

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073072.D
 Acq On : 17 May 2022 23:24
 Operator : VA/SY
 Sample : VD0517SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS02

Quant Time: May 18 05:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	285396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	498366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	487372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186270	52.190	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.908	113	186244	53.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.460%			
50) Toluene-d8	10.332	98	692148	54.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.620	95	243780	53.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68814	19.282	ug/l	99
3) Chloromethane	2.209	50	72180	19.619	ug/l	96
4) Vinyl Chloride	2.344	62	64490	19.060	ug/l	89
5) Bromomethane	2.750	94	46816	19.480	ug/l	86
6) Chloroethane	2.909	64	39323	18.662	ug/l	98
7) Trichlorofluoromethane	3.267	101	116907	18.880	ug/l	94
8) Diethyl Ether	3.709	74	31051	18.326	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	67001	18.273	ug/l	96
10) Methyl Iodide	4.291	142	67224	18.685	ug/l	99
11) Tert butyl alcohol	5.191	59	56493	102.332	ug/l #	79
12) 1,1-Dichloroethene	4.061	96	60978	18.390	ug/l	91
13) Acrolein	3.920	56	30466	98.755	ug/l	93
14) Allyl chloride	4.708	41	101258	19.275	ug/l	93
15) Acrylonitrile	5.414	53	76903	94.703	ug/l	99
16) Acetone	4.150	43	55476	85.892	ug/l #	88
17) Carbon Disulfide	4.409	76	209294	18.846	ug/l	97
18) Methyl Acetate	4.708	43	37339	20.046	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	146344	18.873	ug/l	96
20) Methylene Chloride	4.961	84	95407	20.352	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	74735	18.948	ug/l	91
22) Diisopropyl ether	6.361	45	223648	19.834	ug/l #	95
23) Vinyl Acetate	6.297	43	586721	96.319	ug/l	96
24) 1,1-Dichloroethane	6.261	63	139607	19.901	ug/l	96
25) 2-Butanone	7.208	43	93281	95.377	ug/l	91
26) 2,2-Dichloropropane	7.202	77	103364	17.404	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	84792	19.495	ug/l	90
28) Bromochloromethane	7.544	49	45819	19.068	ug/l	86
29) Tetrahydrofuran	7.561	42	59912	95.199	ug/l	93
30) Chloroform	7.708	83	145133	19.336	ug/l	96
31) Cyclohexane	7.979	56	116132	18.064	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	122607	19.067	ug/l	97
36) 1,1-Dichloropropene	8.108	75	103697	18.188	ug/l	96
37) Ethyl Acetate	7.285	43	42565	17.777	ug/l #	94
38) Carbon Tetrachloride	8.091	117	105754	18.130	ug/l	96
39) Methylcyclohexane	9.349	83	107989	16.243	ug/l	95
40) Benzene	8.344	78	316639	19.423	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	28266	20.935	ug/l	93
42) 1,2-Dichloroethane	8.414	62	92918	19.582	ug/l	97
43) Isopropyl Acetate	8.444	43	83229	18.696	ug/l #	93
44) Trichloroethene	9.108	130	82542	18.719	ug/l	91
45) 1,2-Dichloropropane	9.379	63	79861	18.864	ug/l	95
46) Dibromomethane	9.467	93	43912	18.758	ug/l	98
47) Bromodichloromethane	9.655	83	113699	19.123	ug/l	94
48) Methyl methacrylate	9.449	41	41629	18.852	ug/l	90
49) 1,4-Dioxane	9.455	88	9580	393.071	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	216526	93.202	ug/l	95
52) Toluene	10.396	92	201745	19.492	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	97025	17.893	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	119943	18.760	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	60621	18.972	ug/l	93
56) Ethyl methacrylate	10.649	69	67321	18.630	ug/l #	87
57) 1,3-Dichloropropane	10.938	76	101635	18.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	148154	92.803	ug/l	98
59) 2-Hexanone	10.973	43	140738	91.705	ug/l	94
60) Dibromochloromethane	11.132	129	75919	19.124	ug/l	98
61) 1,2-Dibromoethane	11.238	107	57431	18.679	ug/l	98
64) Tetrachloroethene	10.867	164	66515	18.628	ug/l	97
65) Chlorobenzene	11.661	112	211153	19.108	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	77588	18.380	ug/l	96
67) Ethyl Benzene	11.732	91	359552	18.686	ug/l	99
68) m/p-Xylenes	11.843	106	288151	38.640	ug/l	99
69) o-Xylene	12.167	106	132135	19.214	ug/l	94
70) Styrene	12.185	104	228600	19.031	ug/l	97
71) Bromoform	12.349	173	42210	18.991	ug/l #	100
73) Isopropylbenzene	12.467	105	337041	18.636	ug/l	99
74) N-amyl acetate	12.279	43	78410	18.552	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	69535	19.502	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	48493m	17.979	ug/l	
77) Bromobenzene	12.749	156	84823	19.656	ug/l	92
78) n-propylbenzene	12.808	91	436442	19.216	ug/l	99
79) 2-Chlorotoluene	12.896	91	254697	19.250	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	303425	19.693	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	19259	17.121	ug/l	94
82) 4-Chlorotoluene	12.990	91	276949	19.778	ug/l	99
83) tert-Butylbenzene	13.208	119	231271	17.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	298916	19.500	ug/l	97
85) sec-Butylbenzene	13.390	105	368659	18.610	ug/l	99
86) p-Isopropyltoluene	13.502	119	304760	18.913	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	170924	19.271	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	170042	19.401	ug/l	98
89) n-Butylbenzene	13.826	91	282704	18.041	ug/l	99
90) Hexachloroethane	14.096	117	64641	19.306	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	149369	19.417	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9848	17.769	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	82743	18.852	ug/l	97
94) Hexachlorobutadiene	15.249	225	44429	18.135	ug/l	99
95) Naphthalene	15.384	128	140842	18.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	71235	18.280	ug/l	95

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SW846 8260
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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

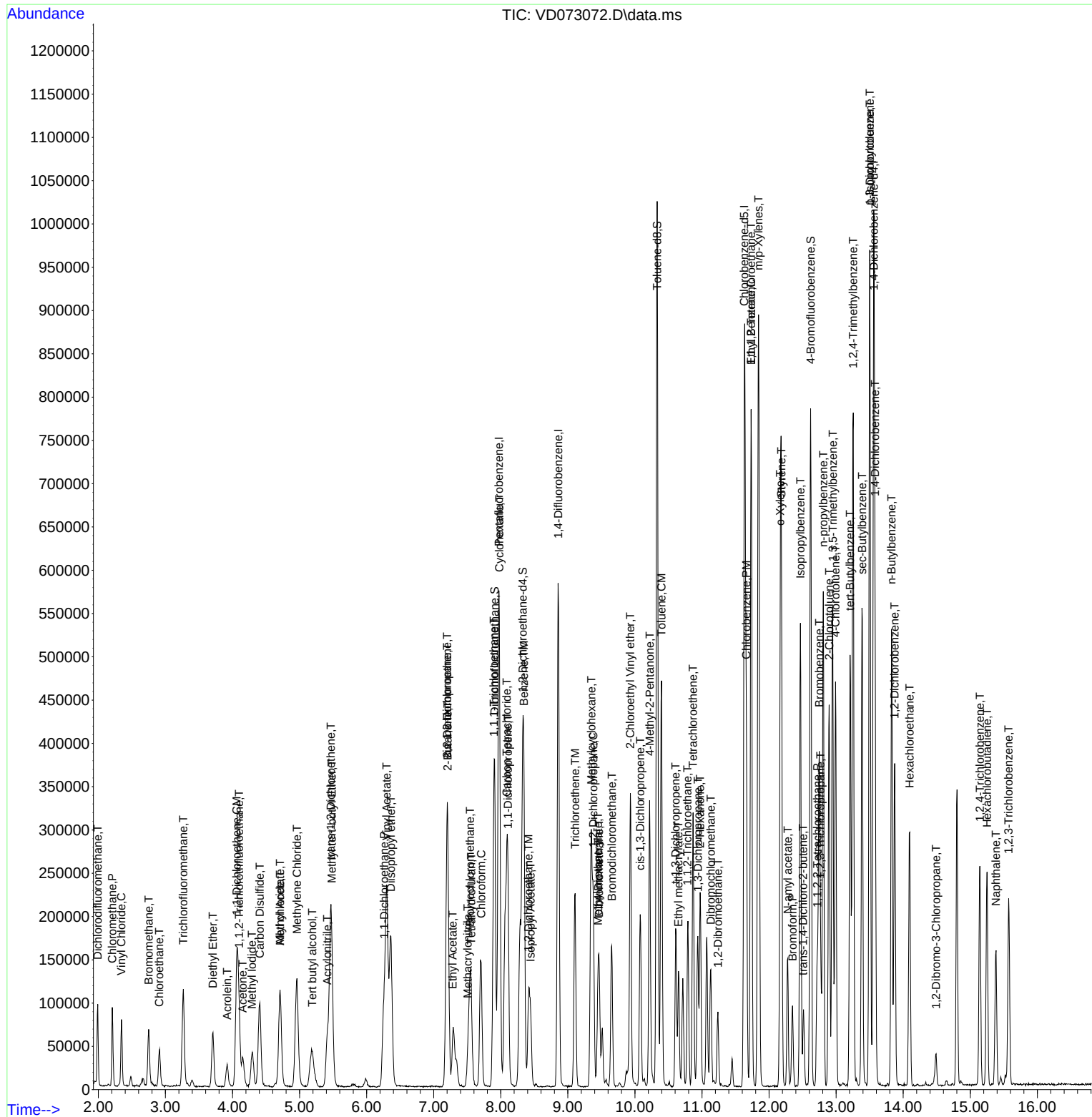
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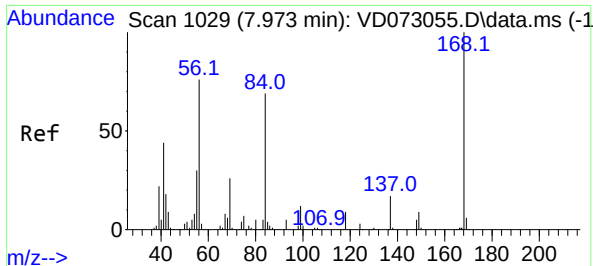
Instrument :
MSVOA_D
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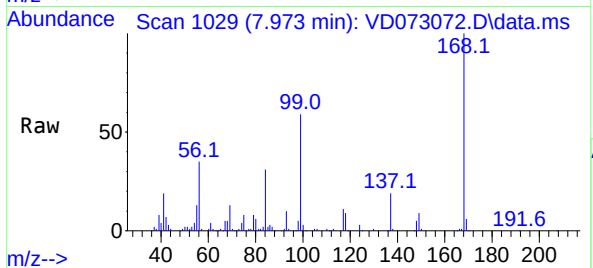
Reviewed By : John Carlone 05/18/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

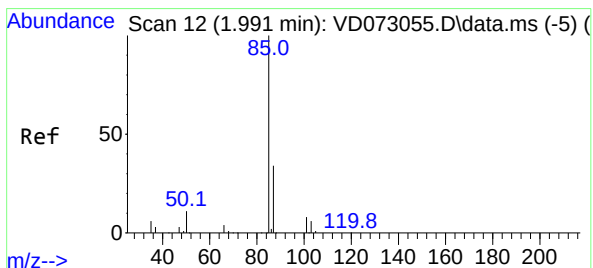
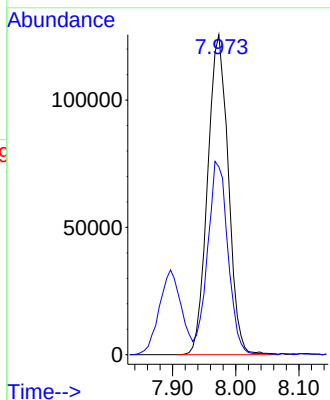
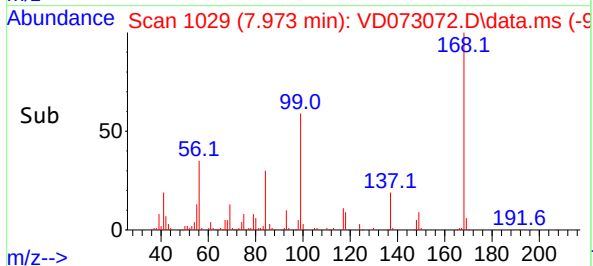
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



Tgt Ion:168 Resp: 285390
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6

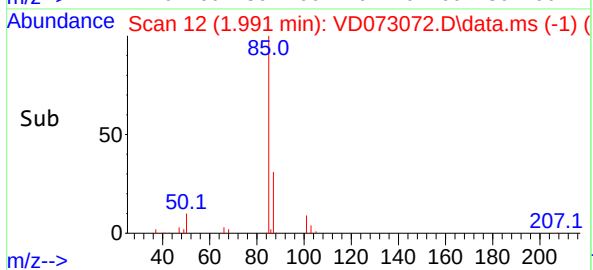
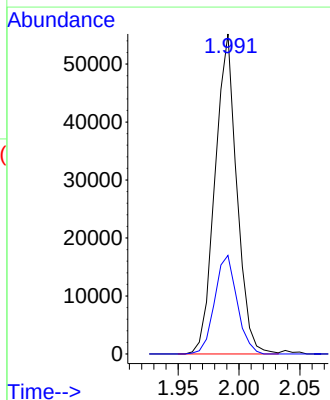
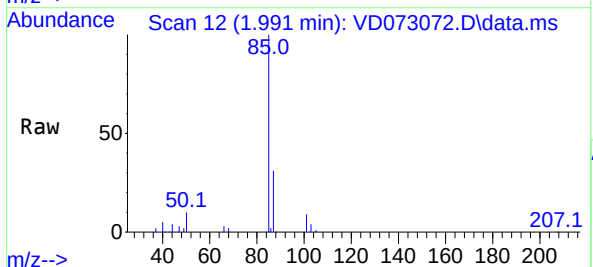
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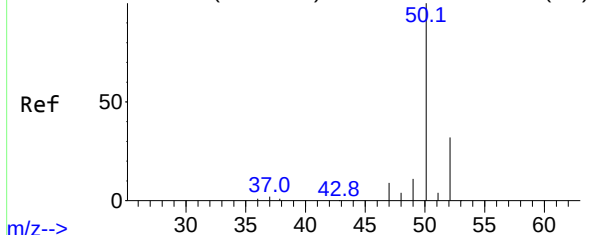


#2
Dichlorodifluoromethane
Concen: 19.282 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 85 Resp: 68814
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 19.619 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 50 Resp: 72180

