
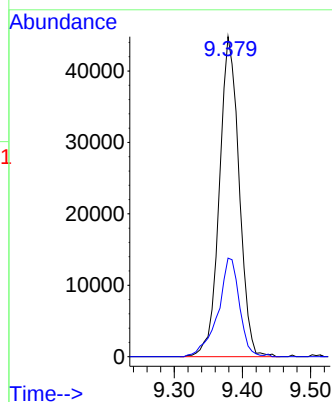
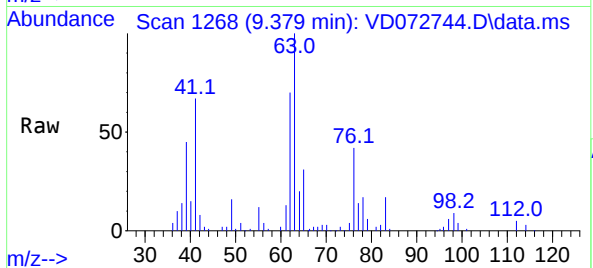
65 30.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#46

Dibromomethane

Concen: 19.146 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

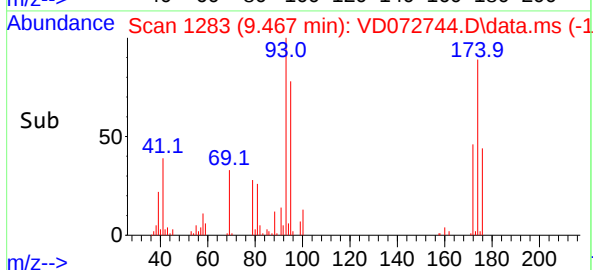
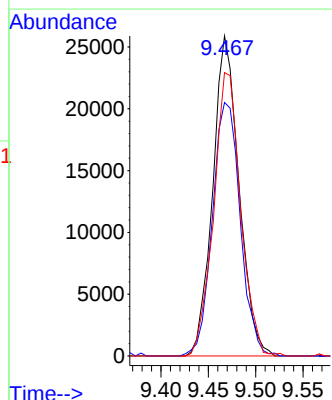
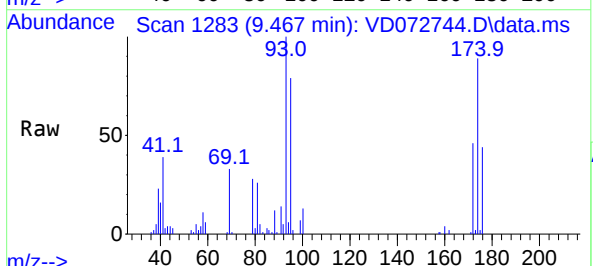
Tgt Ion: 93 Resp: 49880

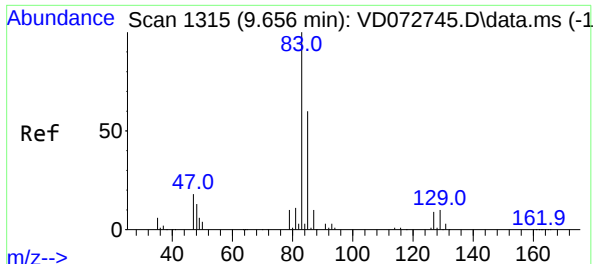
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 91.0 71.6 107.4





#47
Bromodichloromethane
Concen: 19.444 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

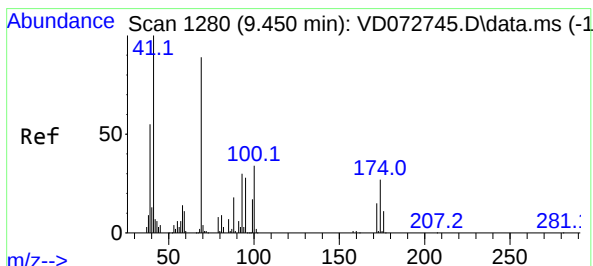
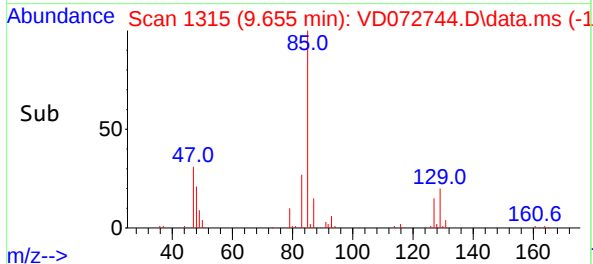
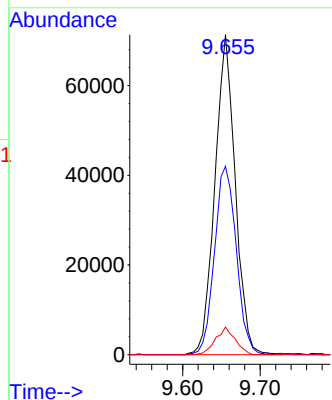
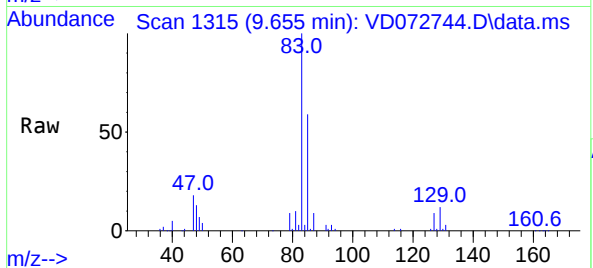
VSTDICC020

Tgt Ion: 83 Resp: 130318
Ion Ratio Lower Upper
83 100
85 58.9 51.4 77.0
127 8.7 6.1 9.1

Manual Integrations

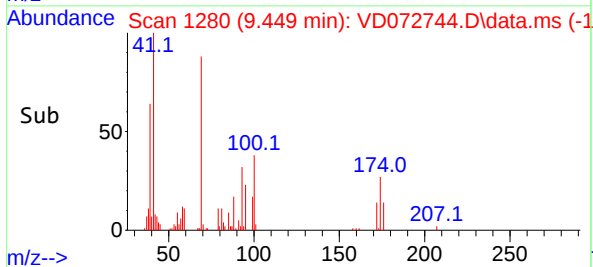
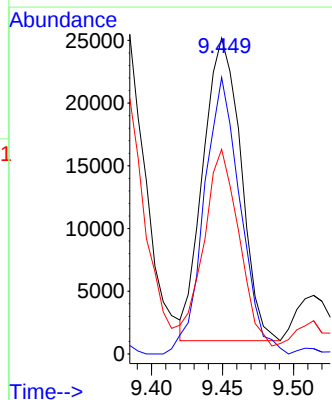
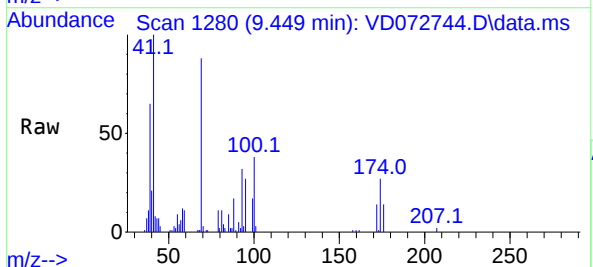
APPROVED

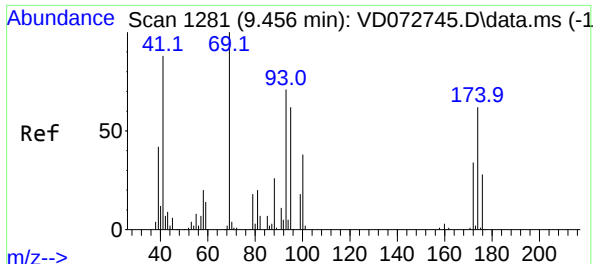
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#48
Methyl methacrylate
Concen: 17.249 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

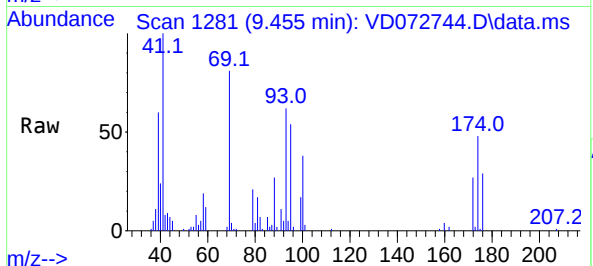
Tgt Ion: 41 Resp: 44589
Ion Ratio Lower Upper
41 100
69 87.9 56.7 85.1#
39 67.5 42.7 64.1#





#49
1,4-Dioxane
Concen: 358.442 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

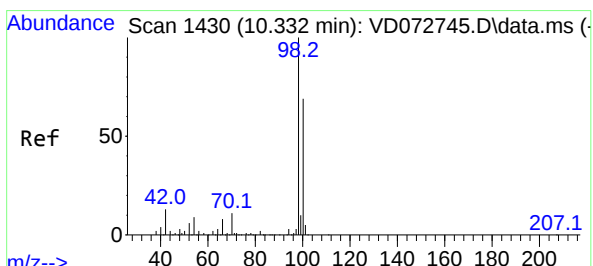
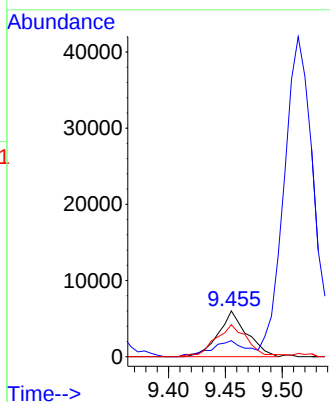
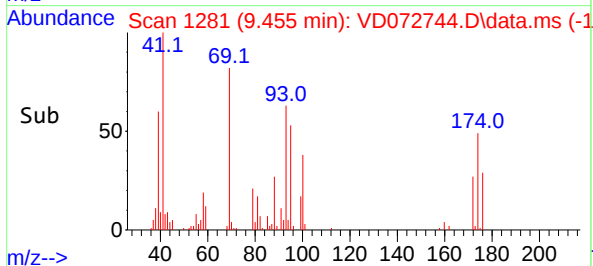
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



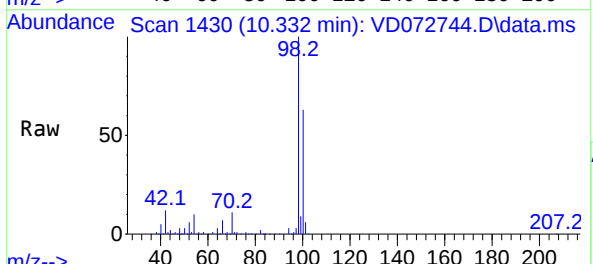
Tgt Ion: 88 Resp: 10510
Ion Ratio Lower Upper
88 100
43 40.3 31.0 46.4
58 79.0 58.1 87.1

Manual Integrations
APPROVED

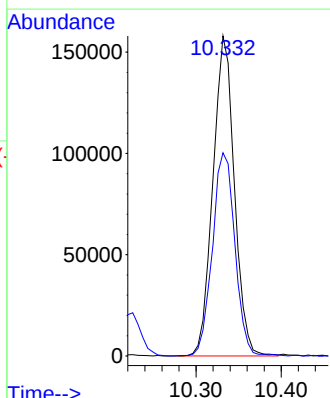
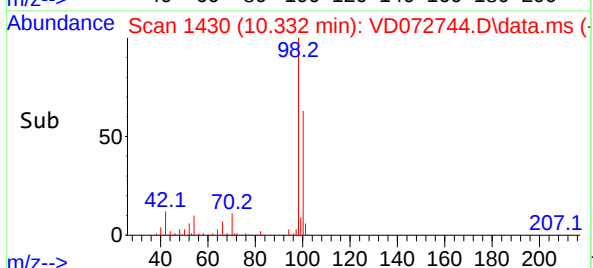
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

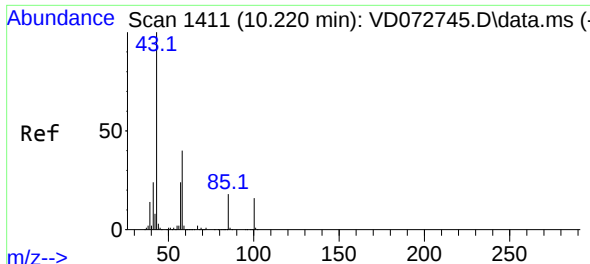


#50
Toluene-d8
Concen: 20.084 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



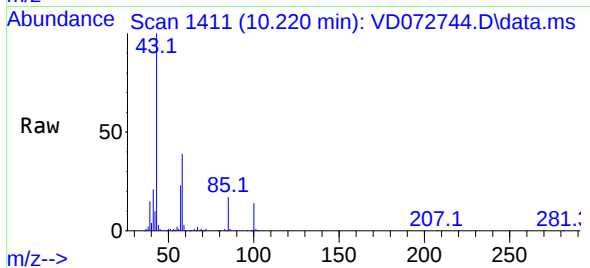
Tgt Ion: 98 Resp: 275925
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 94.310 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

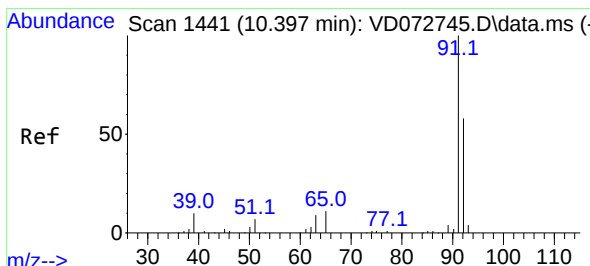
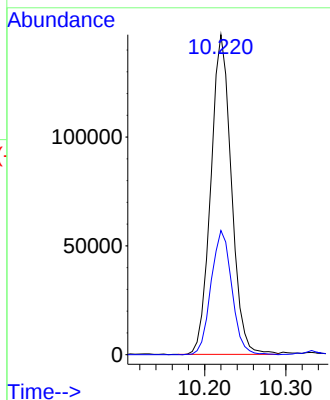
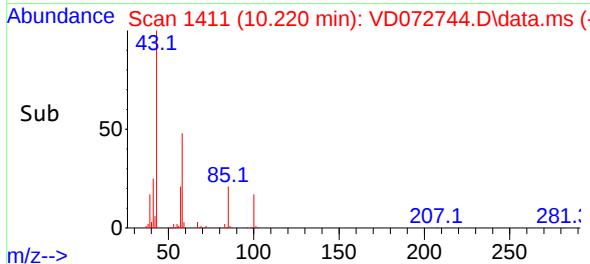
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



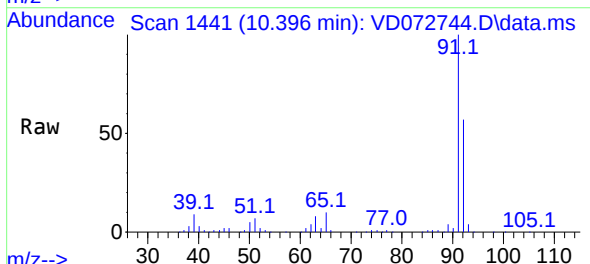
Tgt Ion: 43 Resp: 25895
Ion Ratio Lower Upper
43 100
58 39.2 28.6 43.0

Manual Integrations
APPROVED

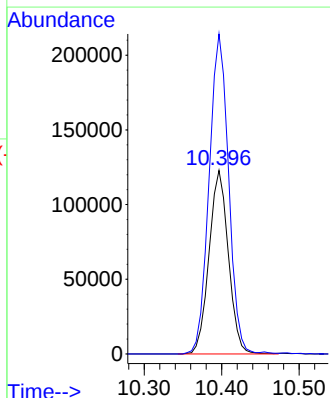
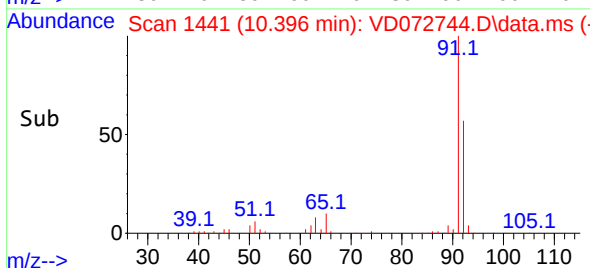
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

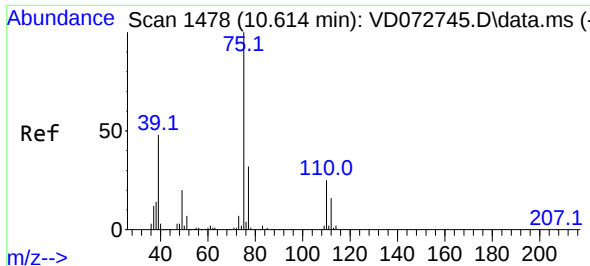


#52
Toluene
Concen: 18.987 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



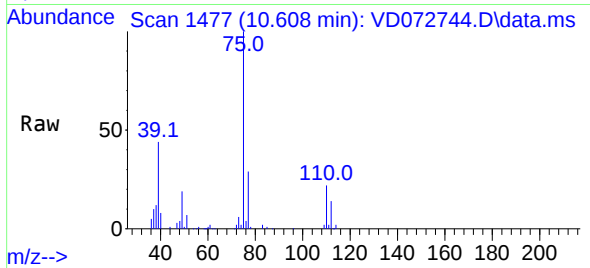
Tgt Ion: 92 Resp: 213008
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.193 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

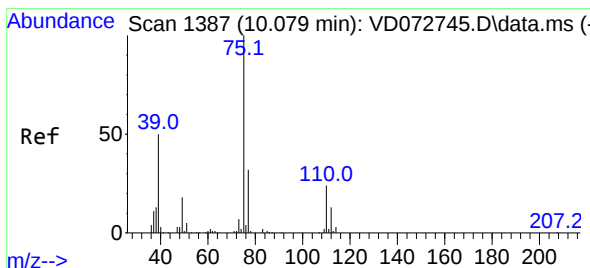
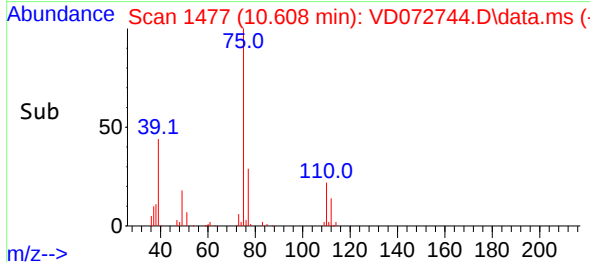
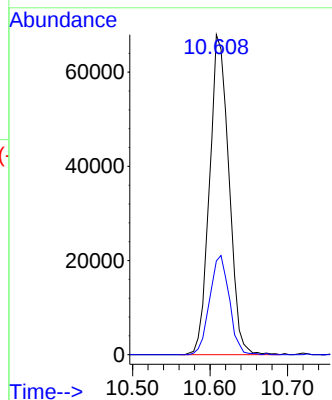
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 118150
Ion Ratio Lower Upper
75 100
77 29.3 24.5 36.7

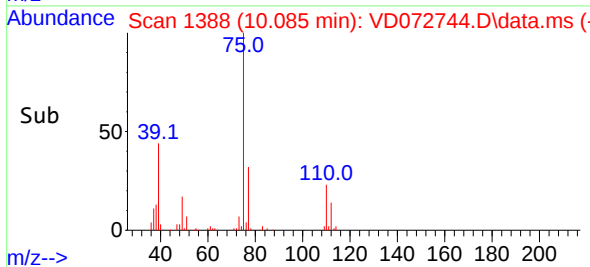
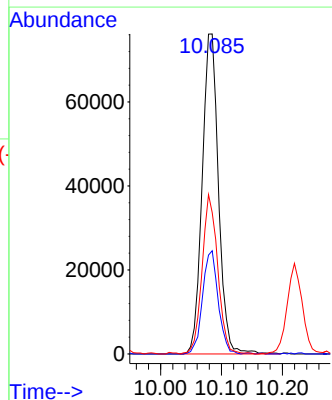
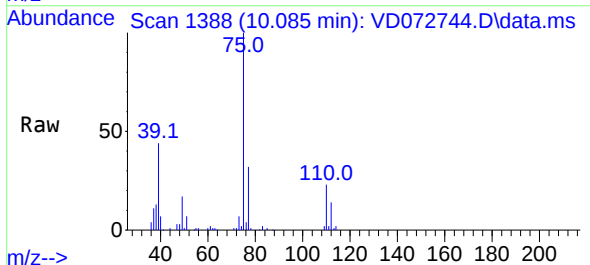
Manual Integrations
APPROVED

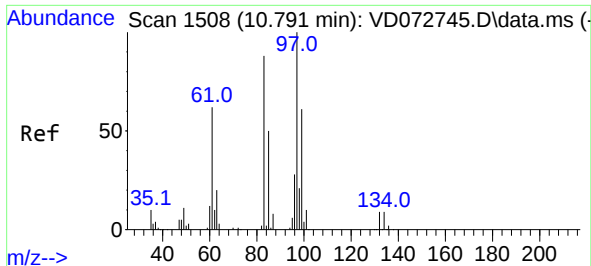
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#54
cis-1,3-Dichloropropene
Concen: 19.798 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 75 Resp: 141603
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 44.2 46.8 70.2#





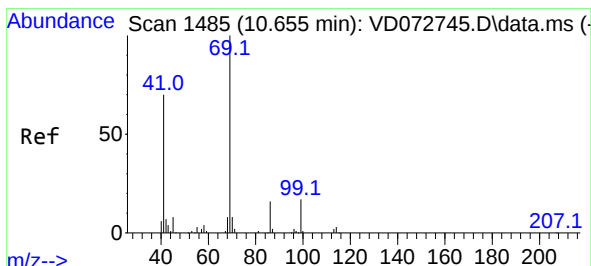
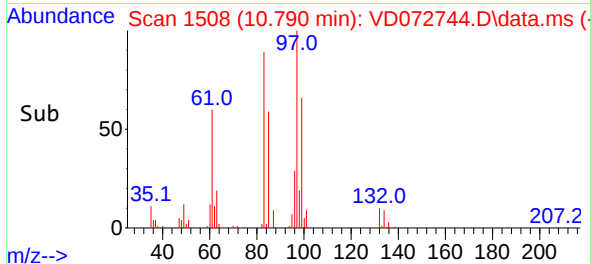
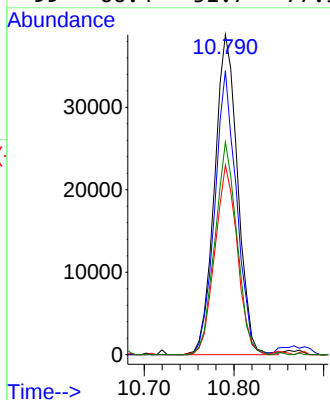
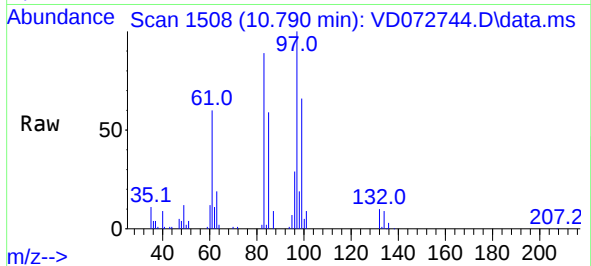
#55
1,1,2-Trichloroethane
Concen: 19.725 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 6947
Ion Ratio	Lower Upper
97 100	
83 88.8	69.0 103.4
85 59.3	42.6 63.8
99 66.4	51.7 77.5

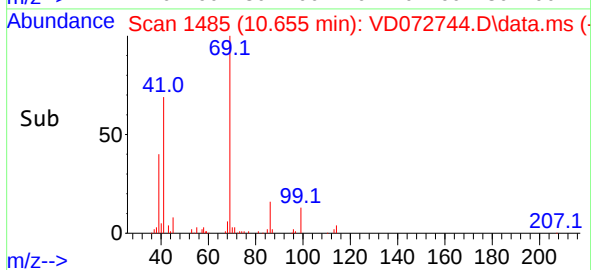
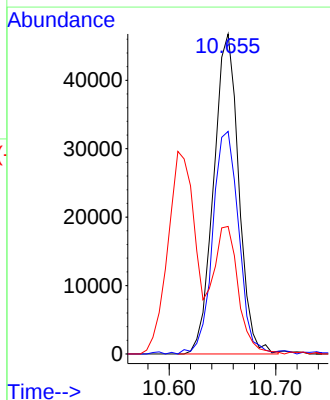
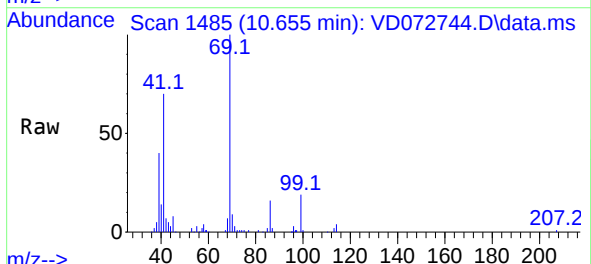
Manual Integrations
APPROVED

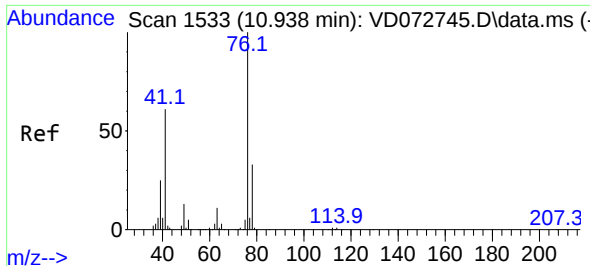
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#56
Ethyl methacrylate
Concen: 18.406 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 69	Resp: 76327
Ion Ratio	Lower Upper
69 100	
41 72.2	63.0 94.6
39 40.4	33.8 50.8





#57

1,3-Dichloropropane

Concen: 19.480 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 11773

Ion Ratio Lower Upper

76 100

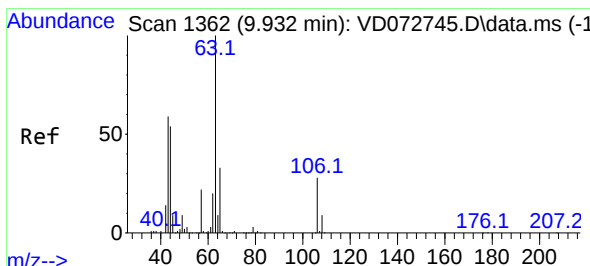
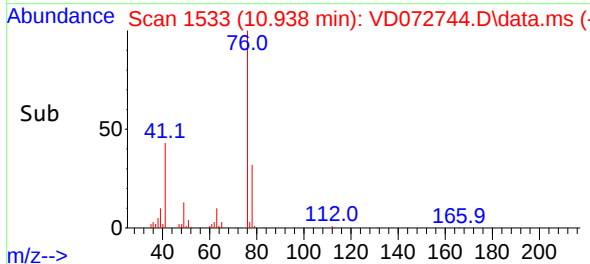
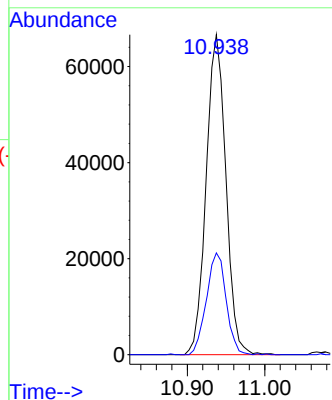
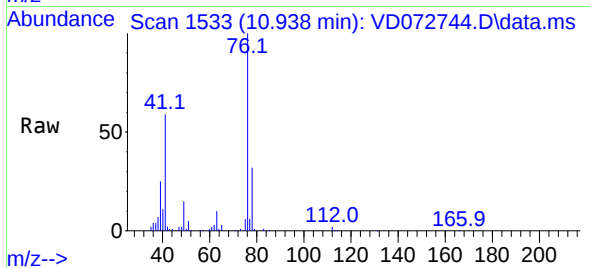
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.401 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072744.D