Ion Ratio Lower Upper

50 100

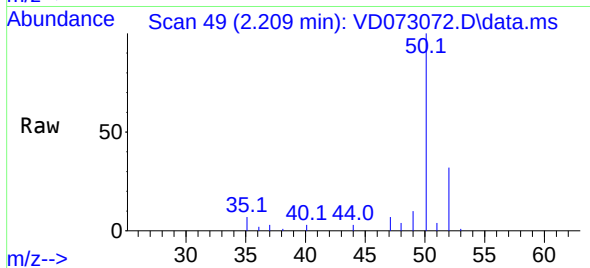
52 31.9 27.4 41.0

Manual Integrations

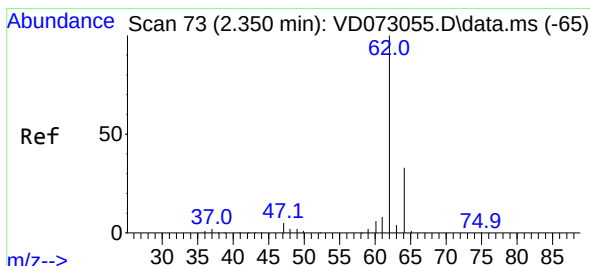
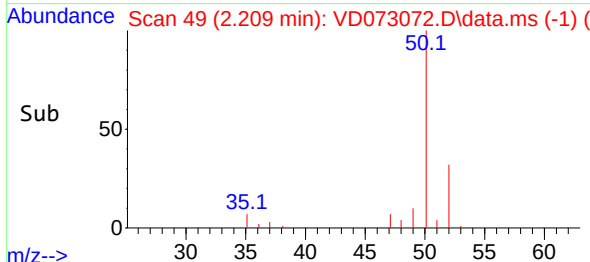
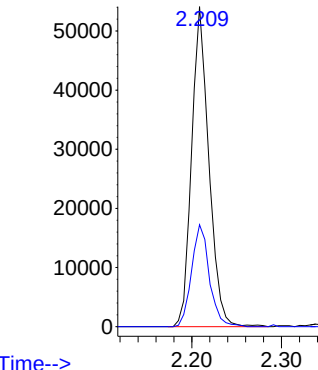
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Reviewed By :John Carlone 05/18/2022

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Abundance



#4

Vinyl Chloride

Concen: 19.060 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073072.D

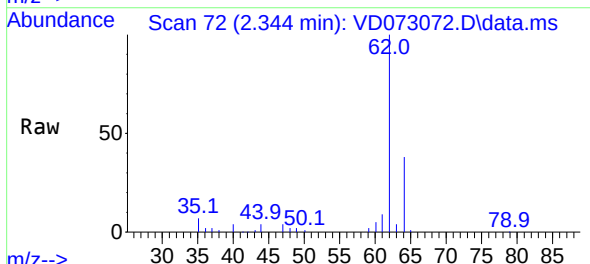
Acq: 17 May 2022 23:24

Tgt Ion: 62 Resp: 64490

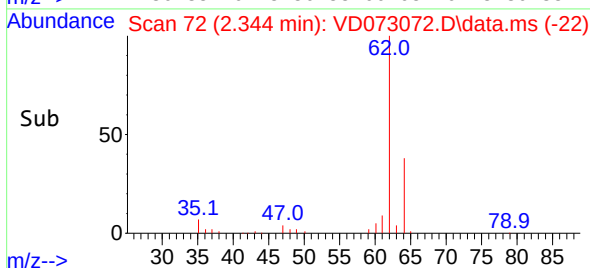
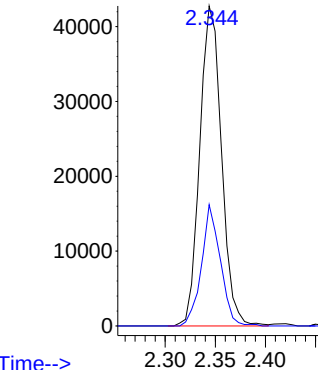
Ion Ratio Lower Upper

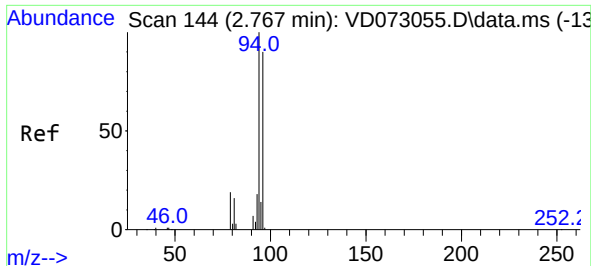
62 100

64 37.9 25.4 38.0



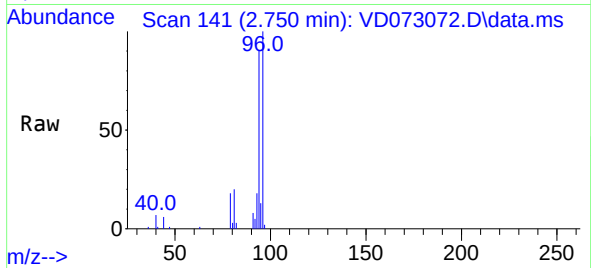
Abundance





#5
Bromomethane
Concen: 19.480 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

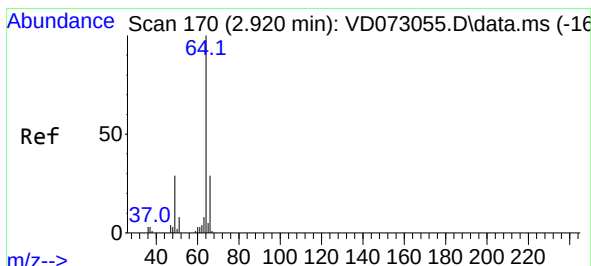
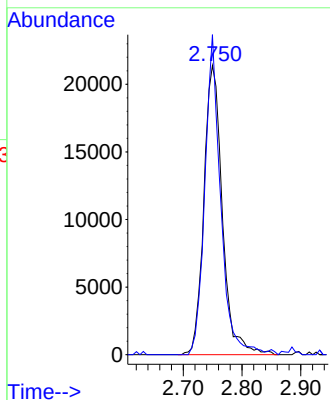
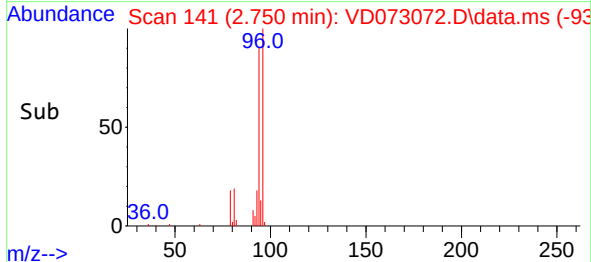
Instrument :
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Tgt Ion: 94 Resp: 46810
Ion Ratio Lower Upper
94 100
96 110.7 77.6 116.4

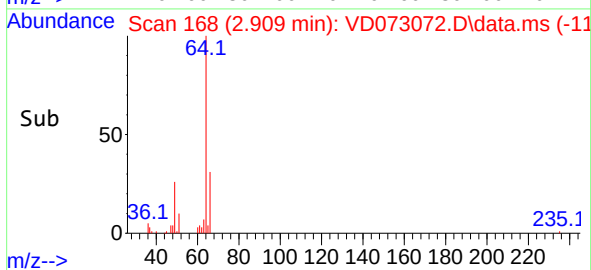
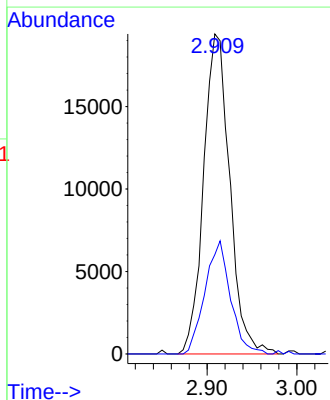
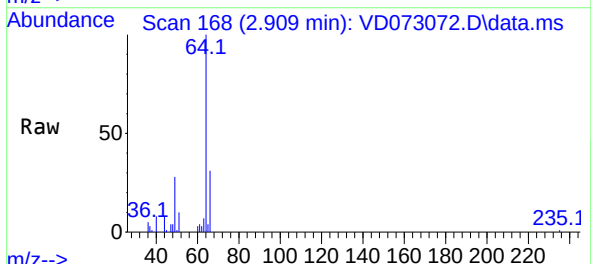
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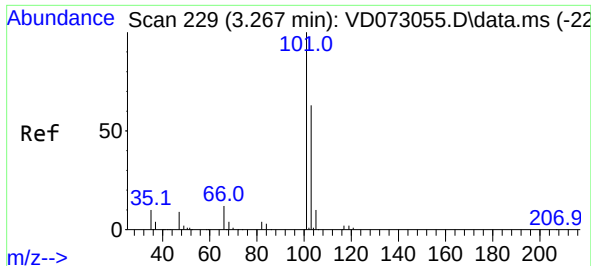
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 18.662 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

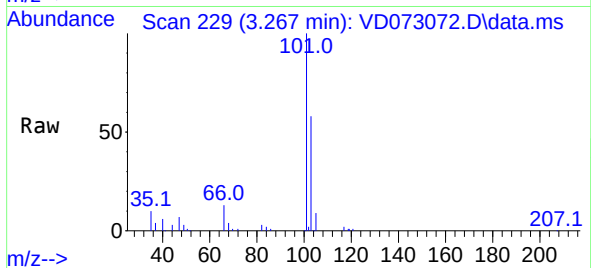
Tgt Ion: 64 Resp: 39323
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.880 ug/l
RT: 3.267 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

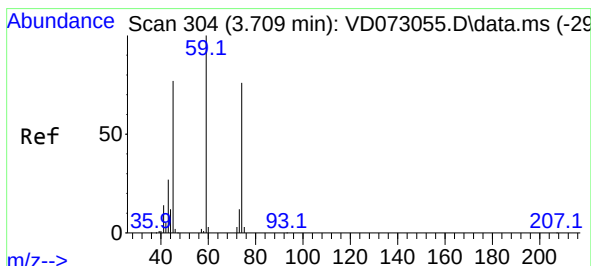
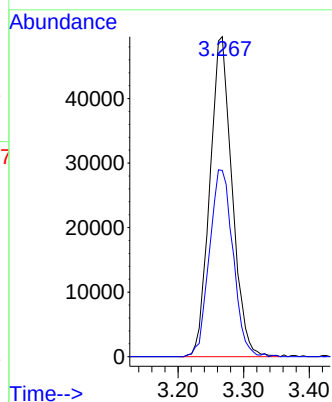
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



Tgt Ion:101 Resp: 11690
Ion Ratio Lower Upper
101 100
103 58.2 50.1 75.1

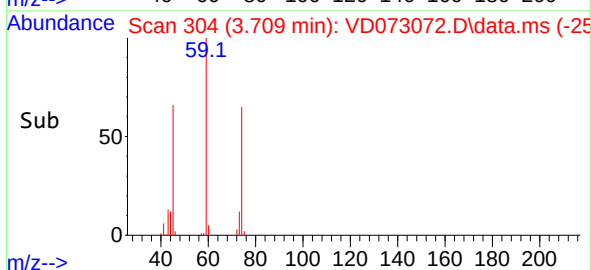
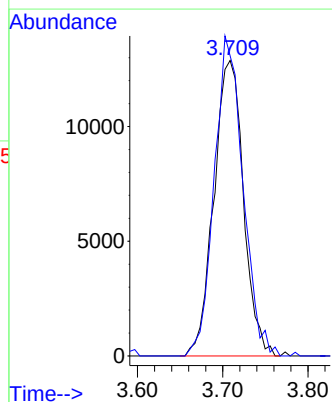
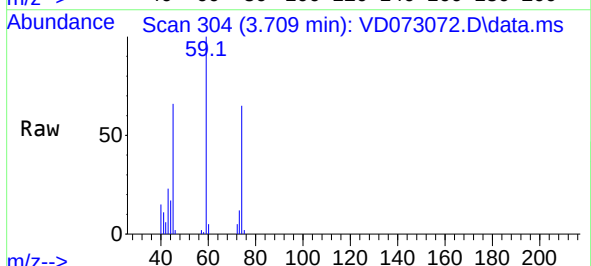
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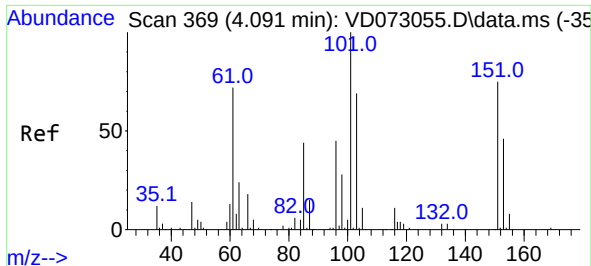
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#8
Diethyl Ether
Concen: 18.326 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 74 Resp: 31051
Ion Ratio Lower Upper
74 100
45 105.0 52.6 157.8





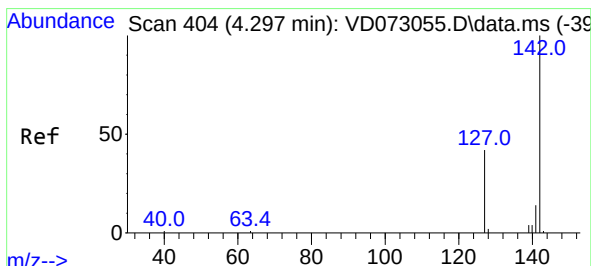
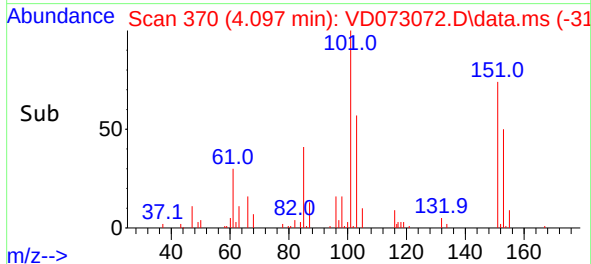
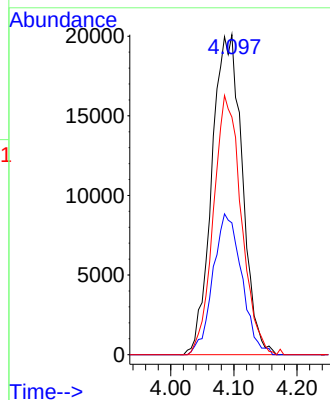
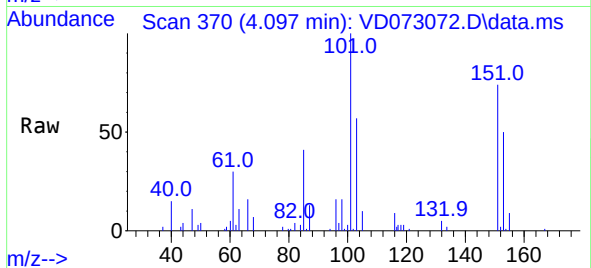
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.273 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion:101 Resp: 6700
Ion Ratio Lower Upper
101 100
85 41.8 36.4 54.6
151 74.6 57.3 85.9