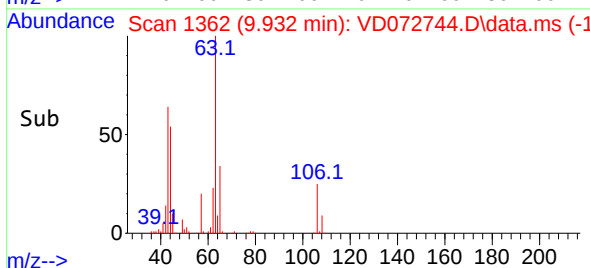
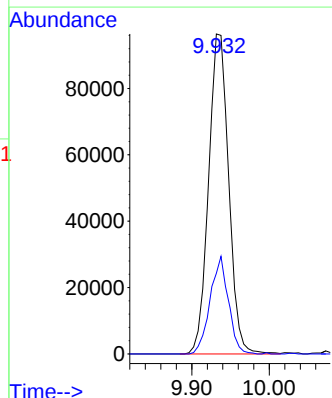
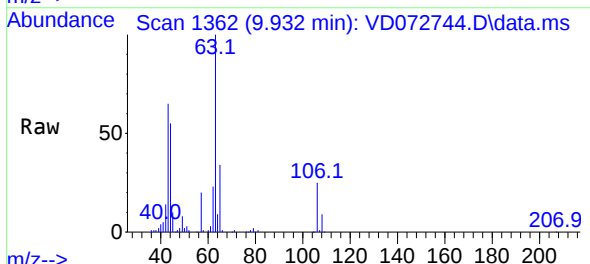
Acq: 02 May 2022 12:09

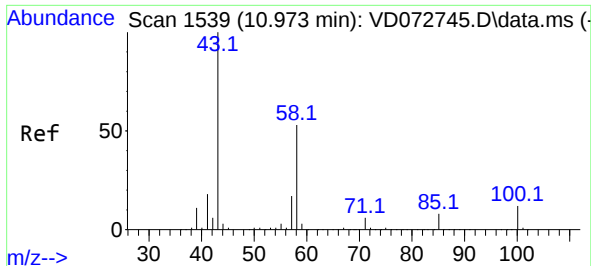
Tgt Ion: 63 Resp: 173713

Ion Ratio Lower Upper

63 100

106 27.7 21.4 32.0





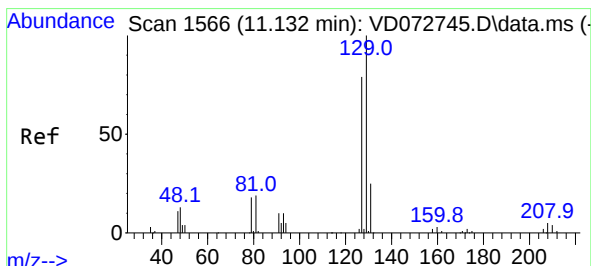
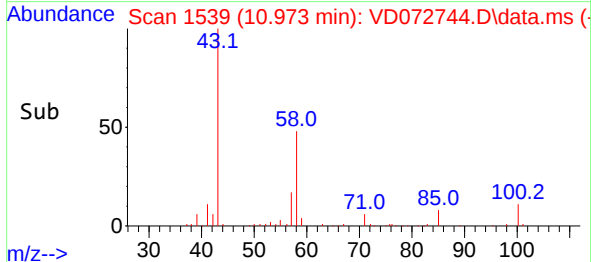
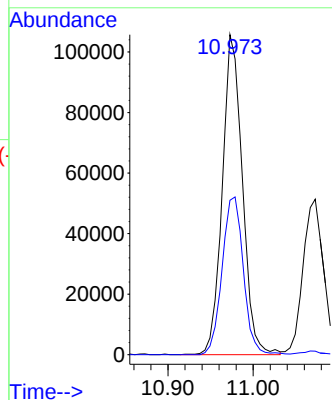
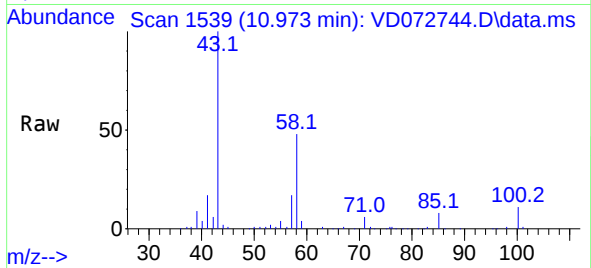
#59
2-Hexanone
Concen: 93.810 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 17332
Ion Ratio Lower Upper
43 100
58 52.2 25.3 75.9

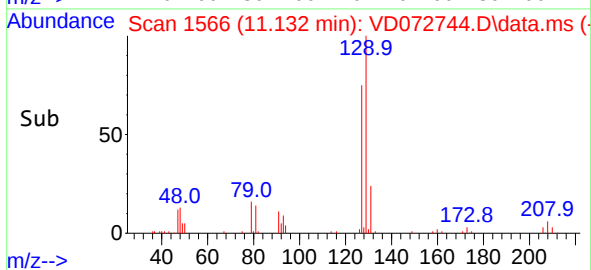
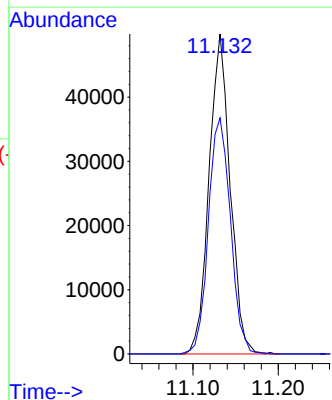
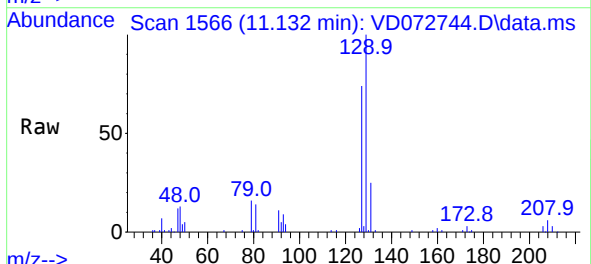
Manual Integrations
APPROVED

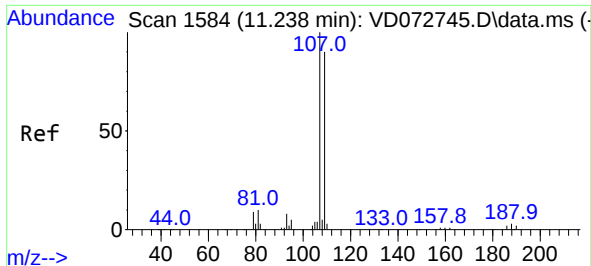
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#60
Dibromochloromethane
Concen: 19.308 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion:129 Resp: 85608
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





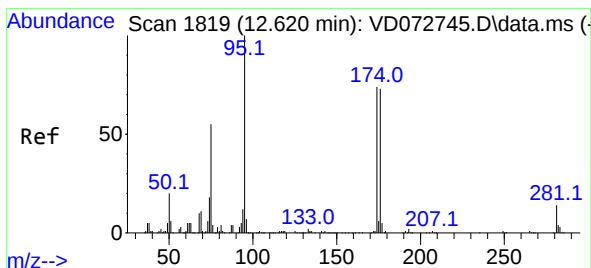
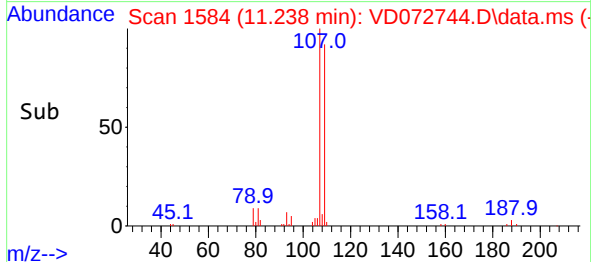
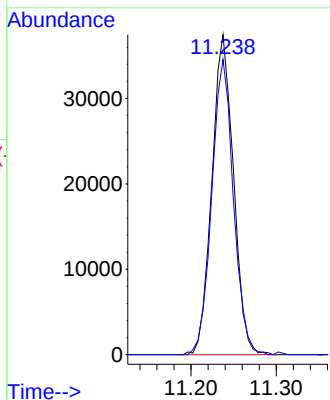
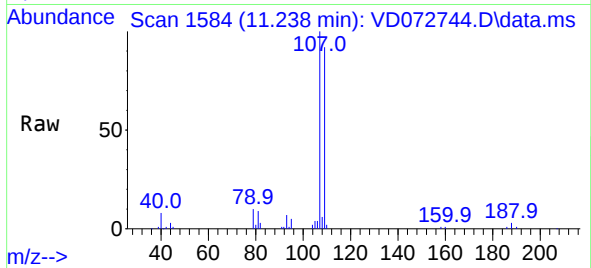
#61
1,2-Dibromoethane
Concen: 19.258 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 66019
Ion Ratio Lower Upper
107 100
109 92.2 74.2 111.4

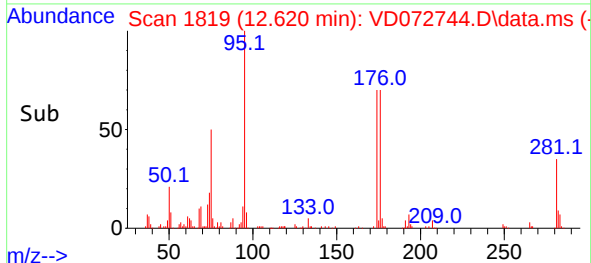
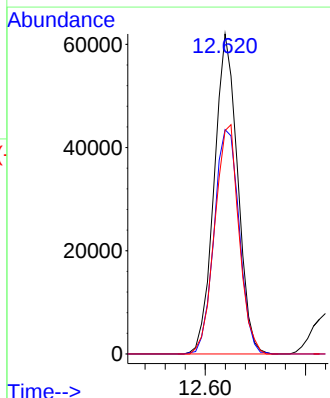
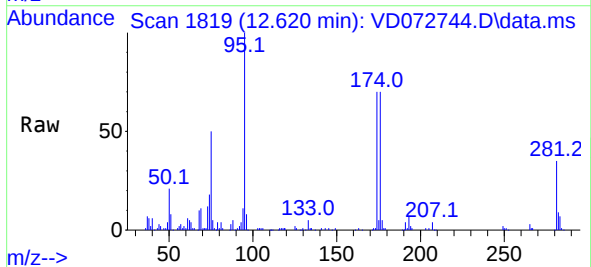
Manual Integrations
APPROVED

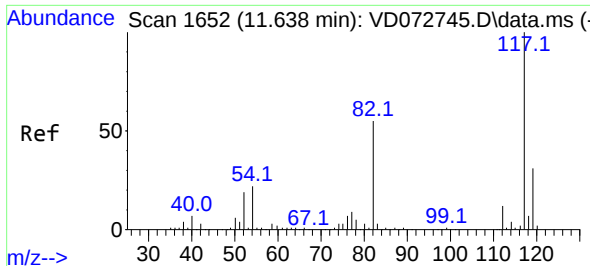
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#62
4-Bromofluorobenzene
Concen: 19.614 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

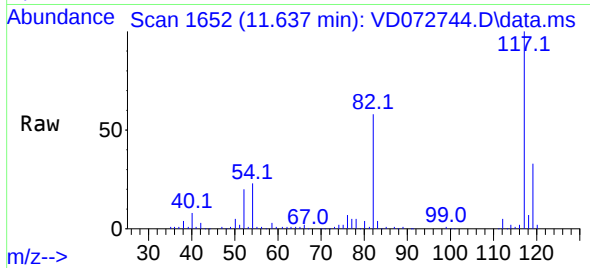
Tgt Ion: 95 Resp: 100478
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 74.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11637
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

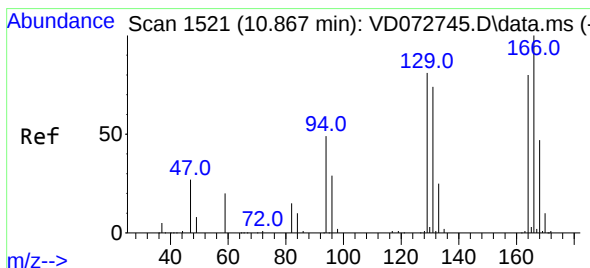
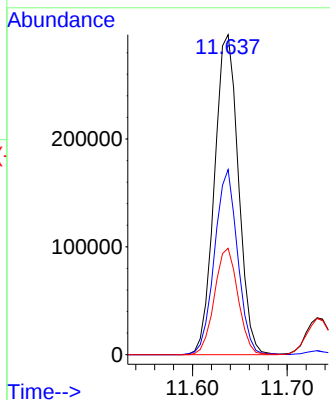
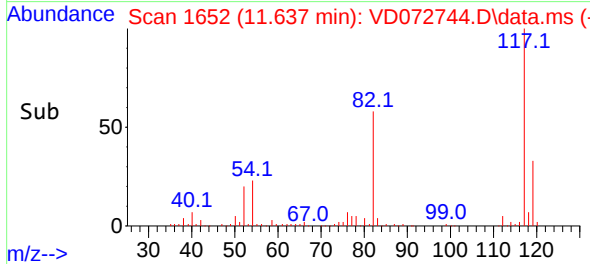
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



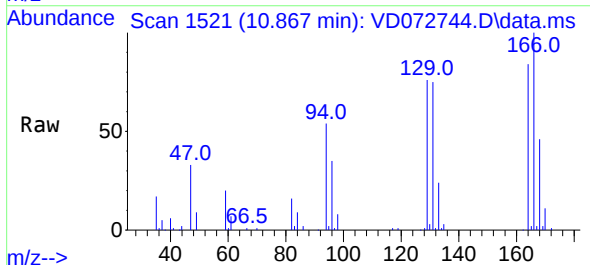
Tgt Ion:117 Resp: 522740
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 33.3 26.6 40.0

Manual Integrations
APPROVED

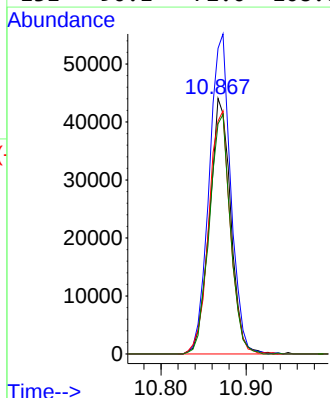
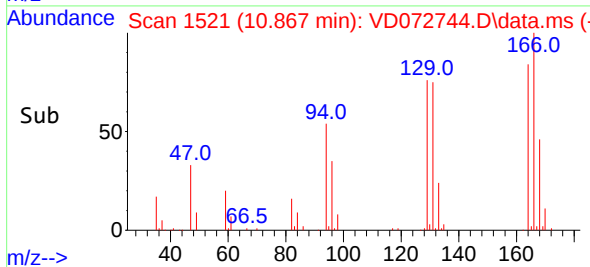
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

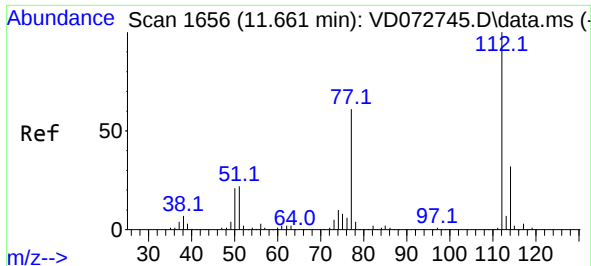


#64
Tetrachloroethene
Concen: 20.017 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



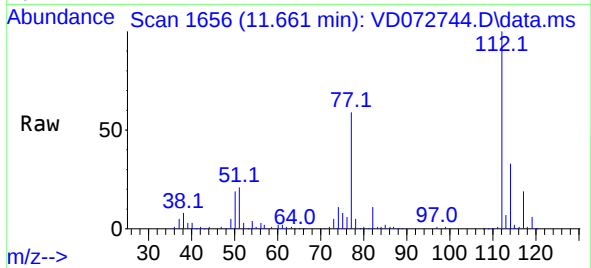
Tgt Ion:164 Resp: 76501
Ion Ratio Lower Upper
164 100
166 119.6 98.5 147.7
129 91.1 74.6 111.8
131 90.1 72.0 108.0





#65
Chlorobenzene
Concen: 19.594 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

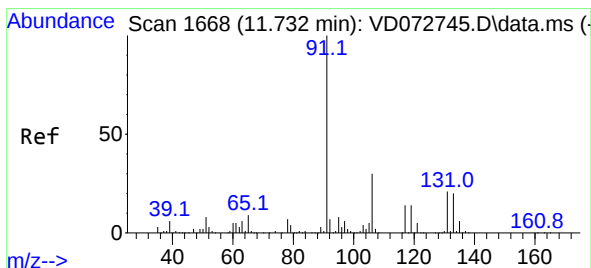
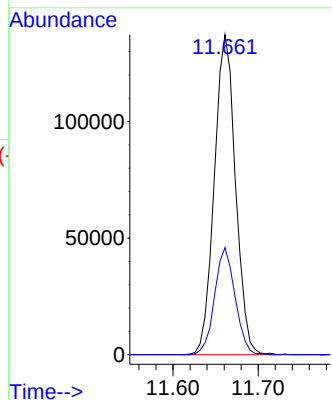
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 236908
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6

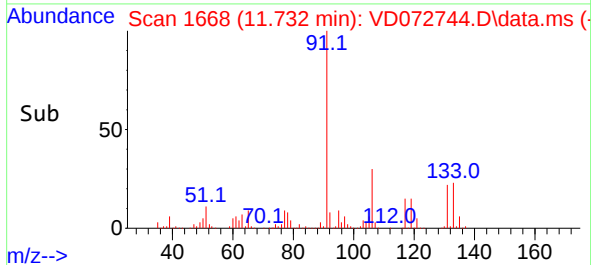
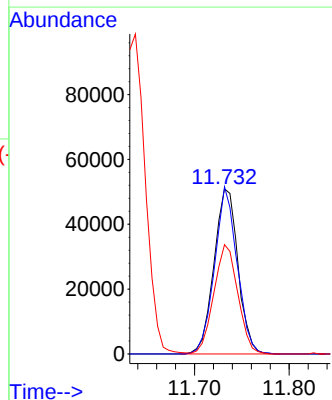
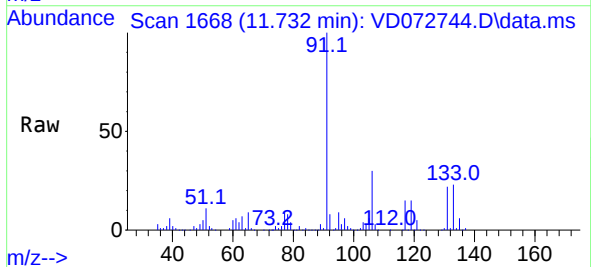
Manual Integrations
APPROVED

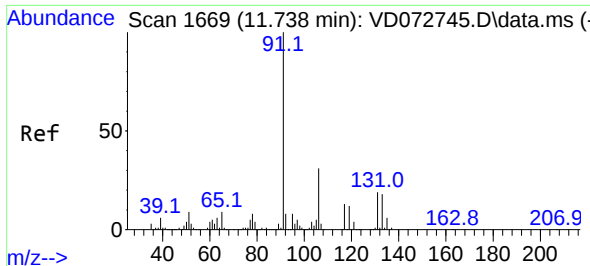
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.733 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

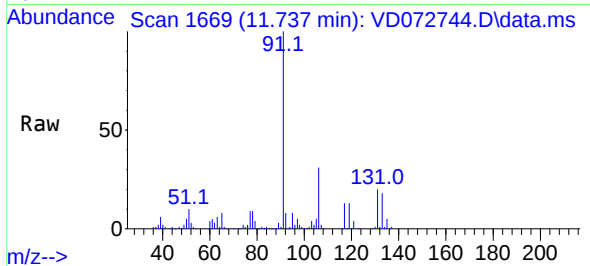
Tgt Ion:131 Resp: 89662
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 66.2 31.9 95.9





#67
Ethyl Benzene
Concen: 19.563 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

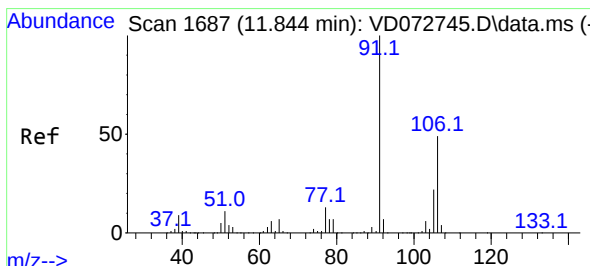
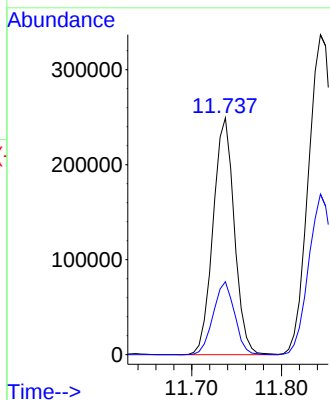
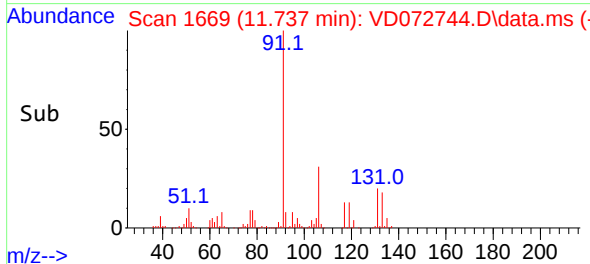
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



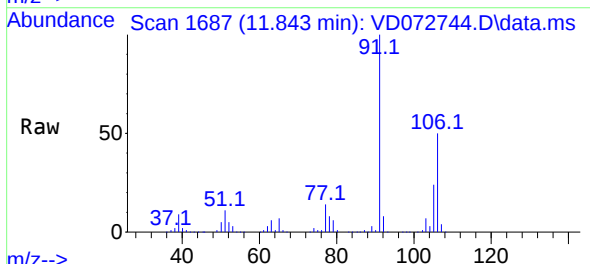
Tgt Ion: 91 Resp: 40935
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

Manual Integrations
APPROVED

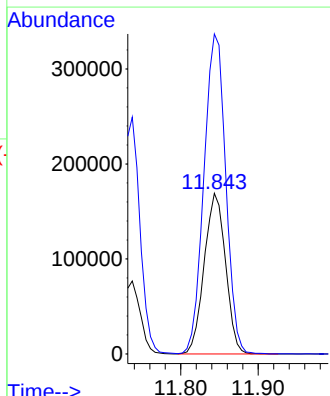
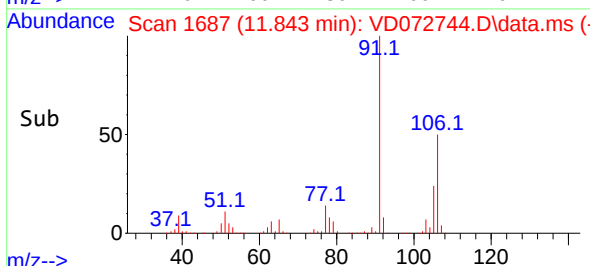
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

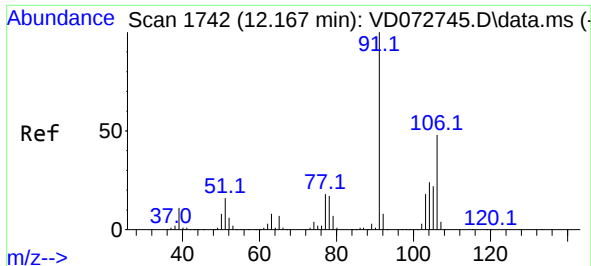


#68
m/p-Xylenes
Concen: 40.104 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion:106 Resp: 323246
Ion Ratio Lower Upper
106 100
91 203.2 163.7 245.5





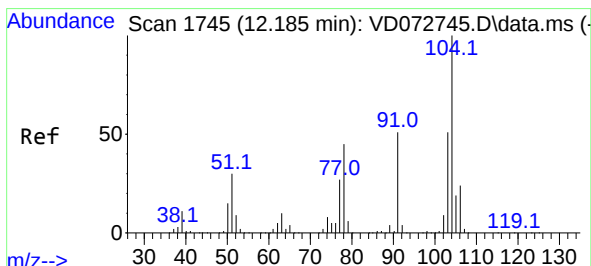
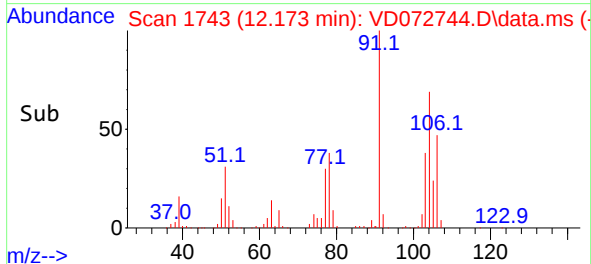
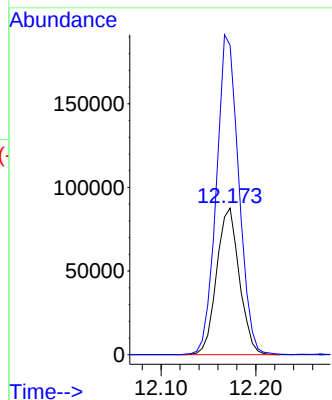
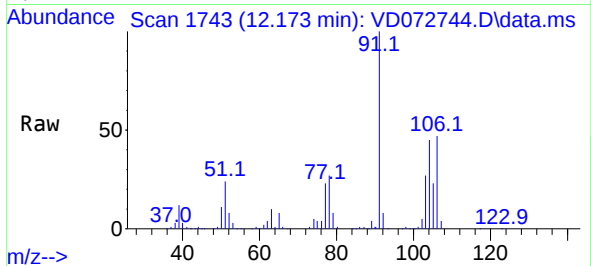
#69
o-Xylene
Concen: 19.399 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 146025
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2

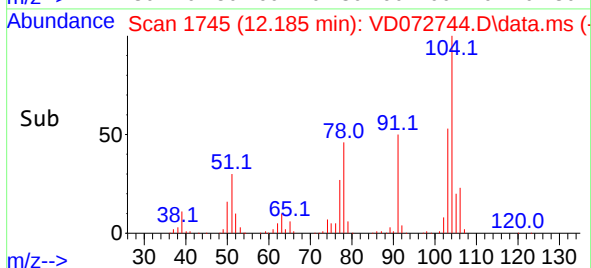
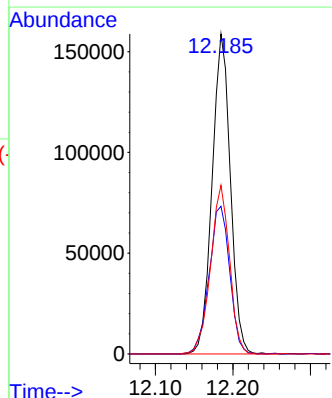
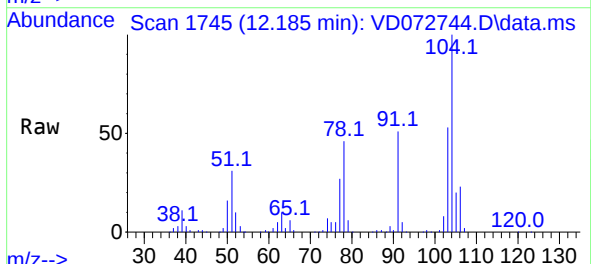
Manual Integrations
APPROVED

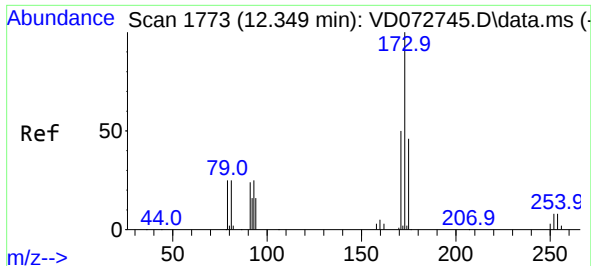
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#70
Styrene
Concen: 19.937 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