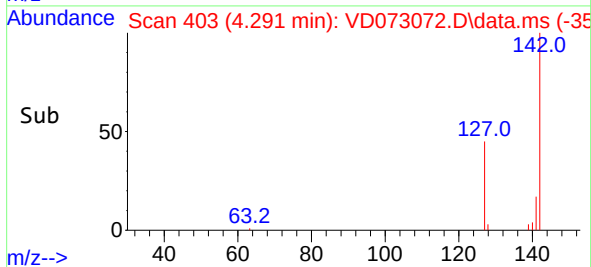
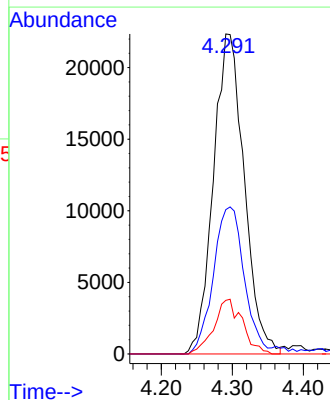
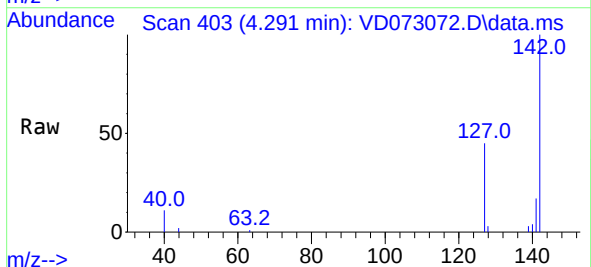
Manual Integrations
APPROVED

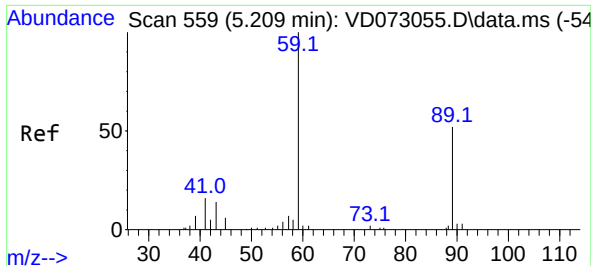
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 18.685 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

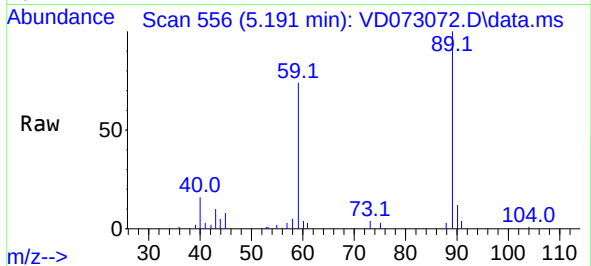
Tgt Ion:142 Resp: 67224
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 15.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 102.332 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

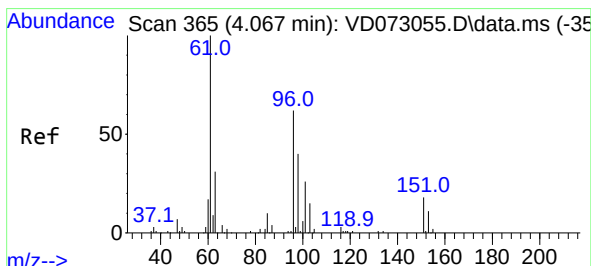
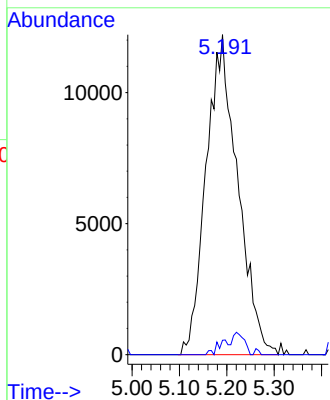
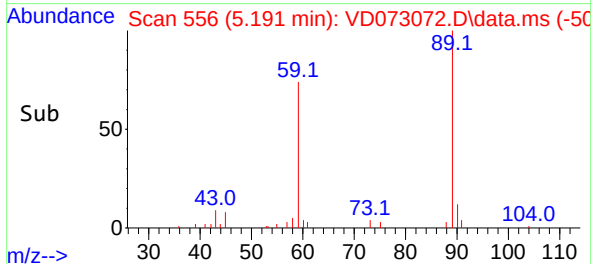
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



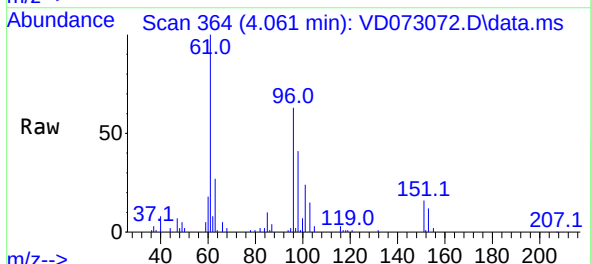
Tgt Ion: 59 Resp: 5649
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.6

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APPROVED

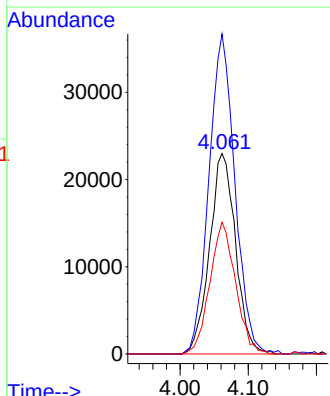
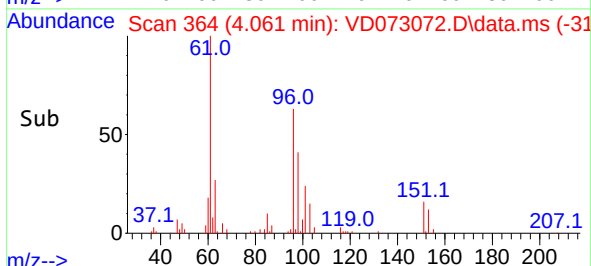
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

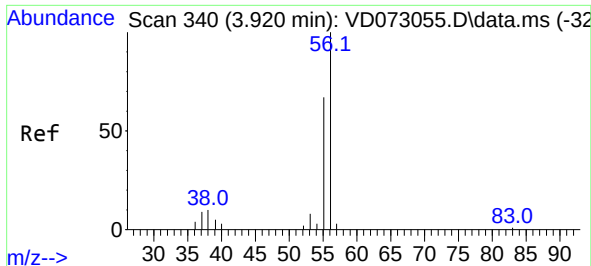


#12
1,1-Dichloroethene
Concen: 18.390 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion: 96 Resp: 60978
Ion Ratio Lower Upper
96 100
61 159.7 138.5 207.7
98 65.7 48.6 73.0





#13

Acrolein

Concen: 98.755 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 56 Resp: 3046

Ion Ratio Lower Upper

56 100

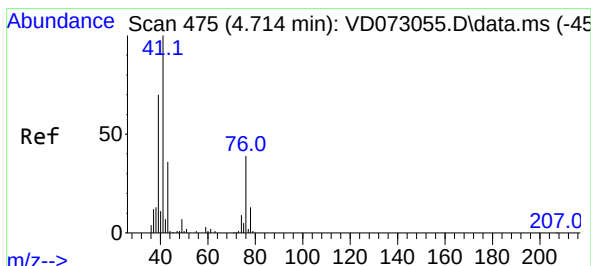
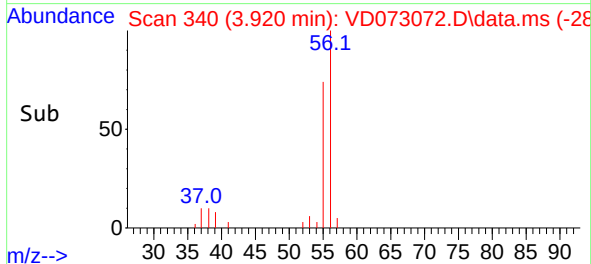
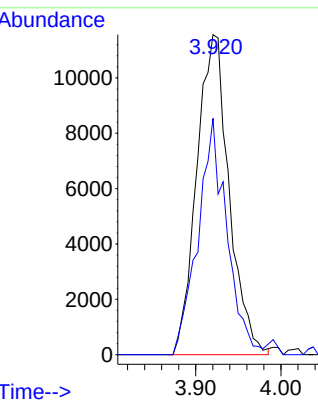
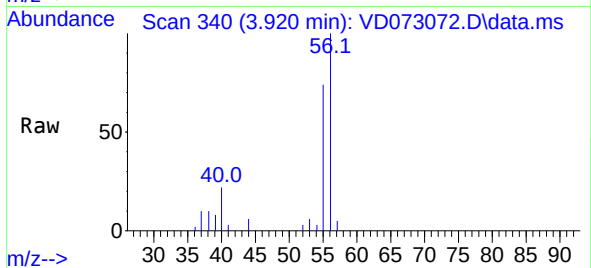
55 65.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#14

Allyl chloride

Concen: 19.275 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

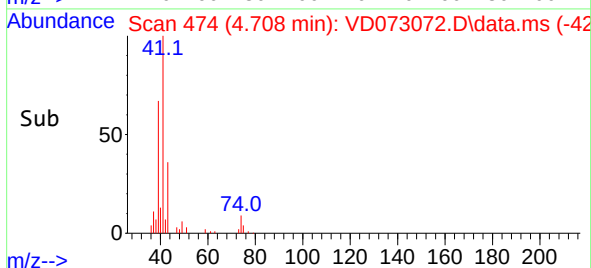
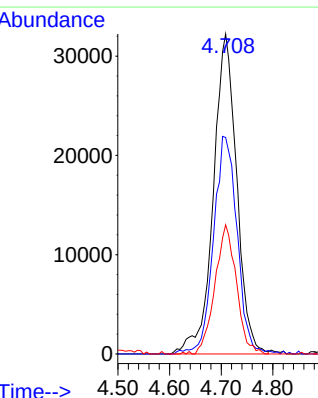
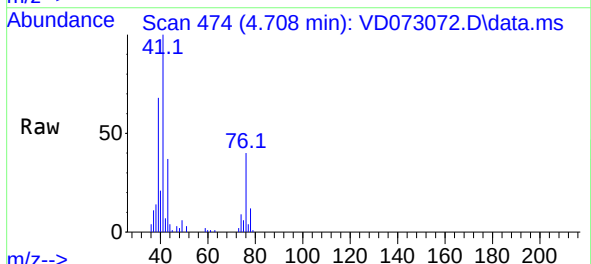
Tgt Ion: 41 Resp: 101258

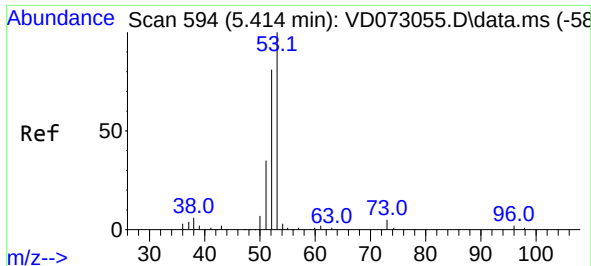
Ion Ratio Lower Upper

41 100

39 68.8 59.3 88.9

76 36.9 25.7 38.5





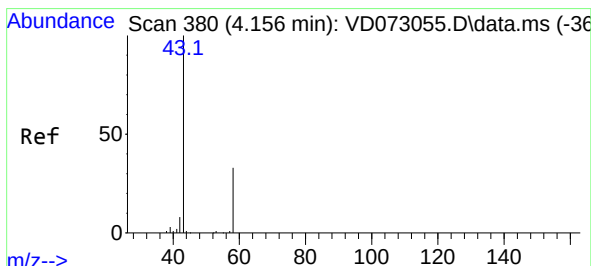
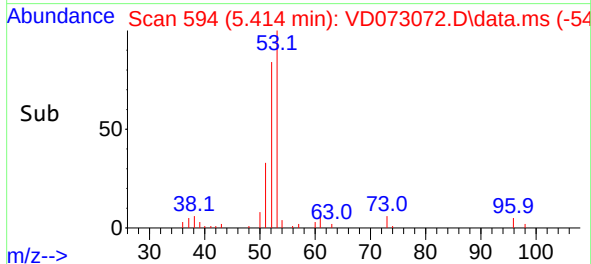
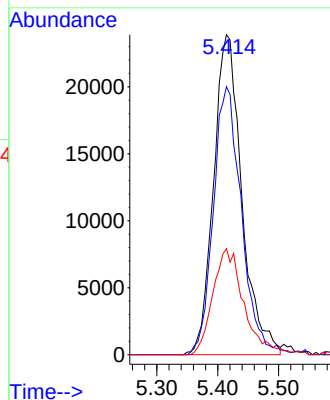
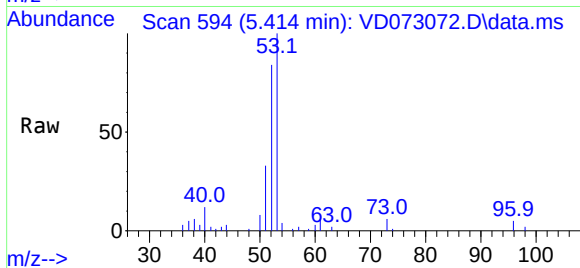
#15
Acrylonitrile
Concen: 94.703 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 53 Resp: 7690
Ion Ratio Lower Upper
53 100
52 83.5 67.2 100.8
51 36.4 30.3 45.5

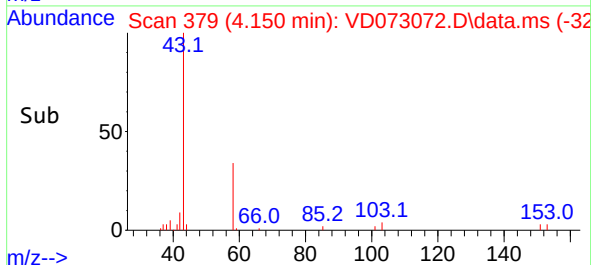
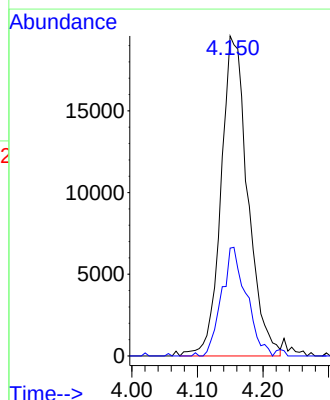
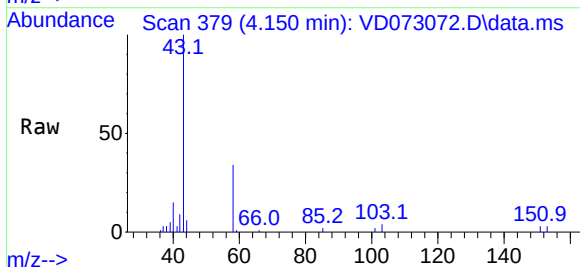
Manual Integrations
APPROVED

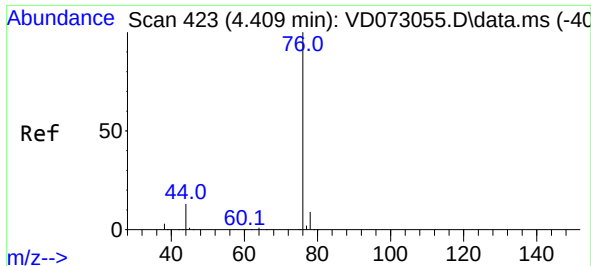
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 85.892 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

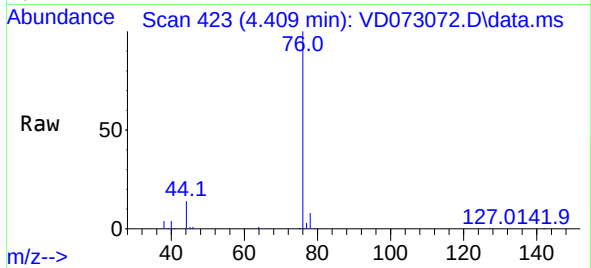
Tgt Ion: 43 Resp: 55476
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#





#17
Carbon Disulfide
Concen: 18.846 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

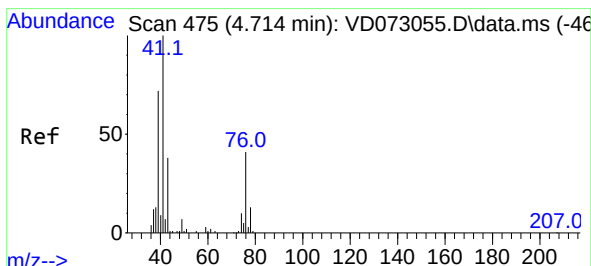
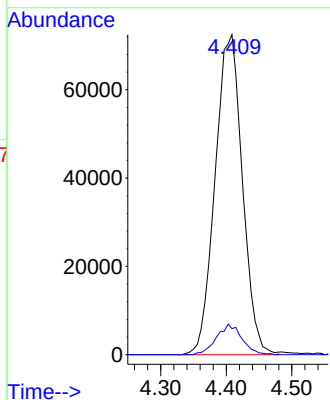
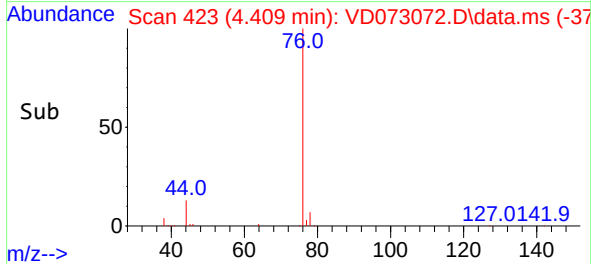
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



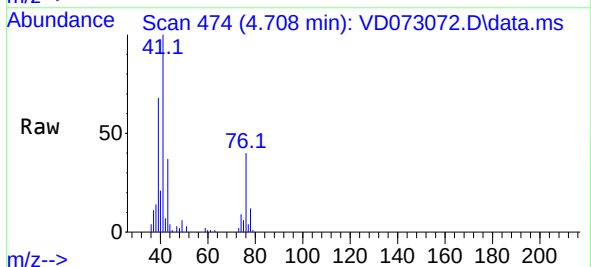
Tgt Ion: 76 Resp: 209294
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

Manual Integrations
APPROVED

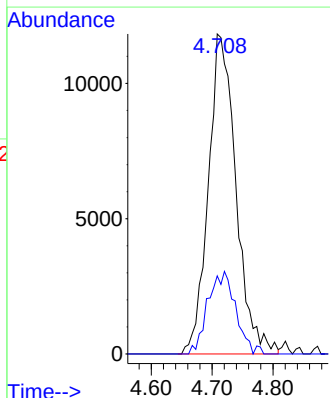
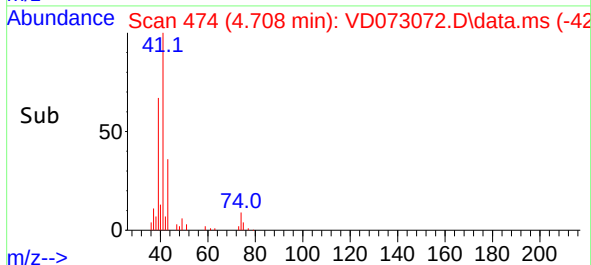
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

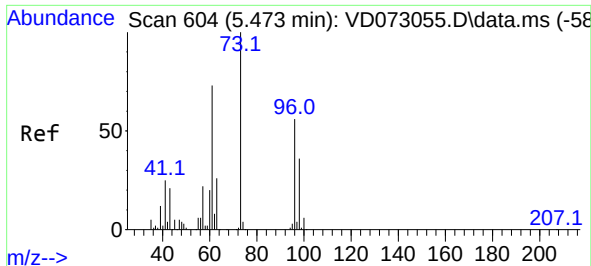


#18
Methyl Acetate
Concen: 20.046 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion: 43 Resp: 37339
Ion Ratio Lower Upper
43 100
74 25.4 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 18.873 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 73 Resp: 146344

Ion Ratio Lower Upper

73 100

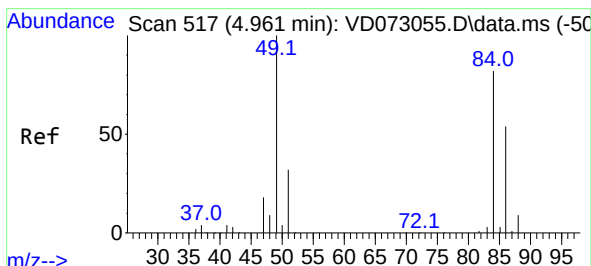
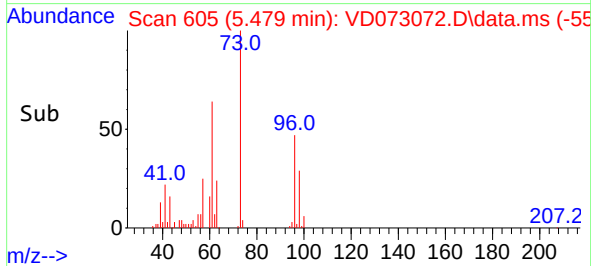
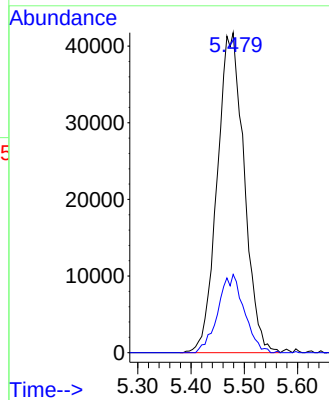
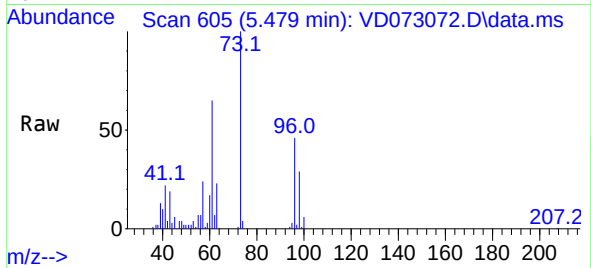
57 24.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#20

Methylene Chloride

Concen: 20.352 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Tgt Ion: 84 Resp: 95407

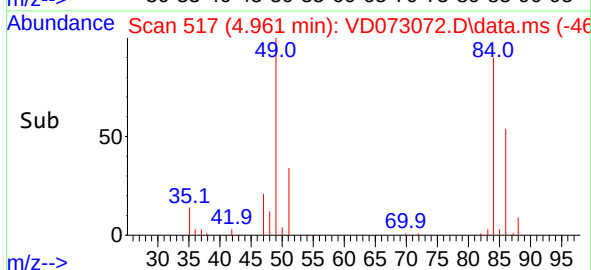
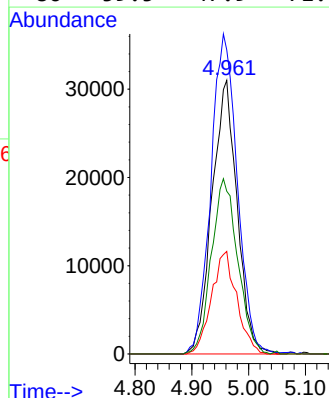
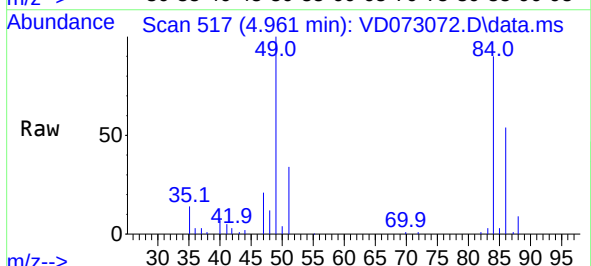
Ion Ratio Lower Upper

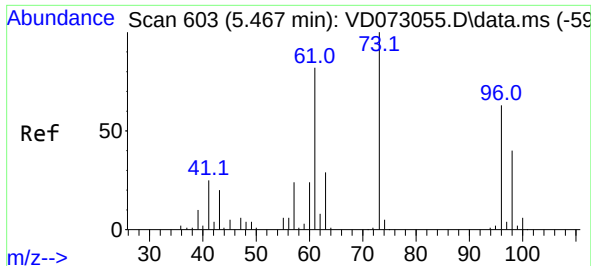
84 100

49 111.1 112.8 169.2#

51 37.5 32.6 48.8

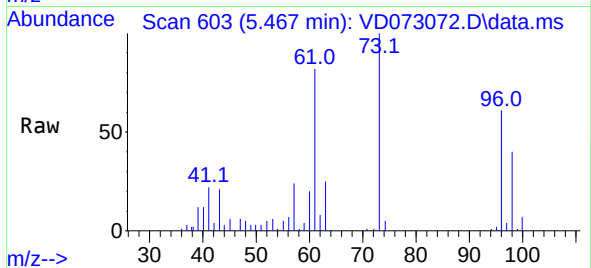
86 59.5 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.948 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

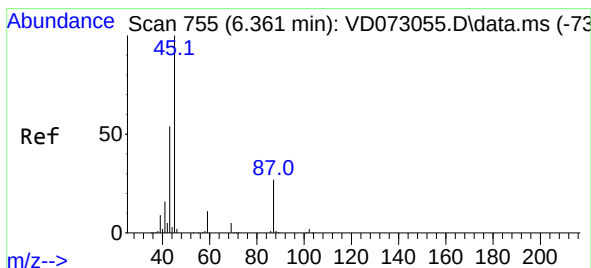
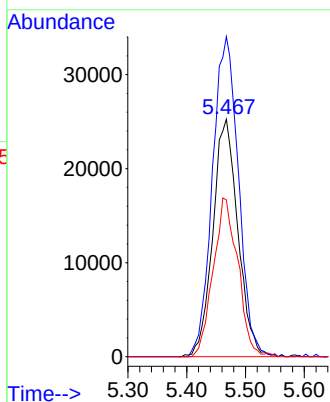
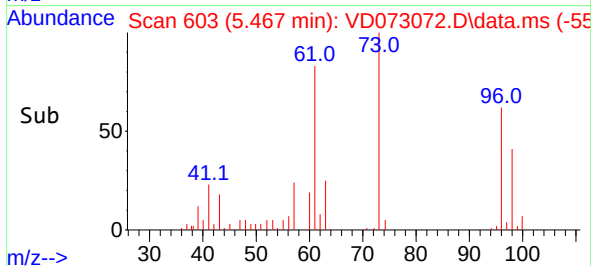
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



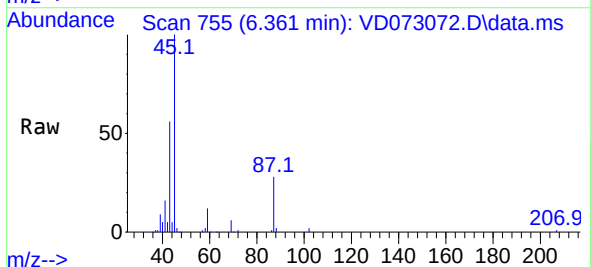
Tgt Ion: 96 Resp: 74735
Ion Ratio Lower Upper
96 100
61 134.8 117.9 176.9
98 66.0 49.4 74.2

Manual Integrations
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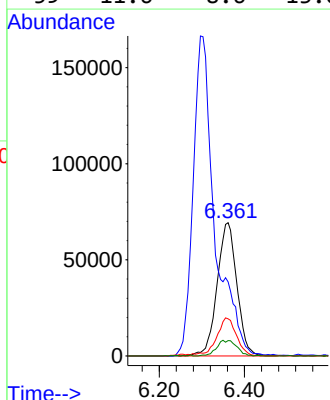
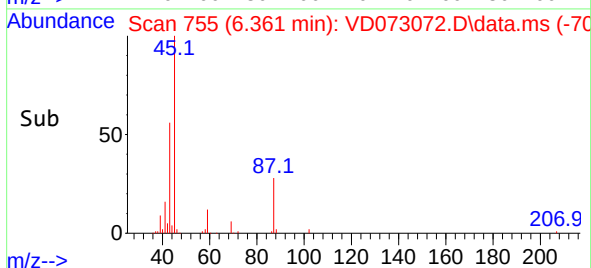
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

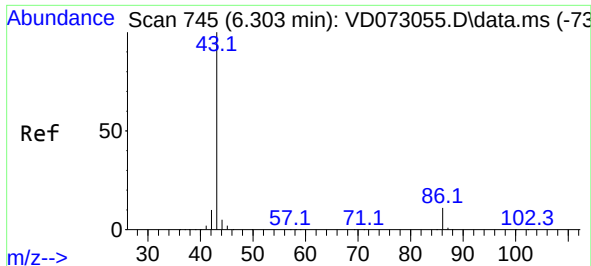


#22
Diisopropyl ether
Concen: 19.834 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



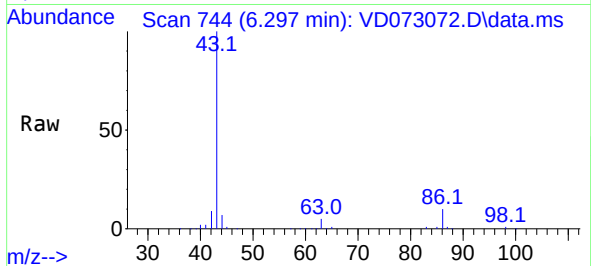
Tgt Ion: 45 Resp: 223648
Ion Ratio Lower Upper
45 100
43 55.1 46.6 70.0
87 27.6 18.4 27.6#
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 96.319 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073072.D
 Acq: 17 May 2022 23:24

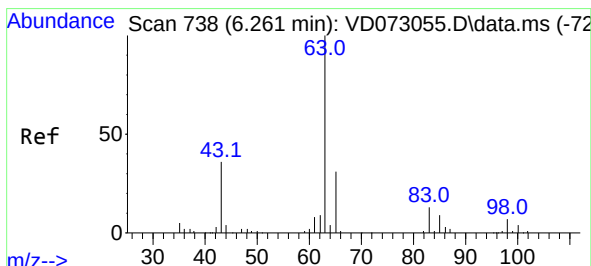
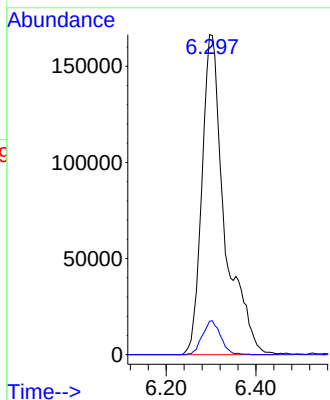
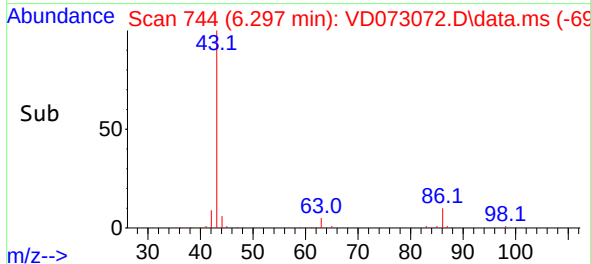
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS02