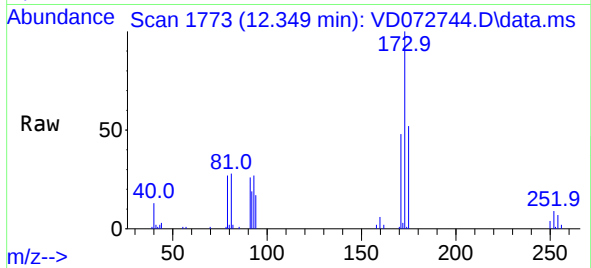
Tgt Ion:104 Resp: 260022
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 19.497 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

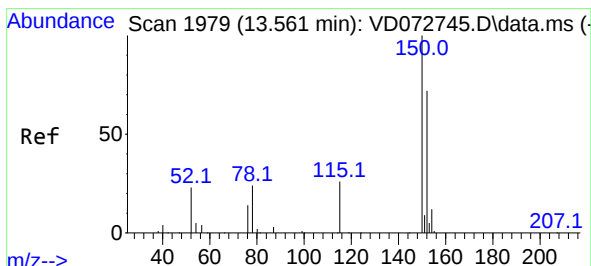
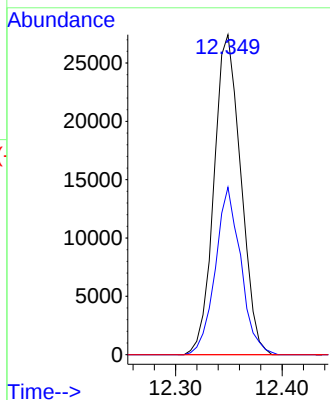
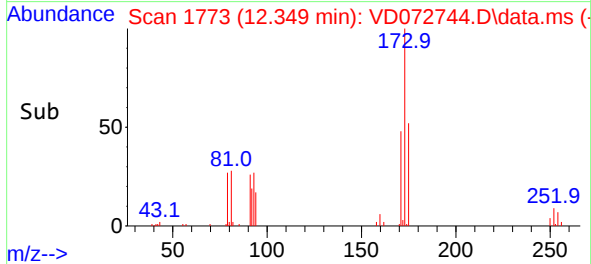
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



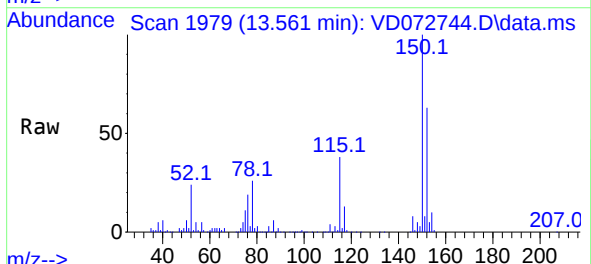
Tgt Ion:173 Resp: 4801
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

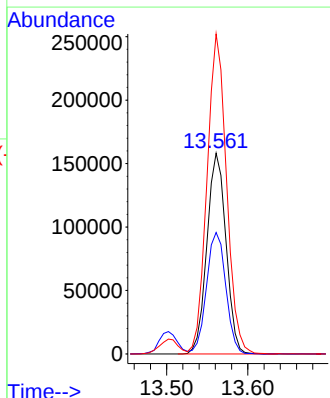
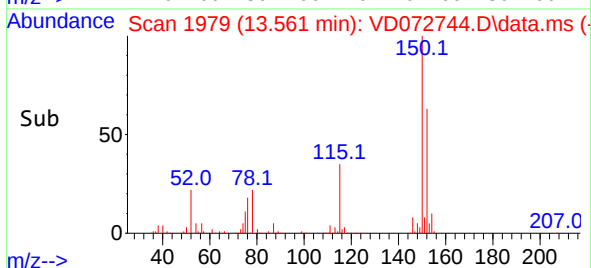
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

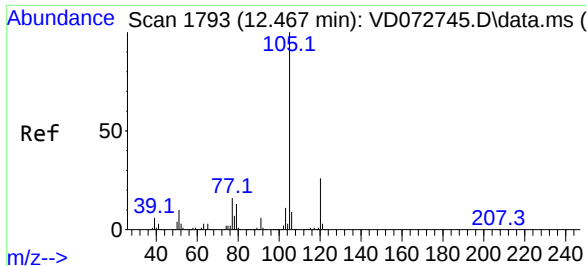


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion:152 Resp: 257744
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 163.3 0.0 348.6





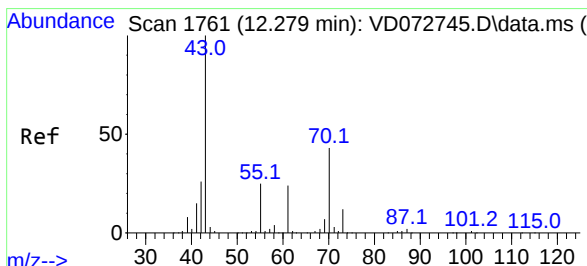
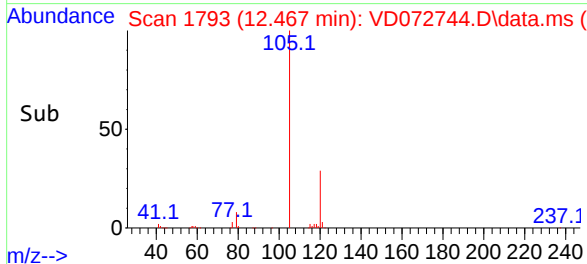
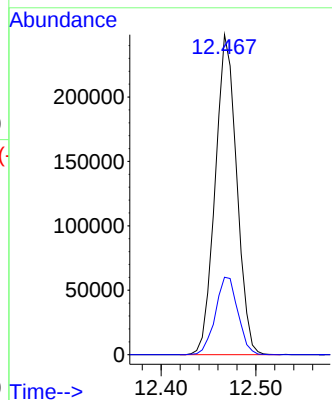
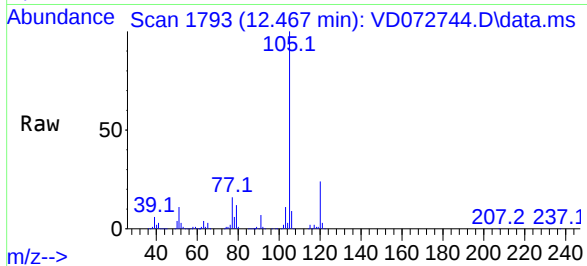
#73
Isopropylbenzene
Concen: 19.530 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 391645
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

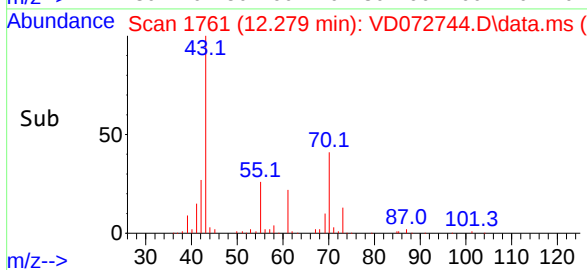
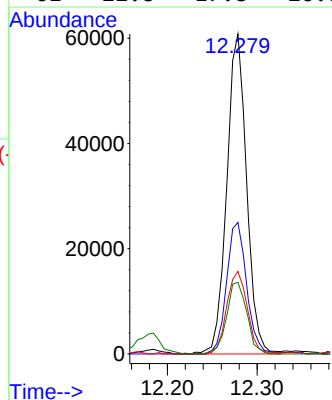
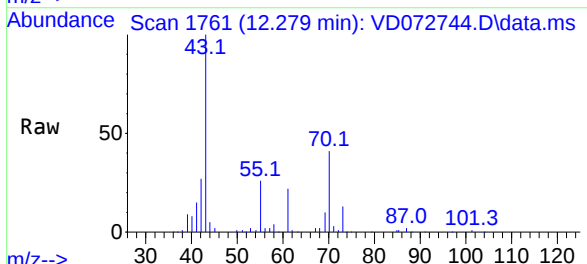
Manual Integrations
APPROVED

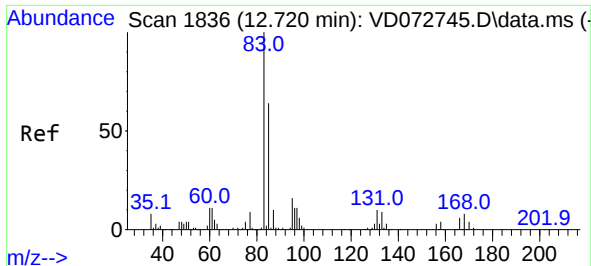
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#74
N-ethyl acetate
Concen: 18.728 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

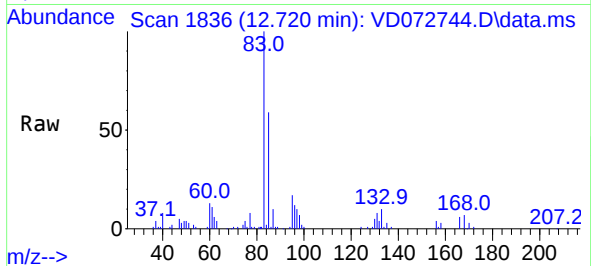
Tgt Ion: 43 Resp: 93526
Ion Ratio Lower Upper
43 100
70 41.5 31.3 46.9
55 26.9 20.0 30.0
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.711 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

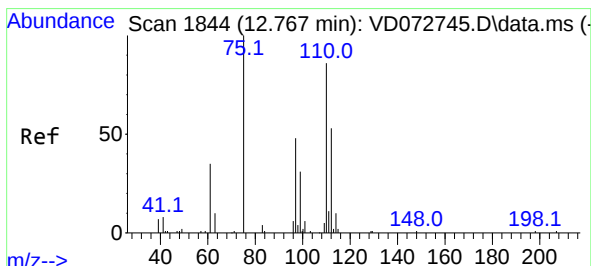
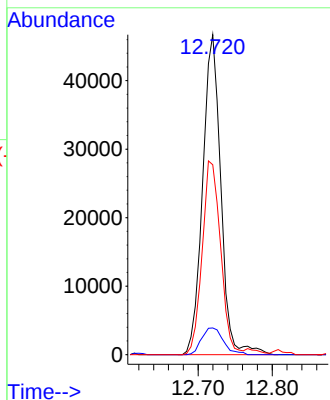
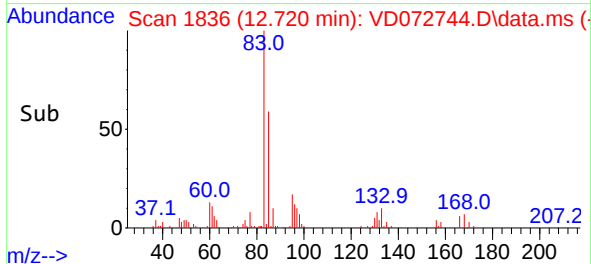
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



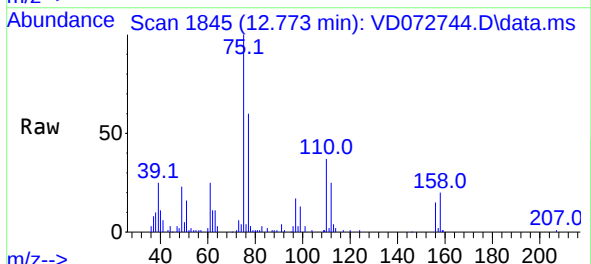
Tgt Ion: 83 Resp: 79790
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 61.2 32.6 98.0

Manual Integrations
APPROVED

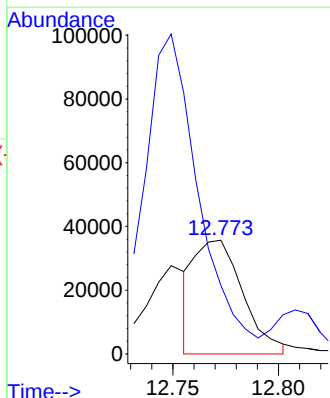
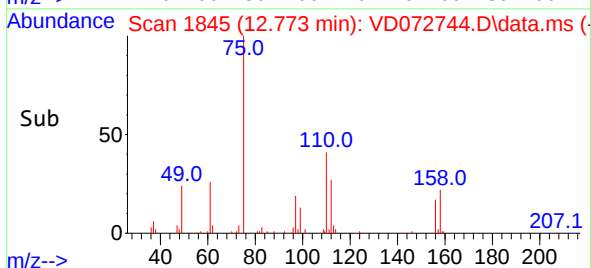
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

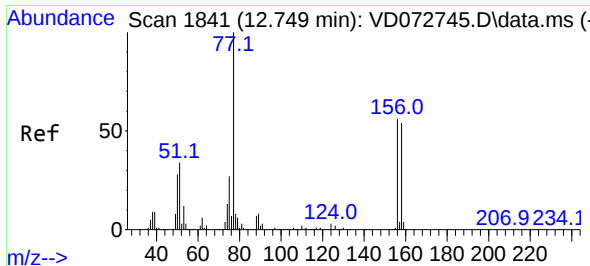


#76
1,2,3-Trichloropropane
Concen: 20.550 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion: 75 Resp: 57205
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