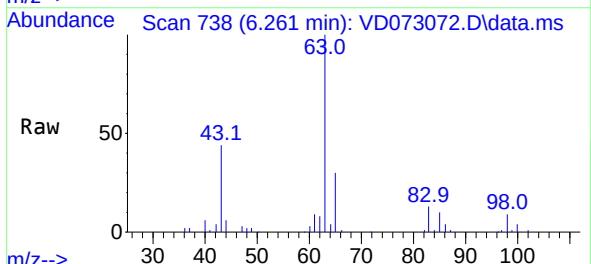
Tgt Ion: 43 Resp: 58672
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
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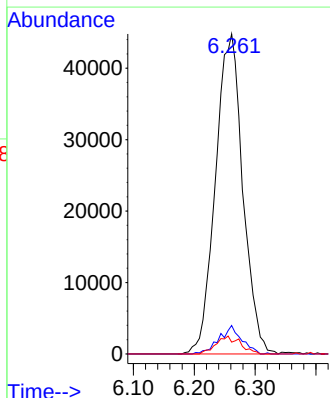
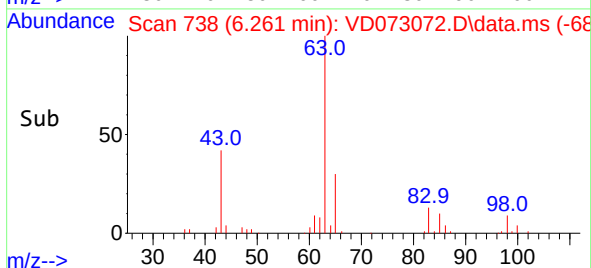
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

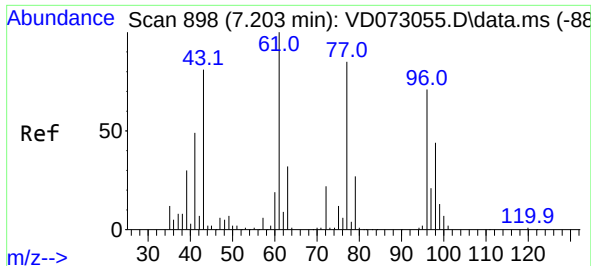


#24
 1,1-Dichloroethane
 Concen: 19.901 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073072.D
 Acq: 17 May 2022 23:24



Tgt Ion: 63 Resp: 139607
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.9
 100 3.7 2.1 6.5





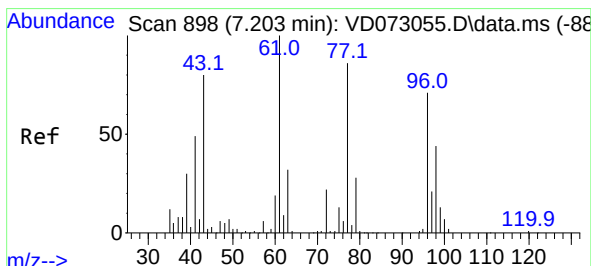
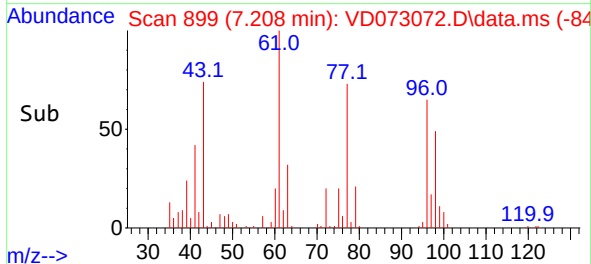
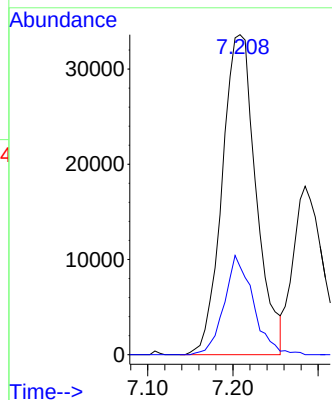
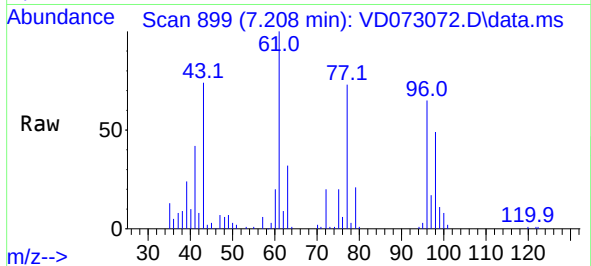
#25
2-Butanone
Concen: 95.377 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 43 Resp: 9328
Ion Ratio Lower Upper
43 100
72 27.5 18.6 27.8

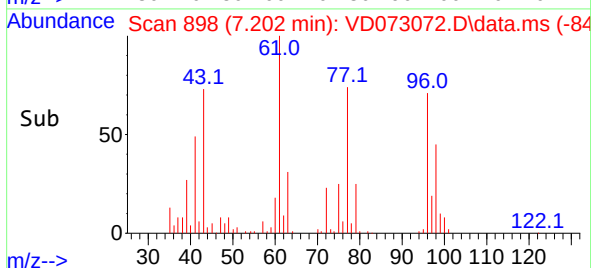
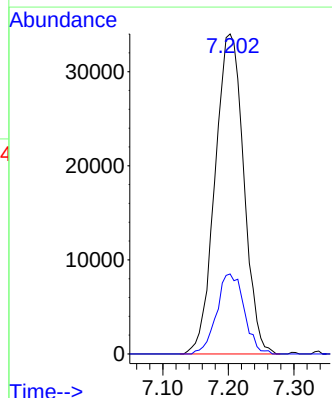
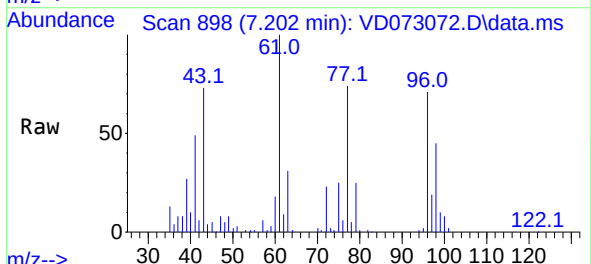
Manual Integrations
APPROVED

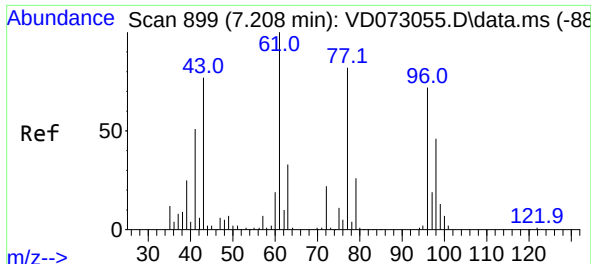
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 17.404 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 77 Resp: 103364
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4





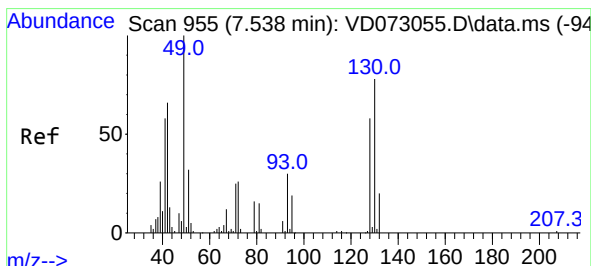
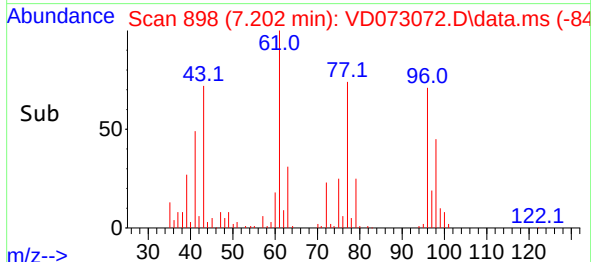
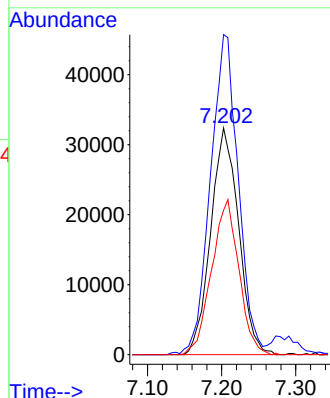
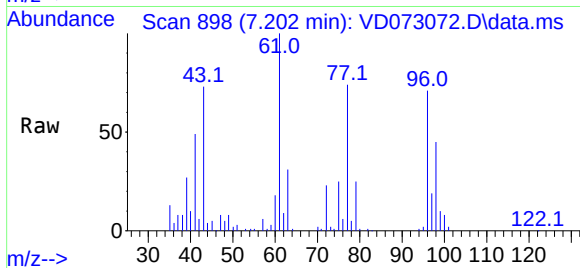
#27
cis-1,2-Dichloroethene
Concen: 19.495 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 96 Resp: 84792
Ion Ratio Lower Upper
96 100
61 140.3 0.0 313.8
98 66.9 0.0 128.8

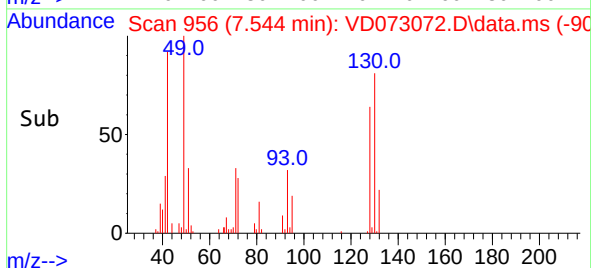
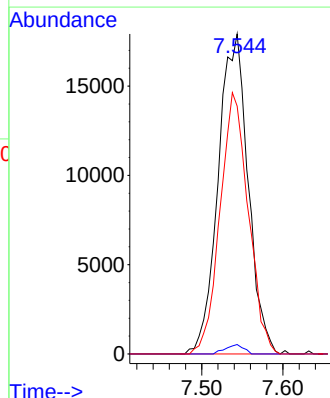
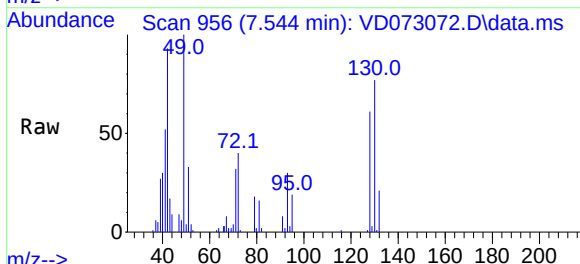
Manual Integrations
APPROVED

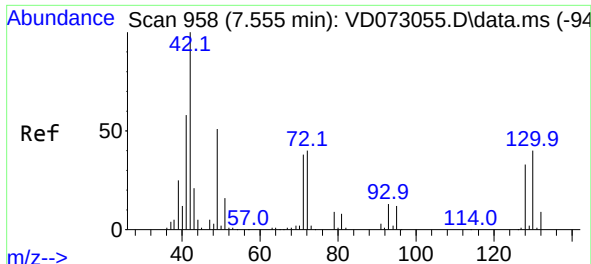
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 19.068 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 49 Resp: 45819
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 77.4 52.6 79.0





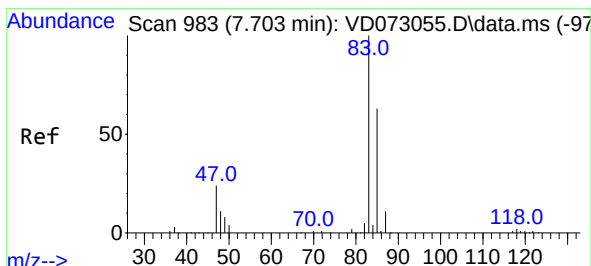
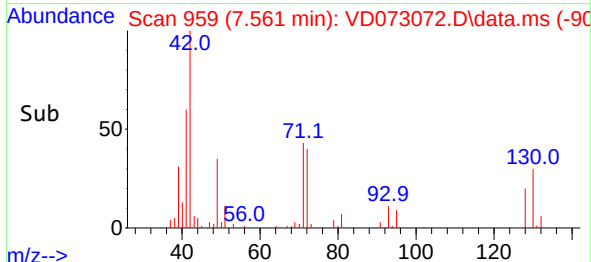
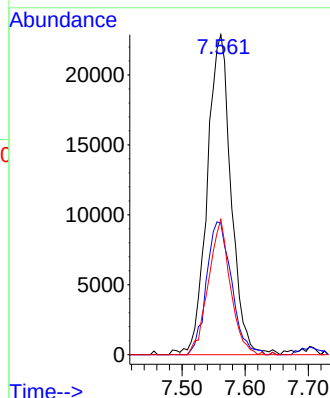
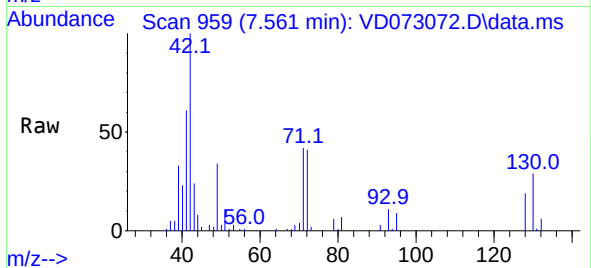
#29
Tetrahydrofuran
Concen: 95.199 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 42 Resp: 5991
Ion Ratio Lower Upper
42 100
72 43.6 30.7 46.1
71 38.9 28.6 43.0

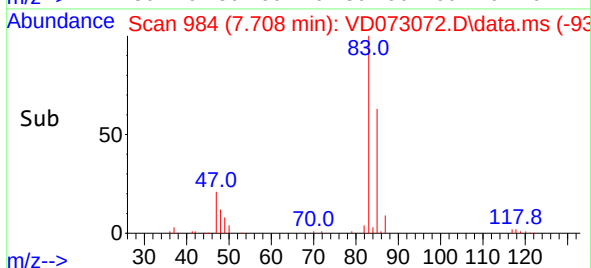
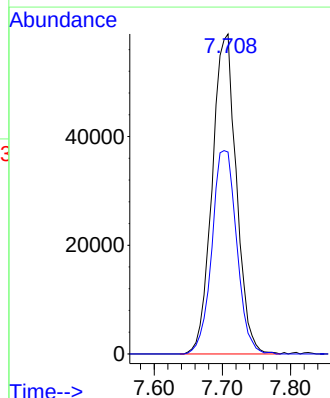
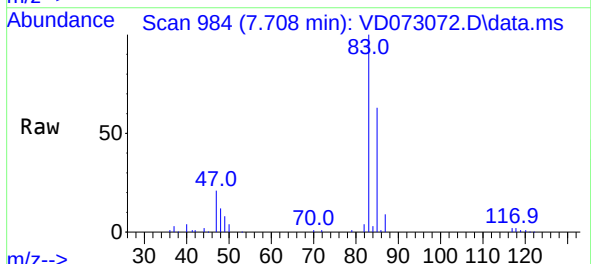
Manual Integrations
APPROVED

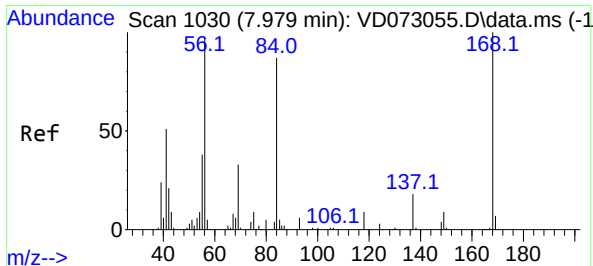
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
Chloroform
Concen: 19.336 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

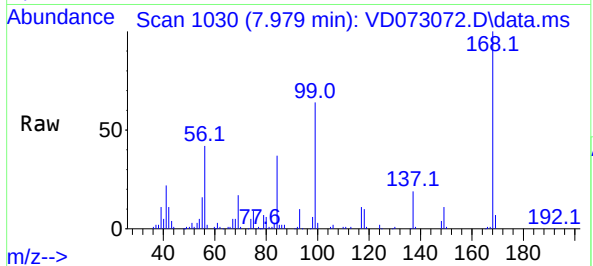
Tgt Ion: 83 Resp: 145133
Ion Ratio Lower Upper
83 100
85 63.1 52.7 79.1





#31
Cyclohexane
Concen: 18.064 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

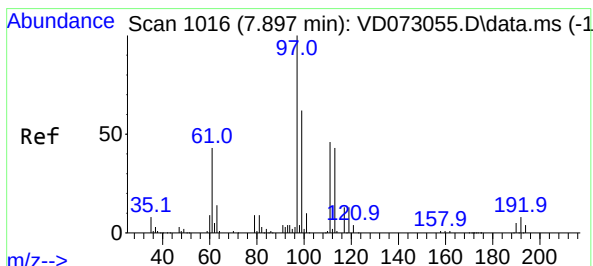
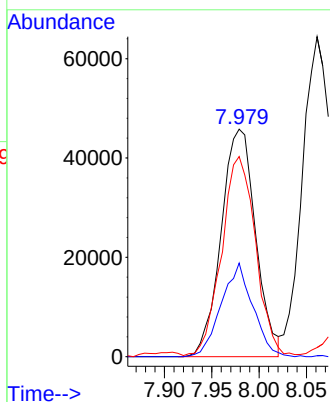
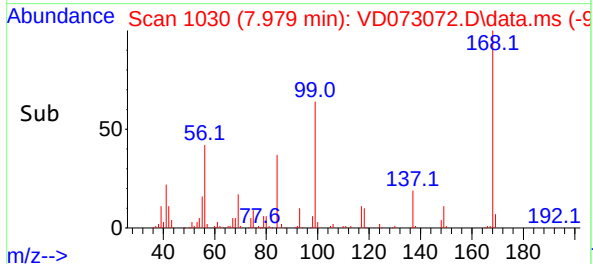
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



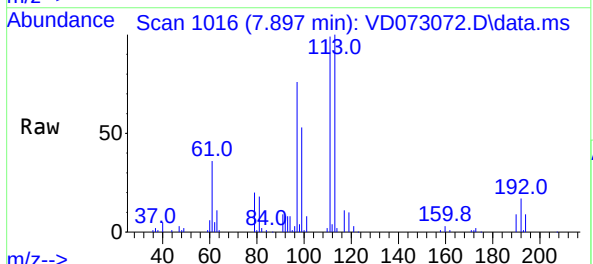
Tgt Ion: 56 Resp: 11613
Ion Ratio Lower Upper
56 100
69 41.1 25.4 38.2
84 86.5 63.0 94.4

Manual Integrations
APPROVED

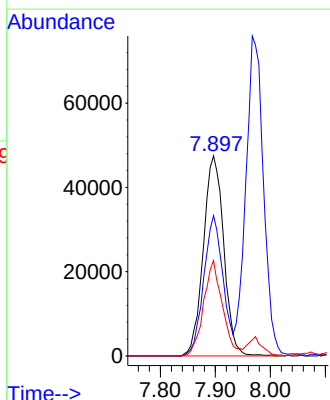
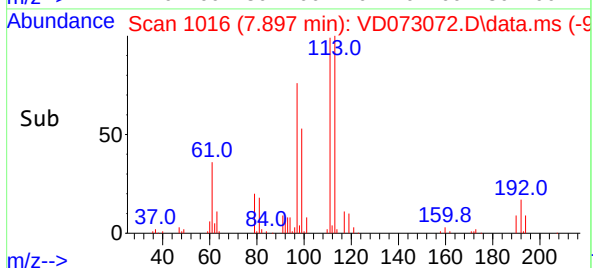
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

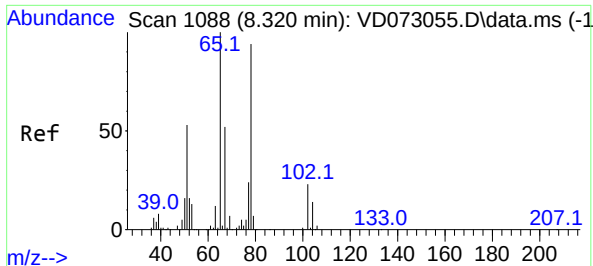


#32
1,1,1-Trichloroethane
Concen: 19.067 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



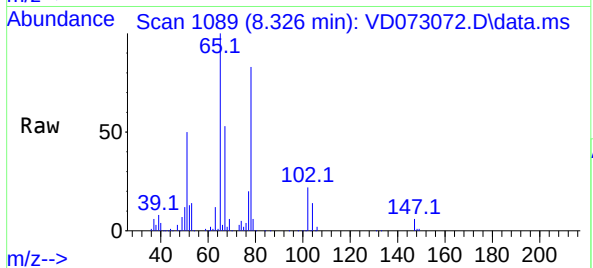
Tgt Ion: 97 Resp: 122607
Ion Ratio Lower Upper
97 100
99 66.2 52.4 78.6
61 44.3 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 52.190 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

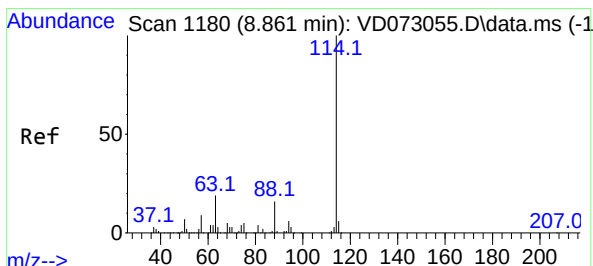
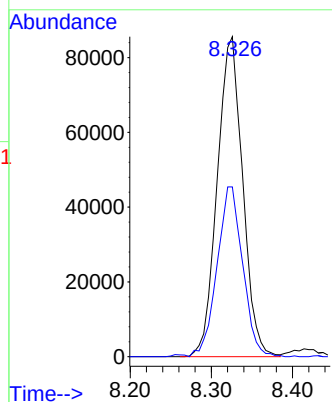
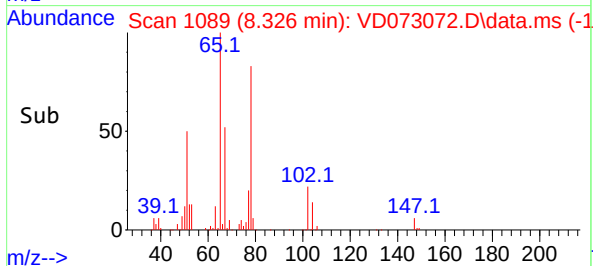
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



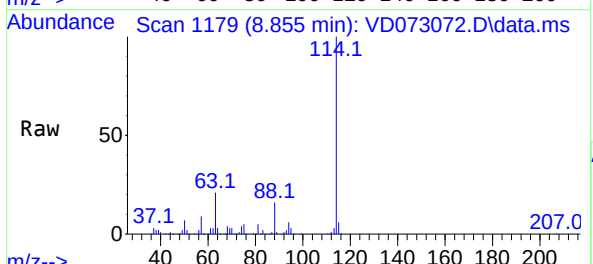
Tgt Ion: 65 Resp: 186270
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4

Manual Integrations
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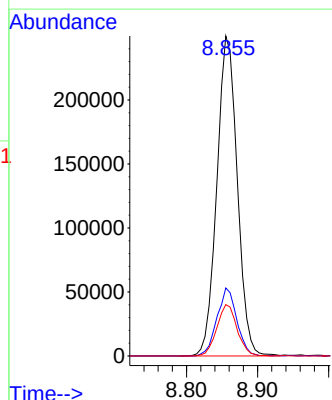
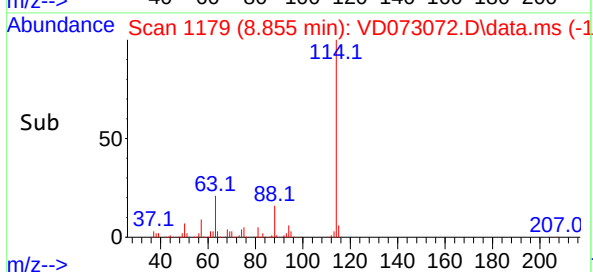
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

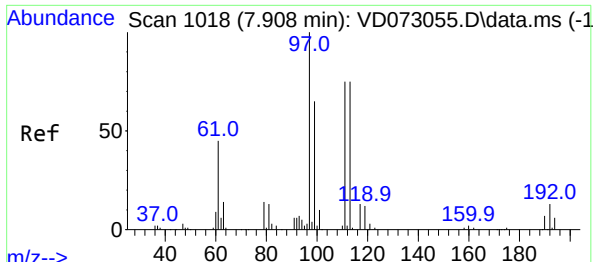


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



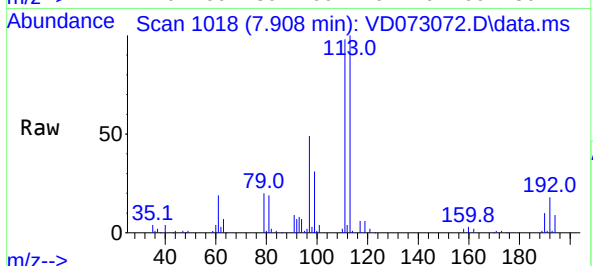
Tgt Ion:114 Resp: 498366
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.6
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.226 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

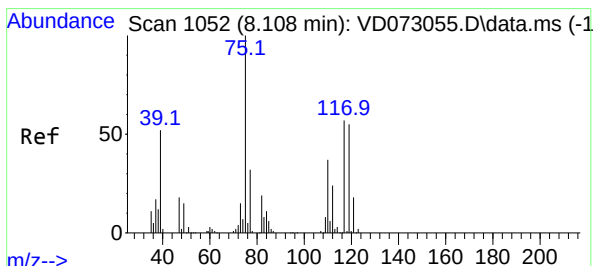
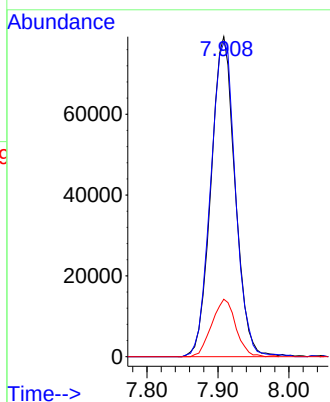
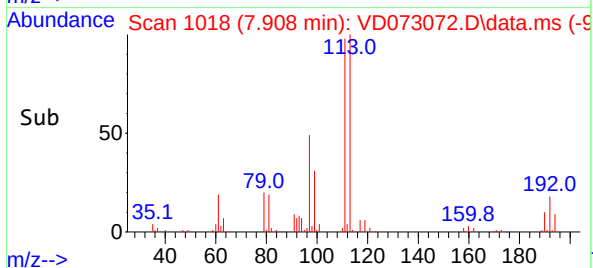
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



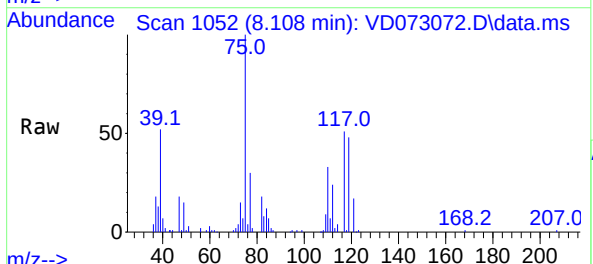
Tgt Ion: 113 Resp: 186244
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
APPROVED

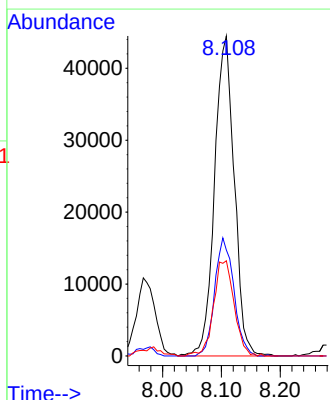
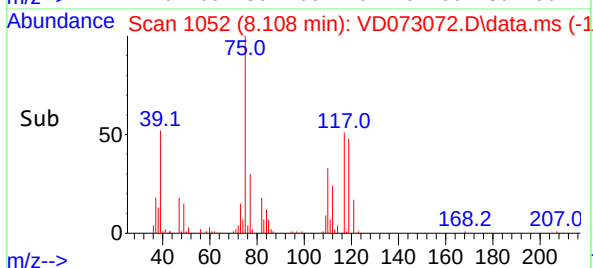
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

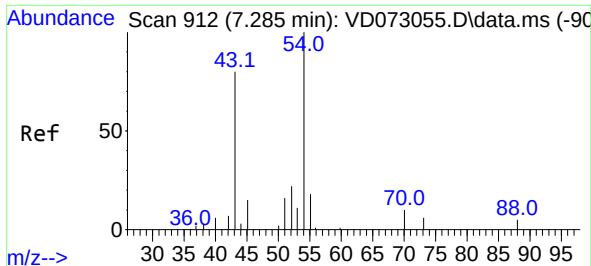


#36
1,1-Dichloropropene
Concen: 18.188 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



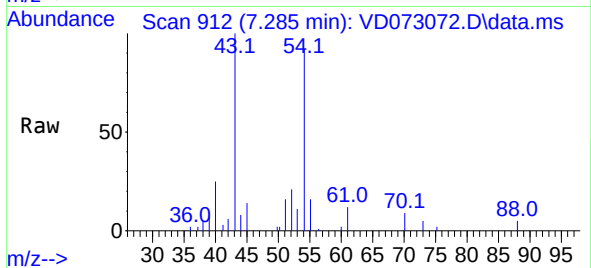
Tgt Ion: 75 Resp: 103697
Ion Ratio Lower Upper
75 100
110 35.9 16.4 49.1
77 31.1 24.2 36.2





#37
Ethyl Acetate
Concen: 17.777 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