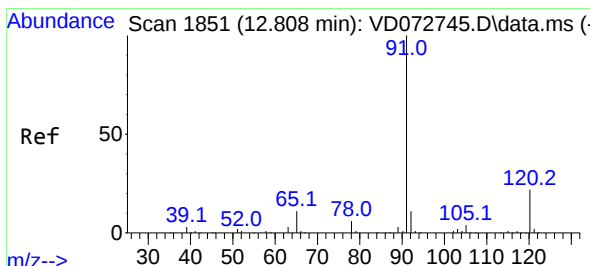
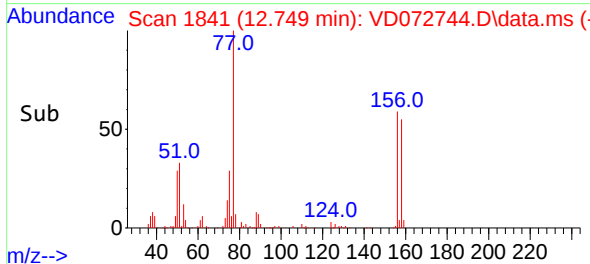
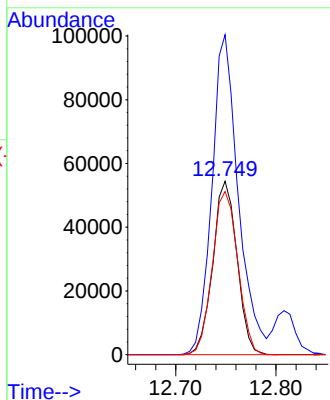
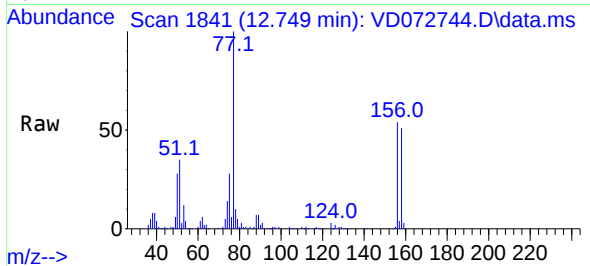
#77
Bromobenzene
Concen: 19.123 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 91064
Ion Ratio Lower Upper
156 100
77 201.0 102.8 308.3
158 98.9 48.7 146.1

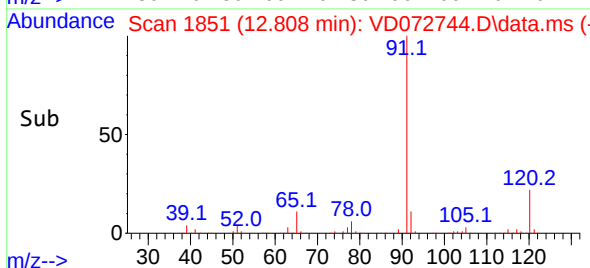
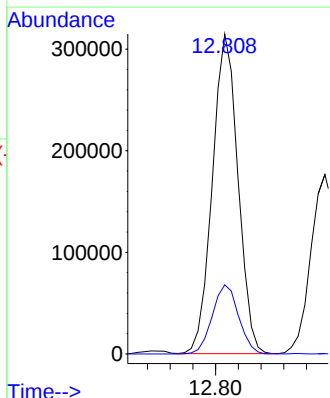
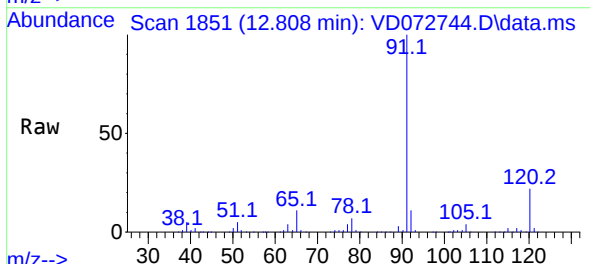
Manual Integrations
APPROVED

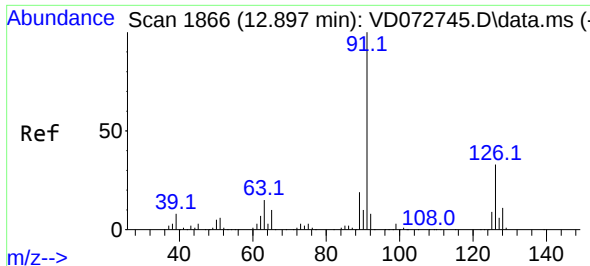
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#78
n-propylbenzene
Concen: 19.452 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Tgt Ion: 91 Resp: 491616
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





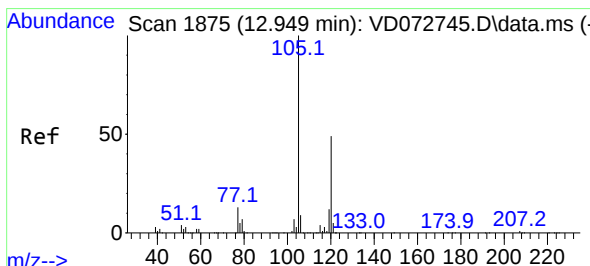
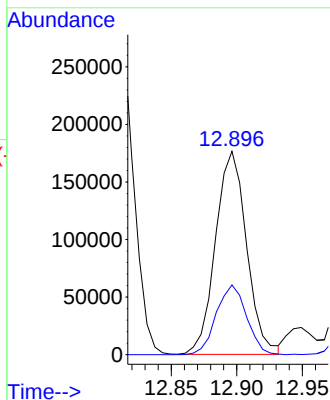
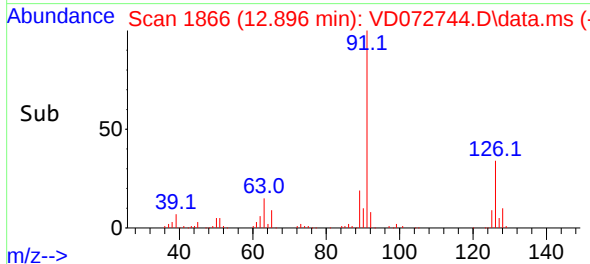
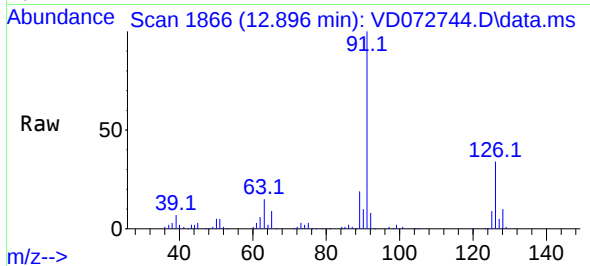
#79
2-Chlorotoluene
Concen: 19.730 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 291294
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

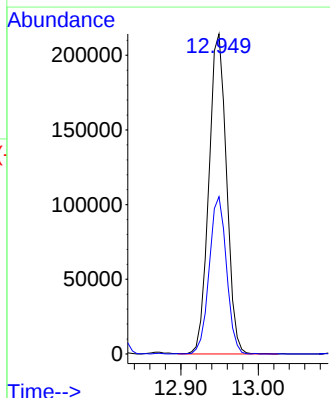
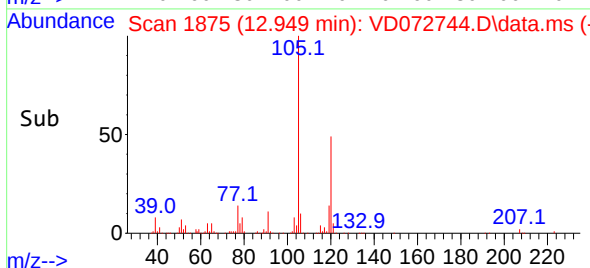
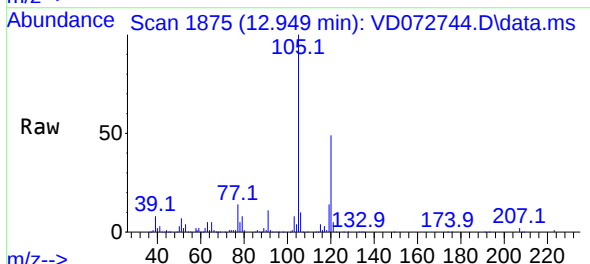
Manual Integrations
APPROVED

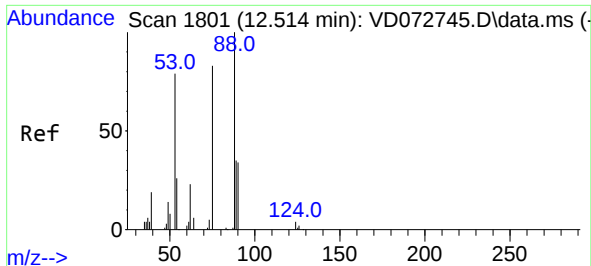
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.925 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

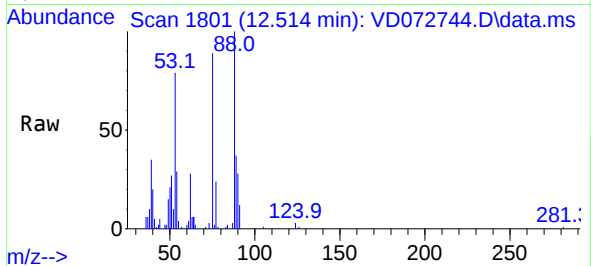
Tgt Ion:105 Resp: 338806
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.476 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

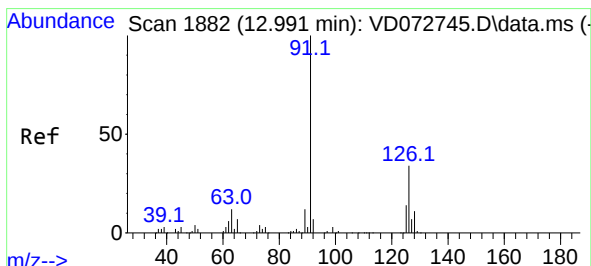
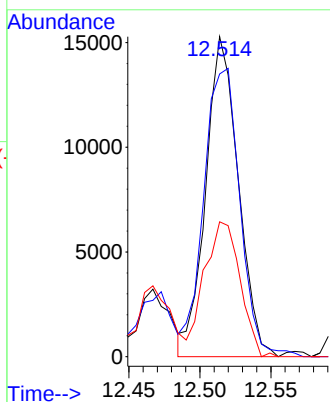
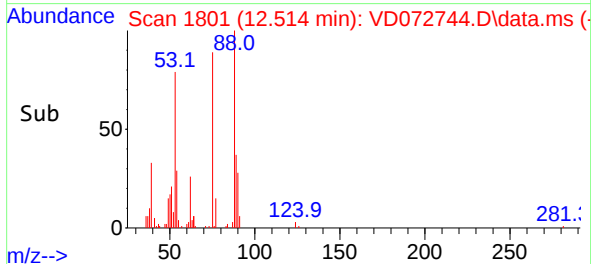
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



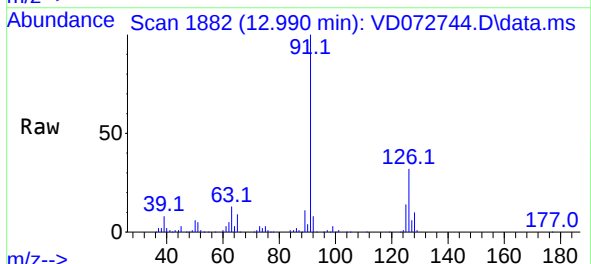
Tgt Ion: 75 Resp: 2434
Ion Ratio Lower Upper
75 100
53 100.5 86.5 129.7
89 46.1 33.9 50.9

Manual Integrations
APPROVED

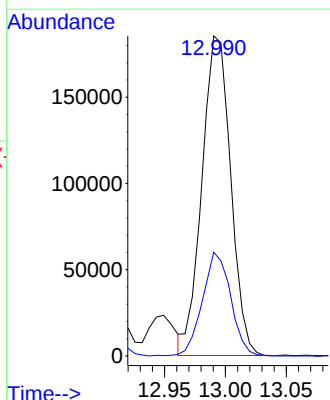
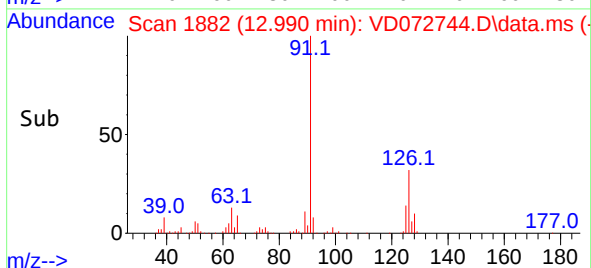
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

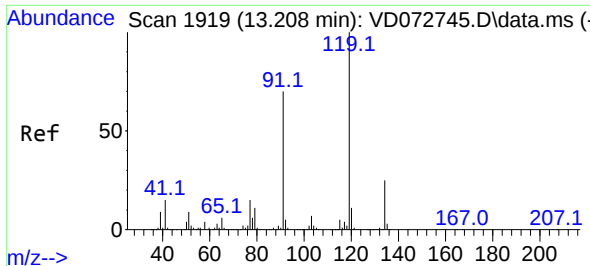


#82
4-Chlorotoluene
Concen: 19.745 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



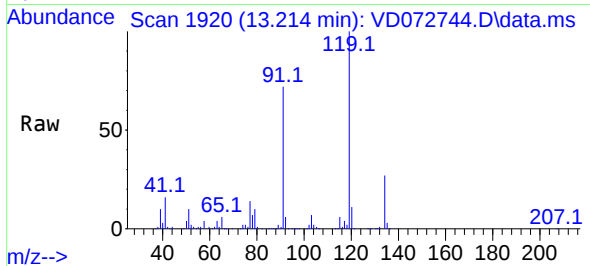
Tgt Ion: 91 Resp: 304589
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.053 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

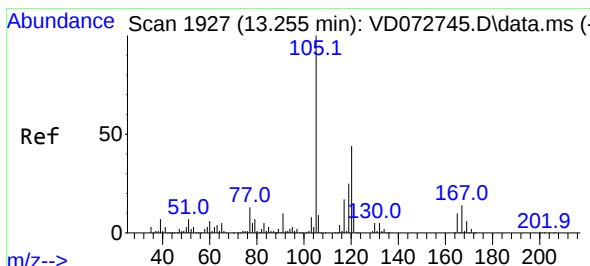
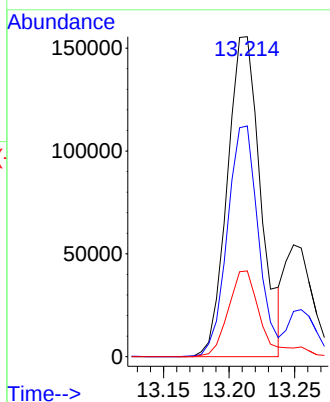
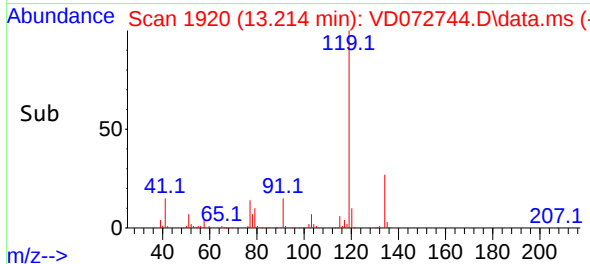
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