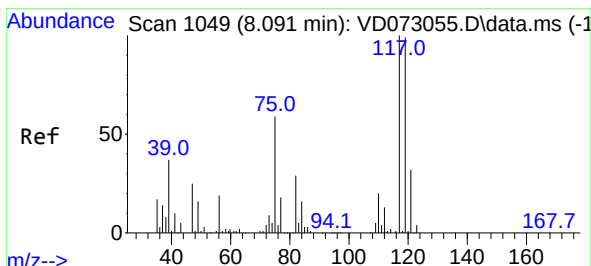
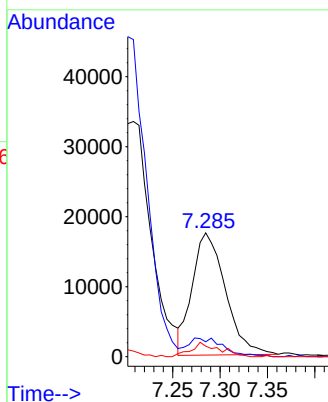
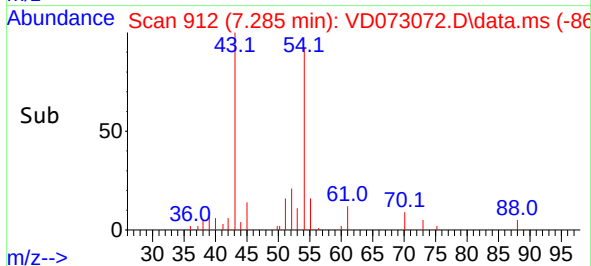
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



Tgt Ion: 43 Resp: 4256
Ion Ratio Lower Upper
43 100
61 15.4 9.8 14.8
70 9.8 6.9 10.3

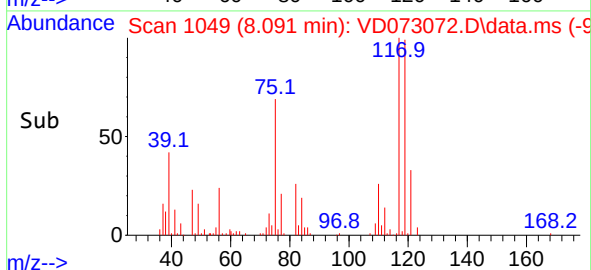
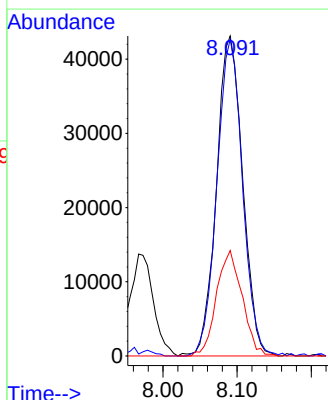
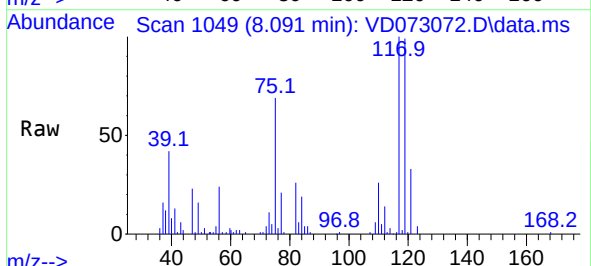
Manual Integrations
APPROVED

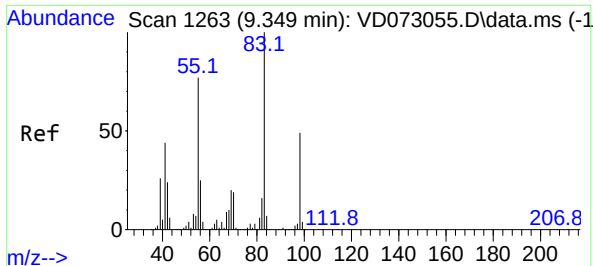
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 18.130 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion:117 Resp: 105754
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.6
121 32.9 24.5 36.7





#39

Methylcyclohexane

Concen: 16.243 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 83 Resp: 107989

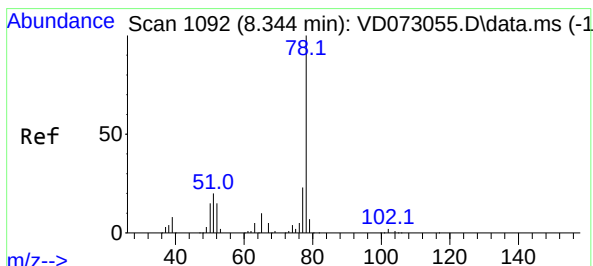
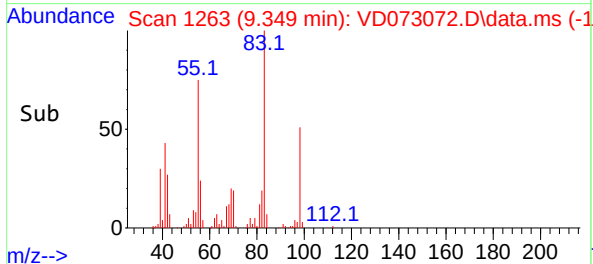
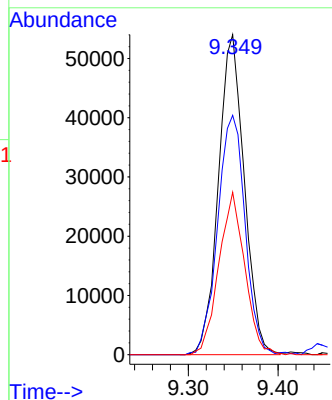
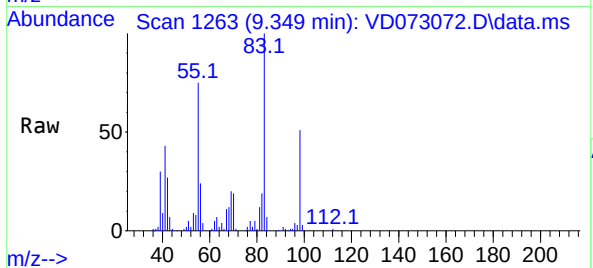
Ion	Ratio	Lower	Upper
83	100		
55	74.8	63.2	94.8
98	50.8	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 19.423 ug/l

RT: 8.344 min Scan# 1092

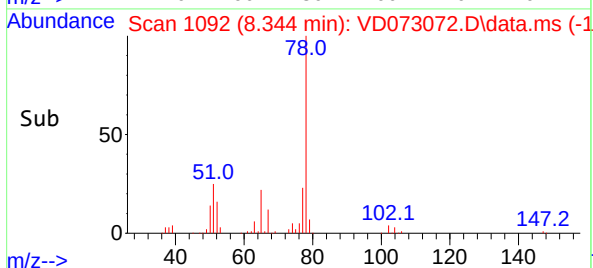
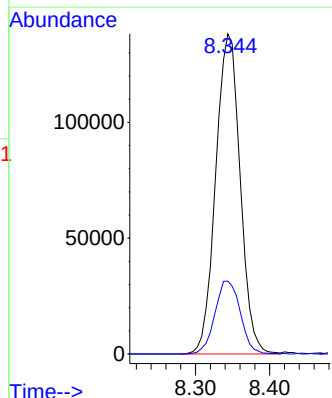
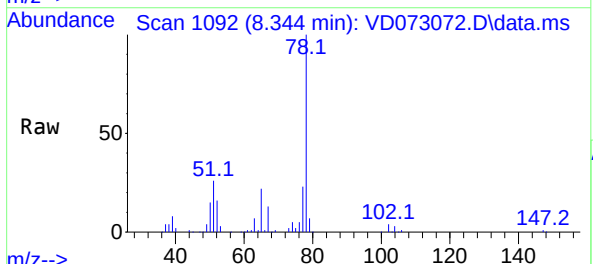
Delta R.T. -0.000 min

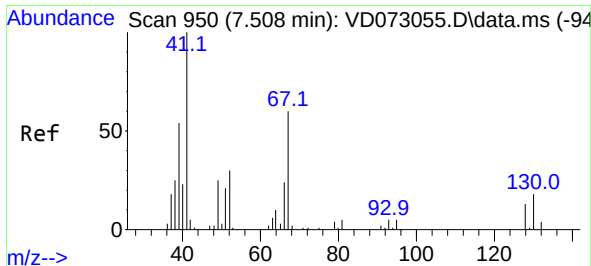
Lab File: VD073072.D

Acq: 17 May 2022 23:24

Tgt Ion: 78 Resp: 316639

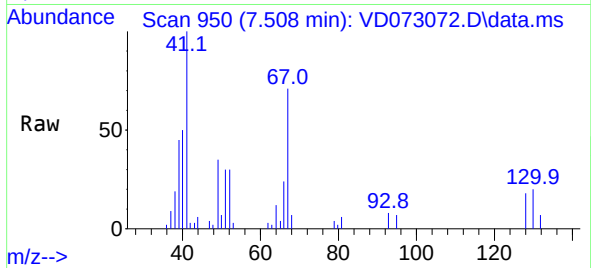
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.1	28.7





#41
Methacrylonitrile
Concen: 20.935 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

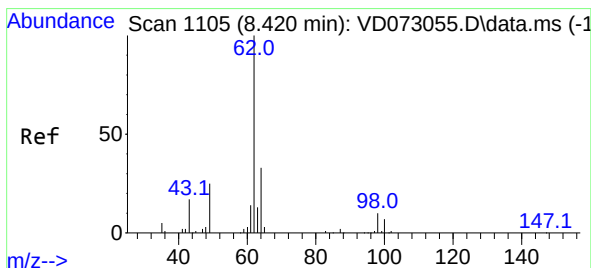
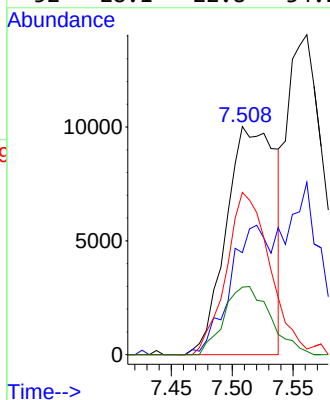
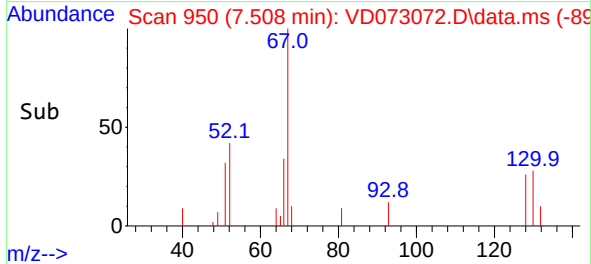
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



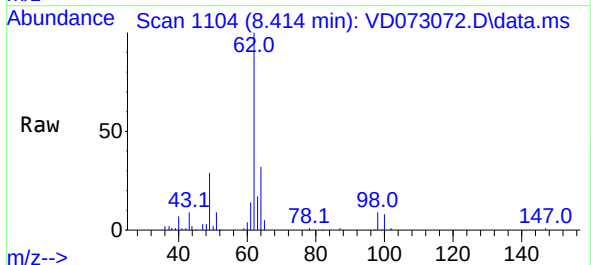
Tgt Ion: 41 Resp: 2826
Ion Ratio Lower Upper
41 100
39 45.5 44.6 67.0
67 63.8 48.2 72.4
52 28.1 22.8 34.2

Manual Integrations
APPROVED

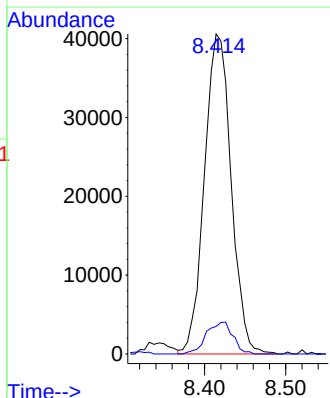
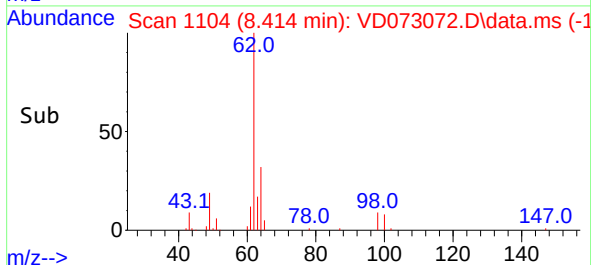
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

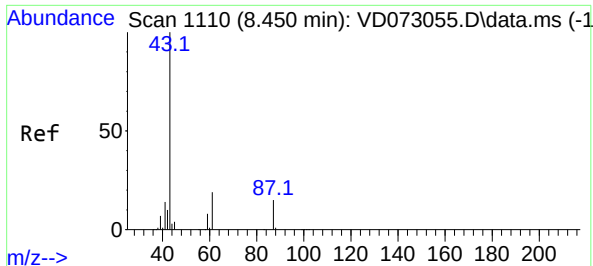


#42
1,2-Dichloroethane
Concen: 19.582 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



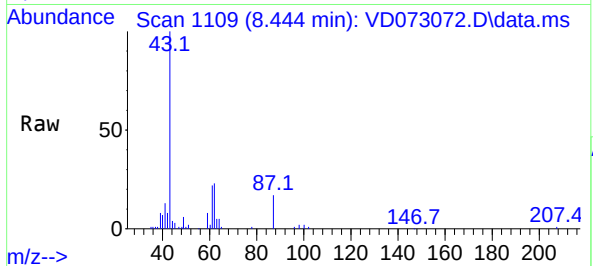
Tgt Ion: 62 Resp: 92918
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.696 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

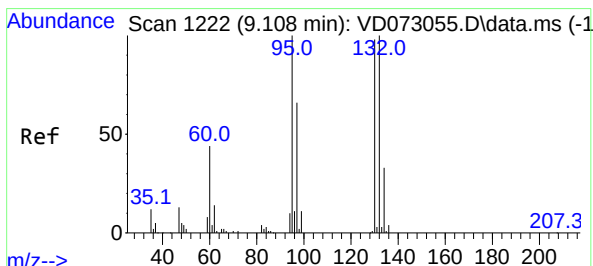
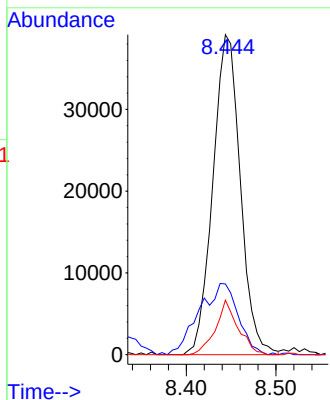
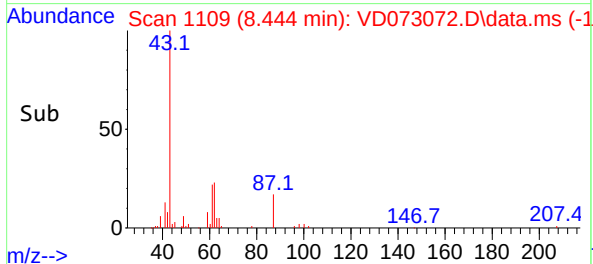
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