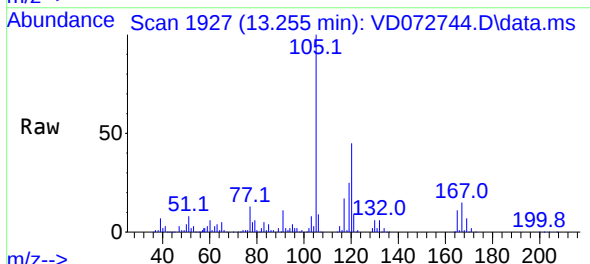
Tgt Ion:119 Resp: 275429
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 26.7 13.3 39.9

Manual Integrations
APPROVED

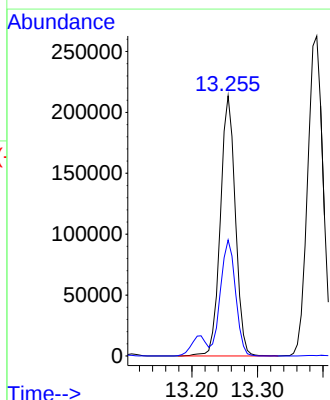
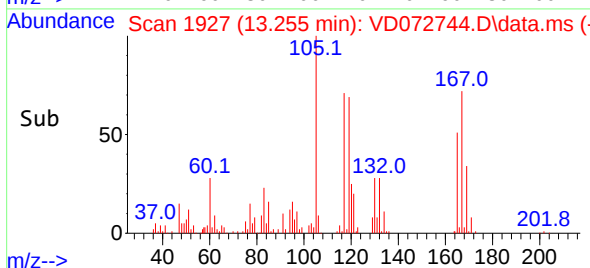
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

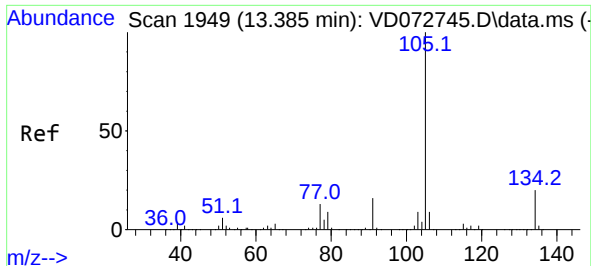


#84
1,2,4-Trimethylbenzene
Concen: 19.835 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion:105 Resp: 337120
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.628 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD072744.D
 Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

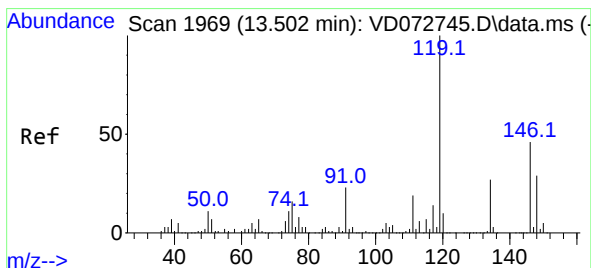
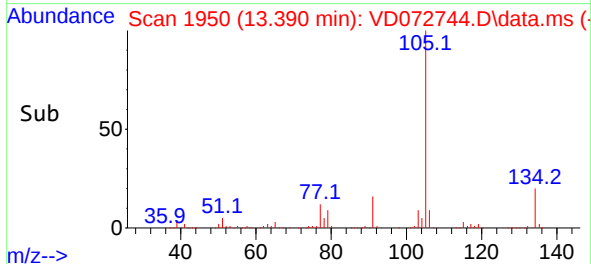
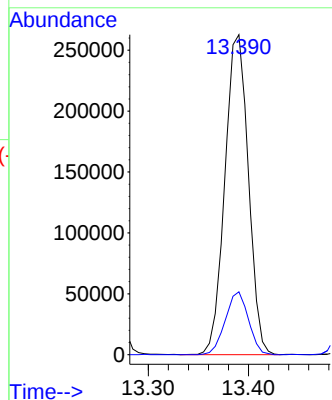
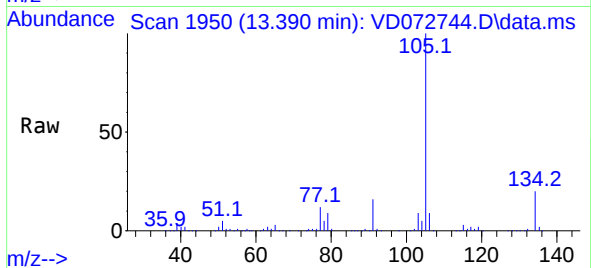
VSTDIC020

Tgt Ion:105 Resp: 42796
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations

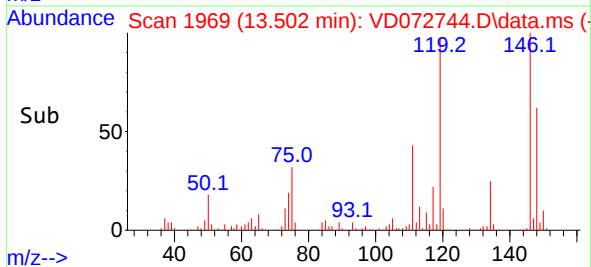
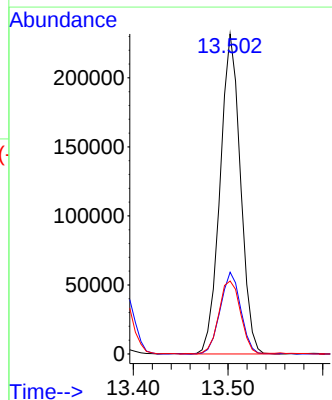
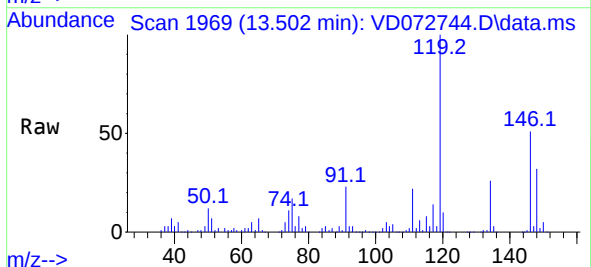
APPROVED

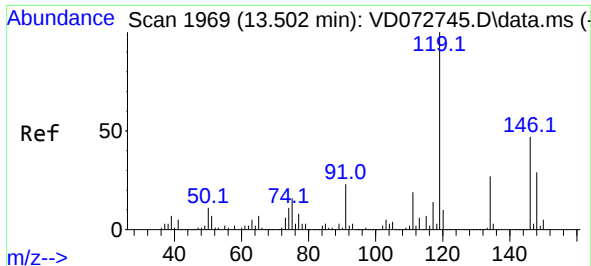
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#86
 p-Isopropyltoluene
 Concen: 19.380 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072744.D
 Acq: 02 May 2022 12:09

Tgt Ion:119 Resp: 346452
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.489 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 18695

Ion Ratio Lower Upper

146 100

111 42.9 20.4 61.3

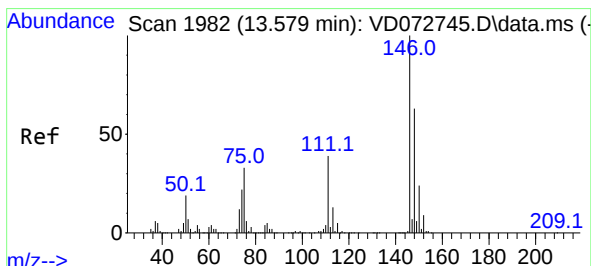
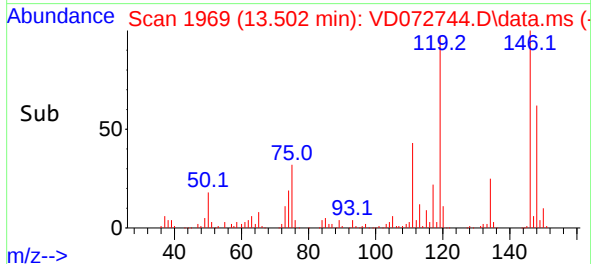
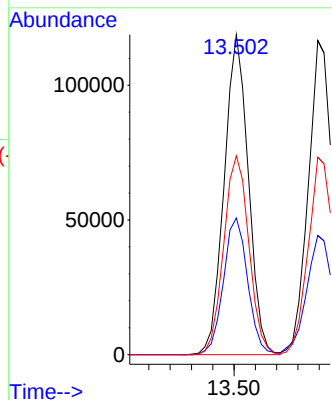
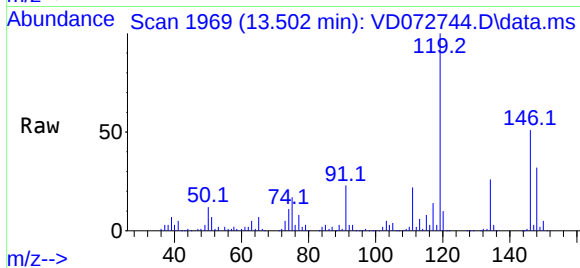
148 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#88

1,4-Dichlorobenzene

Concen: 19.537 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

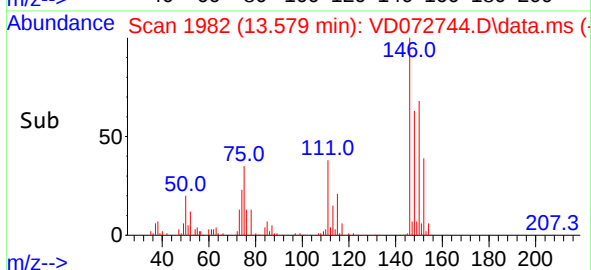
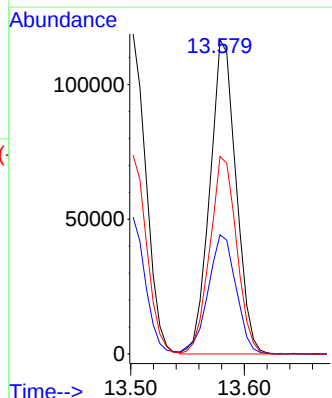
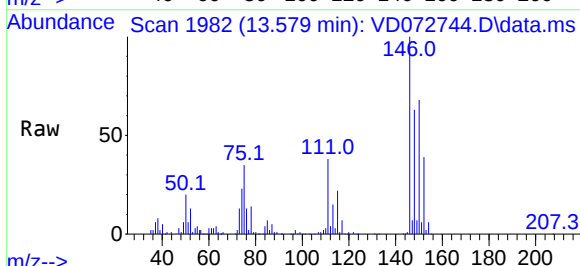
Tgt Ion:146 Resp: 186636

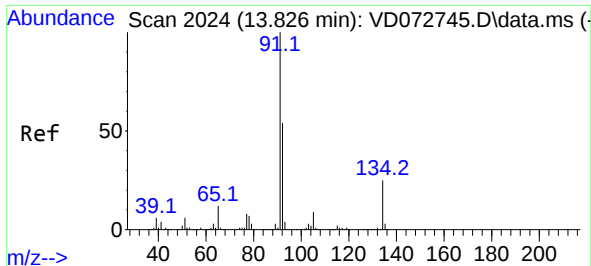
Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 19.146 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

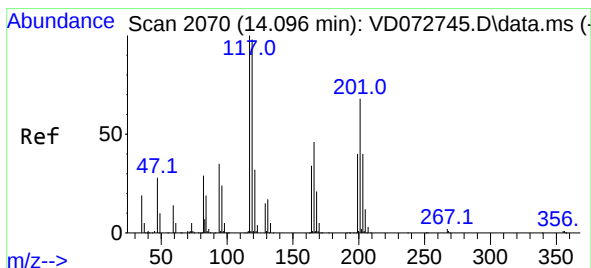
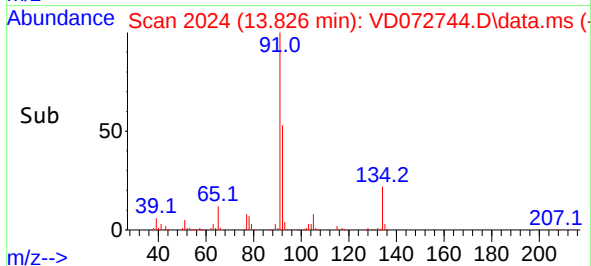
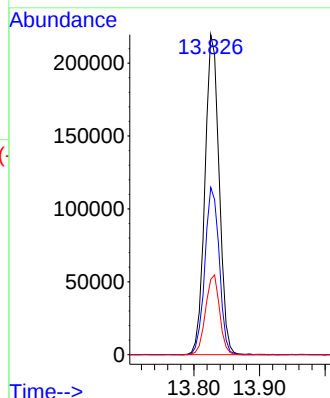
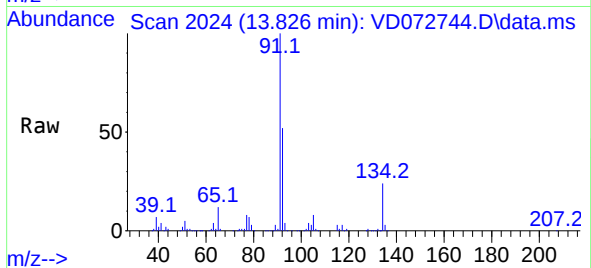
Tgt Ion:	91	Resp:	33155
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	24.6	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#90

Hexachloroethane

Concen: 19.307 ug/l

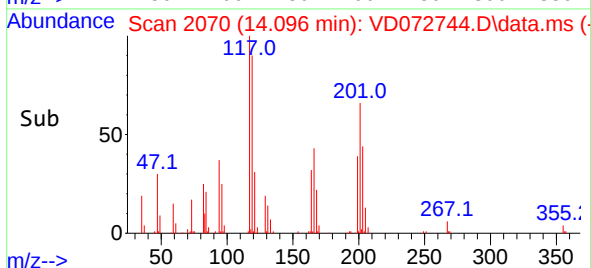
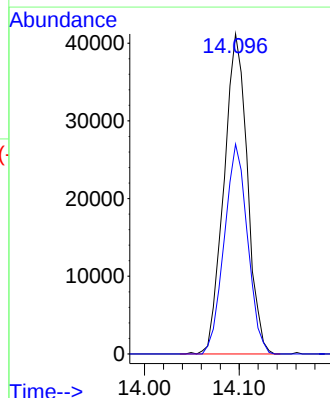
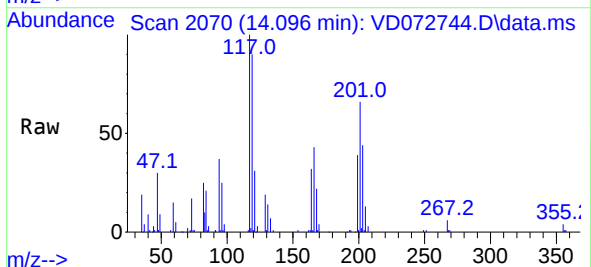
RT: 14.096 min Scan# 2070

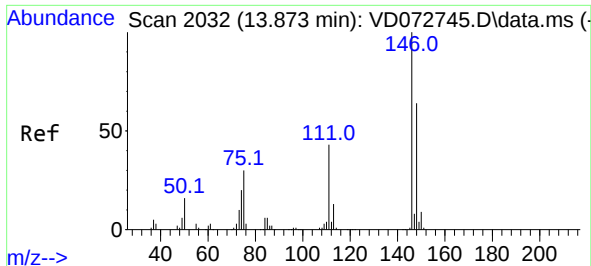
Delta R.T. -0.000 min

Lab File: VD072744.D

Acq: 02 May 2022 12:09

Tgt Ion:	117	Resp:	70706
Ion	Ratio	Lower	Upper
117	100		
201	65.2	33.4	100.2





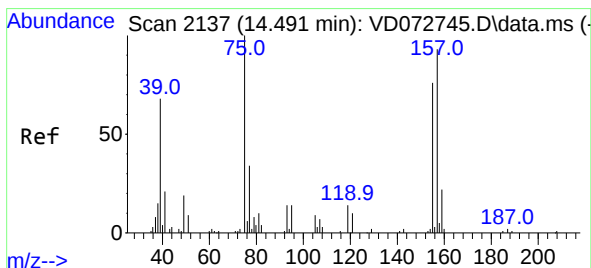
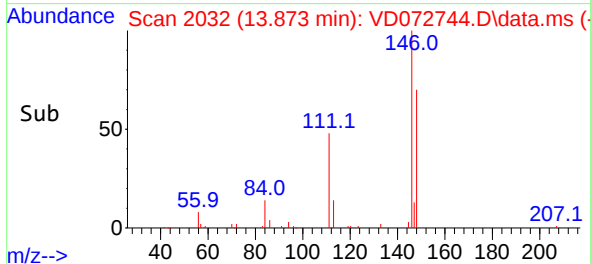
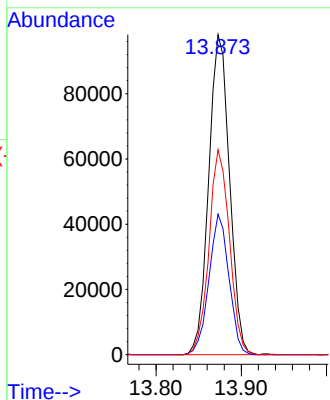
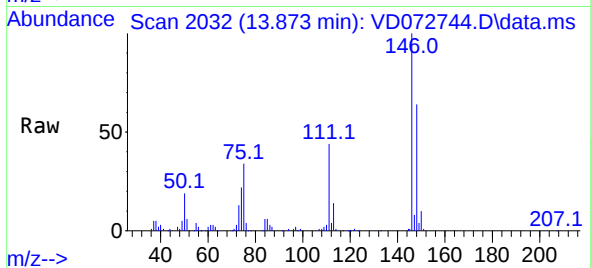
#91
1,2-Dichlorobenzene
Concen: 19.907 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 16642
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 63.1 31.7 95.1

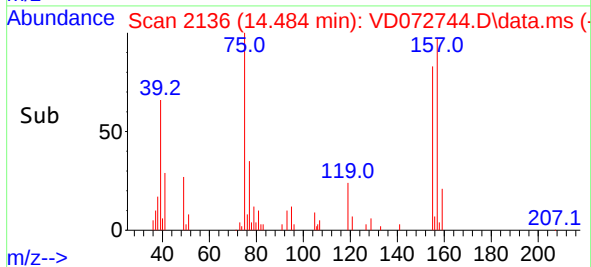
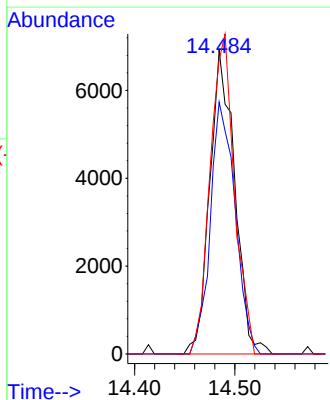
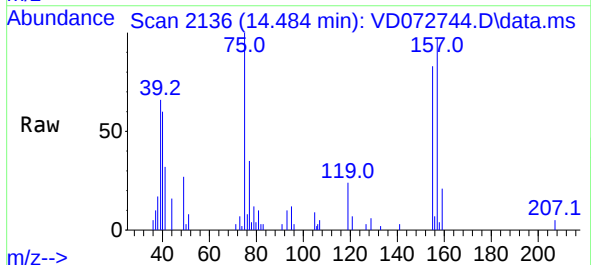
Manual Integrations
APPROVED

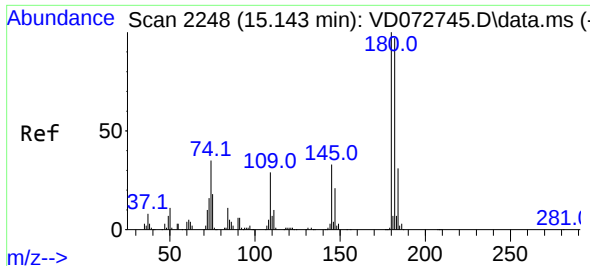
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.632 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

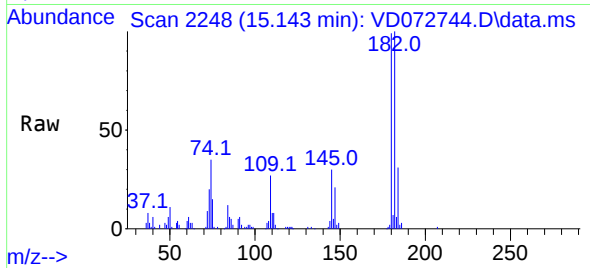
Tgt Ion: 75 Resp: 11956
Ion Ratio Lower Upper
75 100
155 82.4 36.8 110.3
157 102.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.858 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

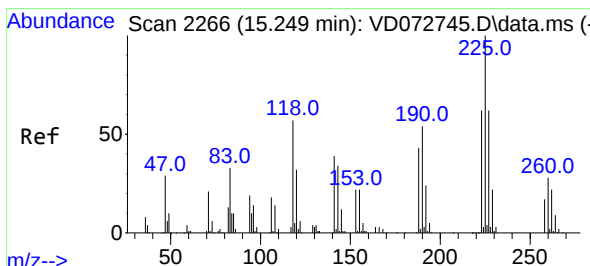
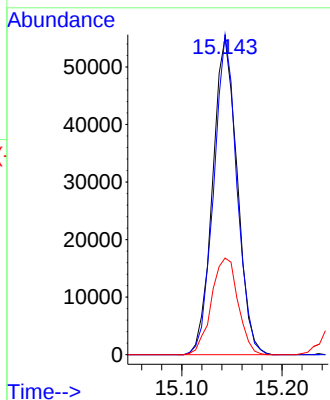
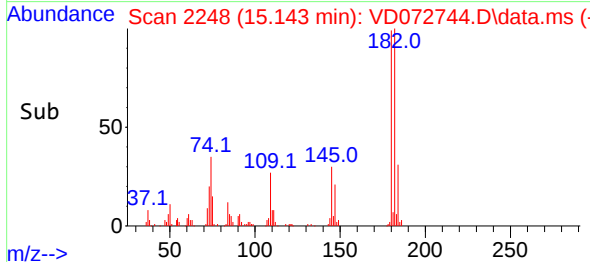
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



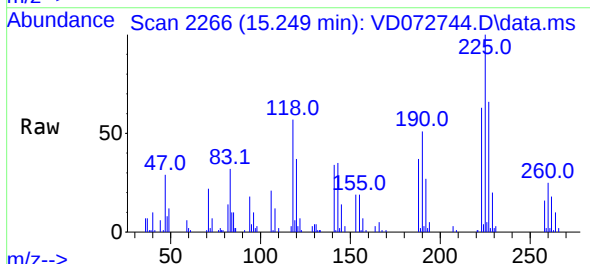
Tgt Ion:180 Resp: 9337
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 33.1 16.2 48.5

Manual Integrations
APPROVED

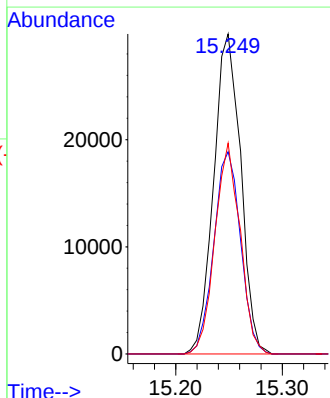
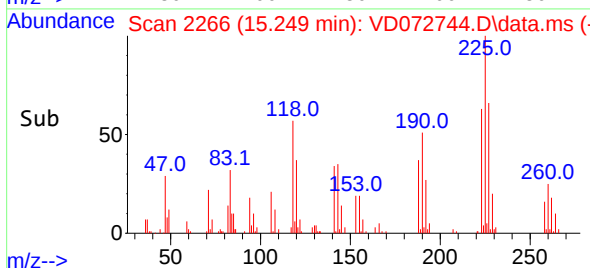
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

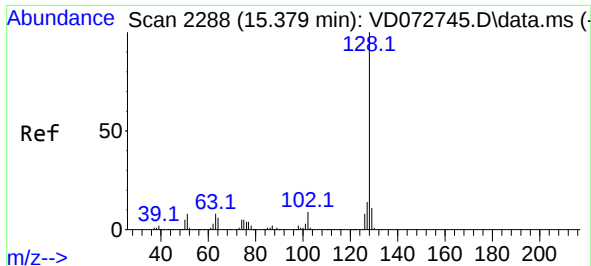


#94
Hexachlorobutadiene
Concen: 19.439 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



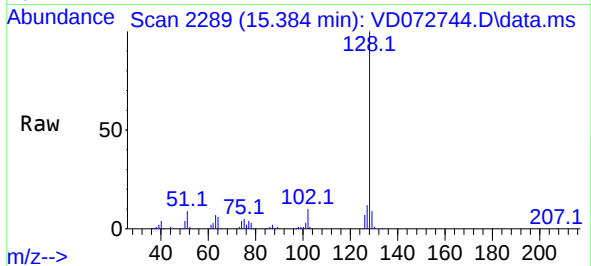
Tgt Ion:225 Resp: 52564
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 61.5 32.4 97.0





#95
Naphthalene
Concen: 18.384 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09

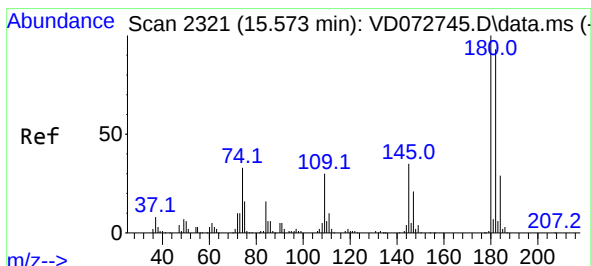
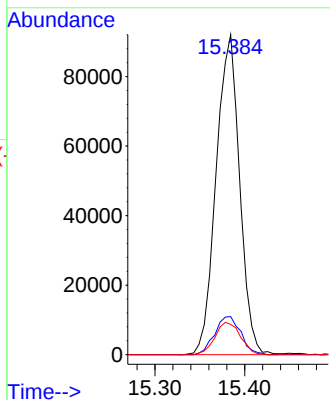
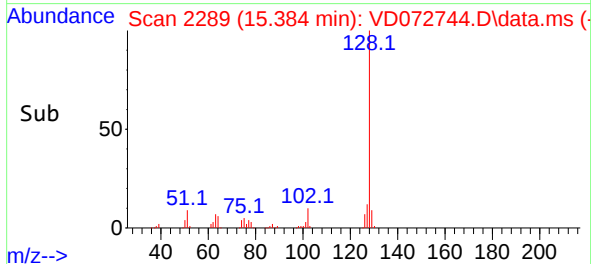
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



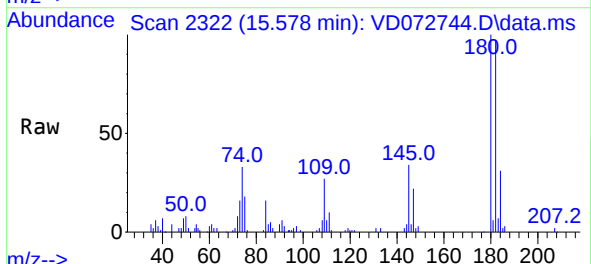
Tgt Ion:128 Resp: 16735
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.907 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD072744.D
Acq: 02 May 2022 12:09



Tgt Ion:180 Resp: 82985
Ion Ratio Lower Upper
180 100
182 92.8 47.6 142.9
145 33.7 17.1 51.3