Tgt Ion: 43 Resp: 83229
Ion Ratio Lower Upper
43 100
61 31.6 22.4 33.6
87 14.0 8.7 13.1

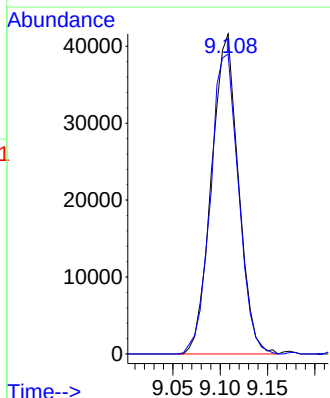
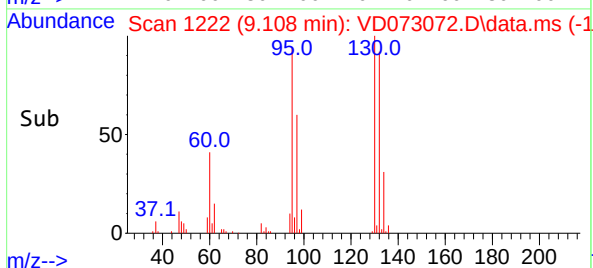
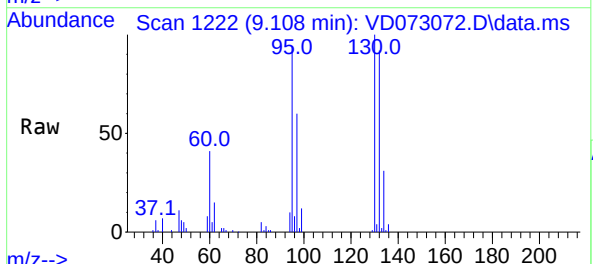
Manual Integrations
APPROVED

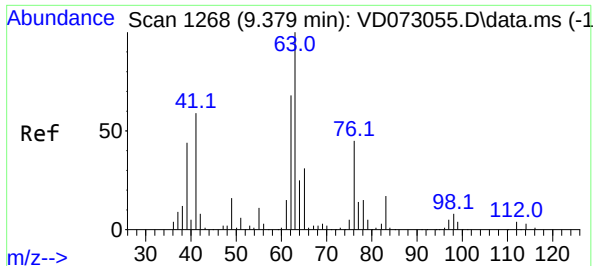
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 18.719 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion:130 Resp: 82542
Ion Ratio Lower Upper
130 100
95 93.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 18.864 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 63 Resp: 7986

Ion Ratio Lower Upper

63 100

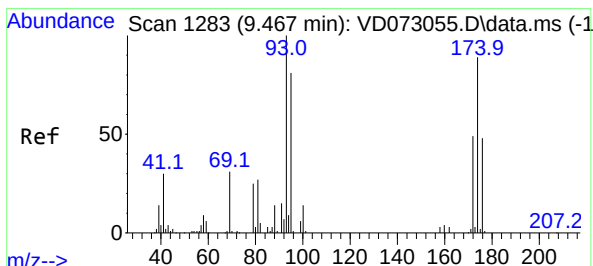
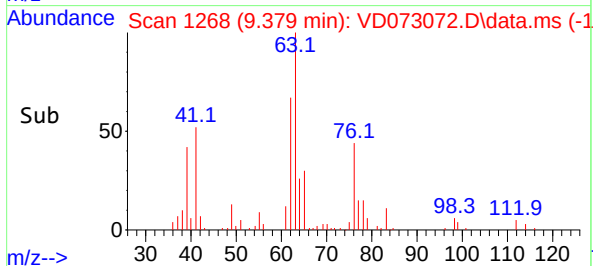
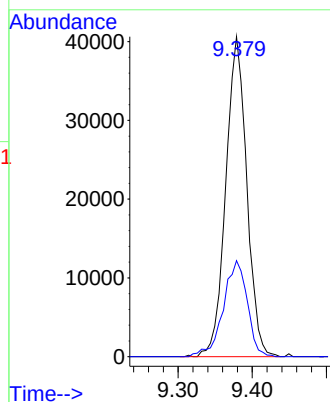
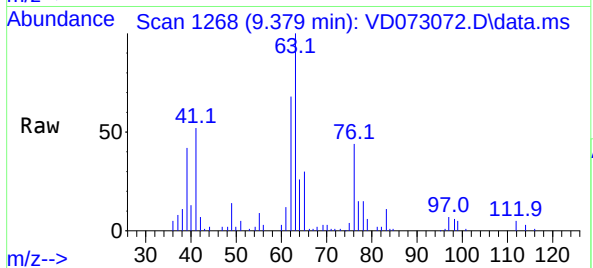
65 30.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 18.758 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

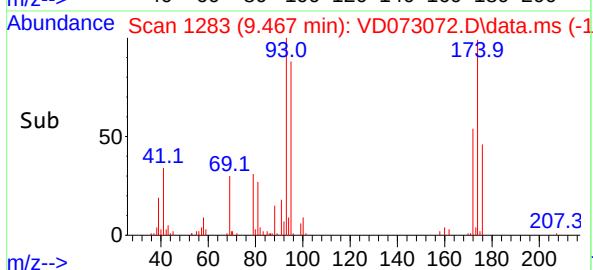
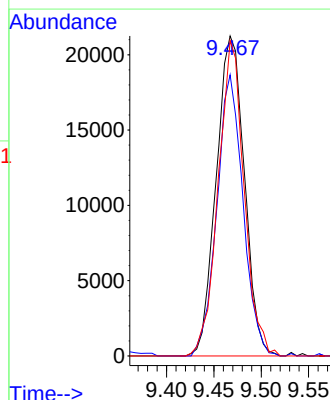
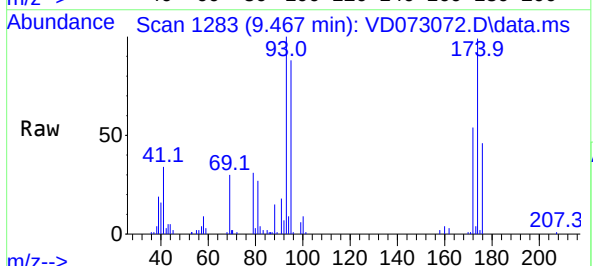
Tgt Ion: 93 Resp: 43912

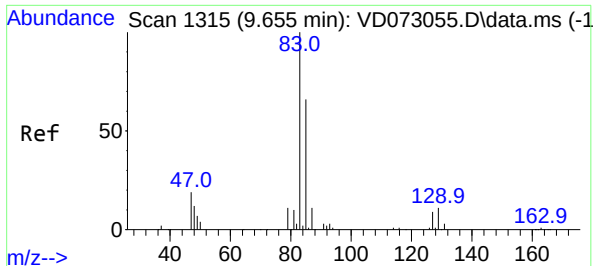
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

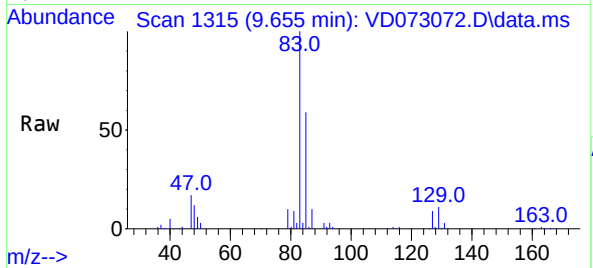
174 90.8 71.6 107.4





#47
Bromodichloromethane
Concen: 19.123 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

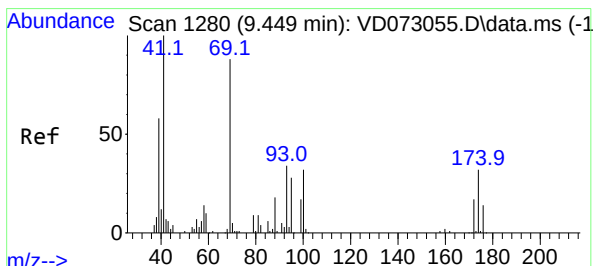
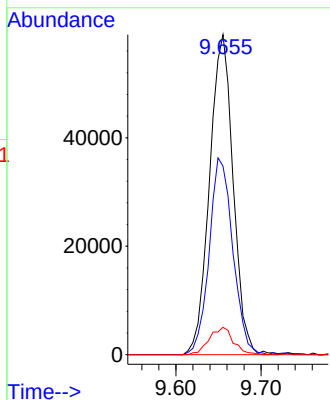
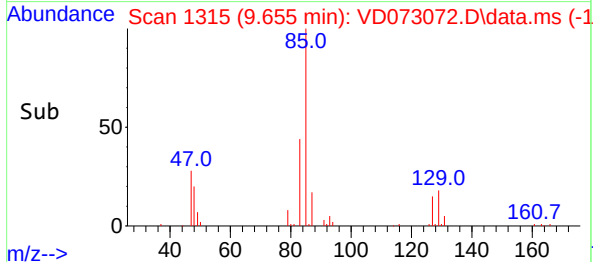
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



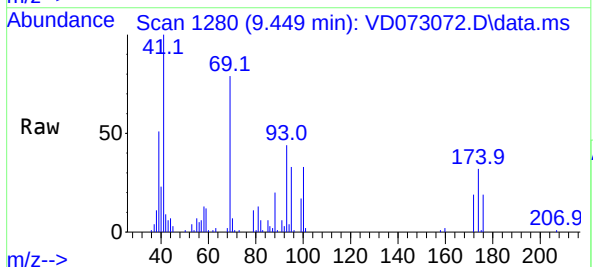
Tgt Ion: 83 Resp: 11369
Ion Ratio Lower Upper
83 100
85 58.9 51.4 77.0
127 8.6 6.1 9.1

Manual Integrations
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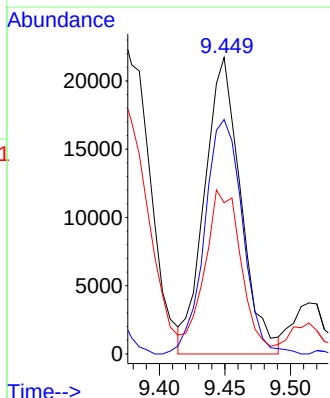
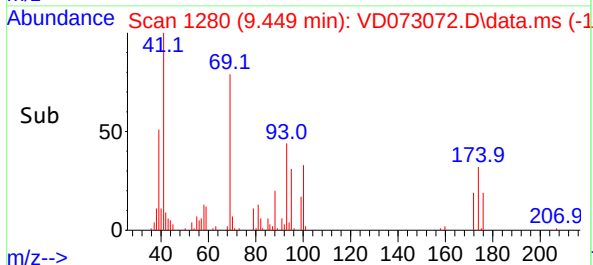
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

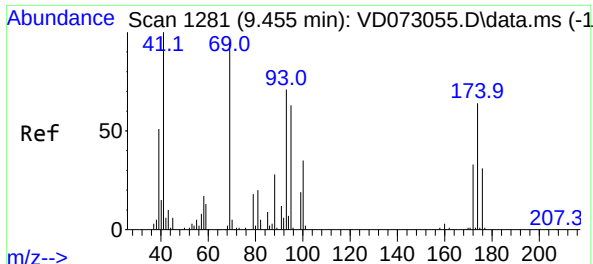


#48
Methyl methacrylate
Concen: 18.852 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion: 41 Resp: 41629
Ion Ratio Lower Upper
41 100
69 82.8 56.7 85.1
39 56.2 42.7 64.1





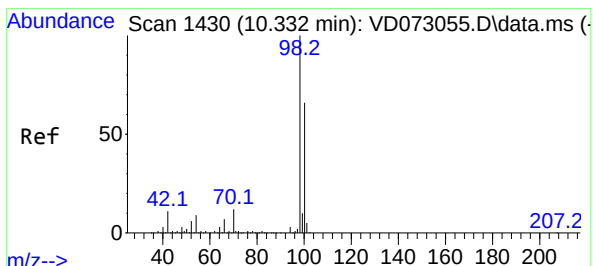
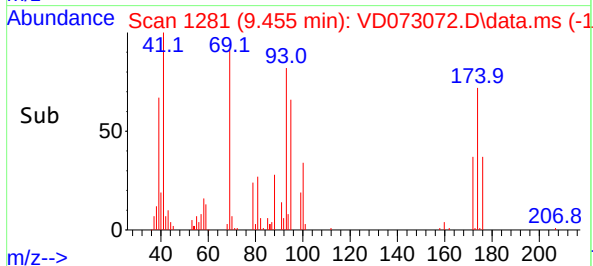
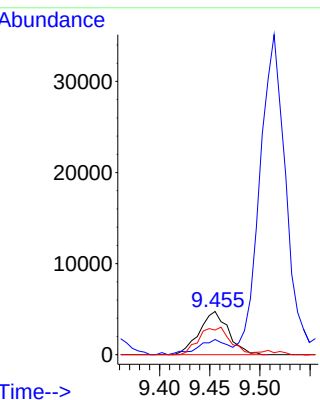
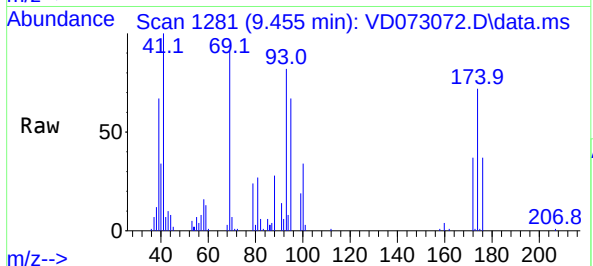
#49
1,4-Dioxane
Concen: 393.071 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 88 Resp: 9580
Ion Ratio Lower Upper
88 100
43 35.9 31.0 46.4
58 67.9 58.1 87.1

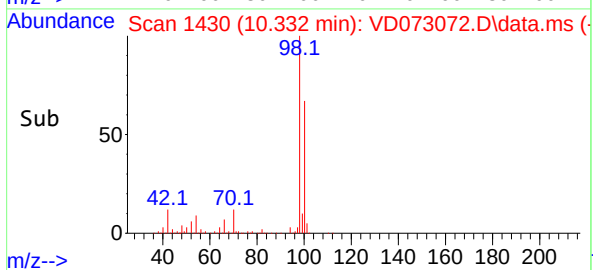
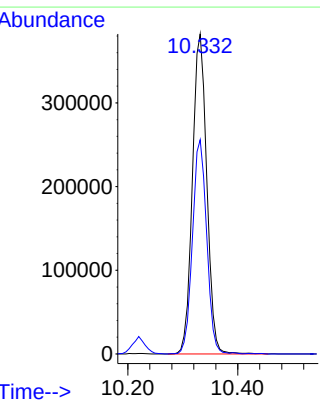
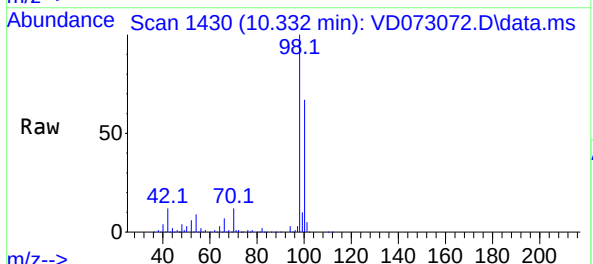
Manual Integrations
APPROVED

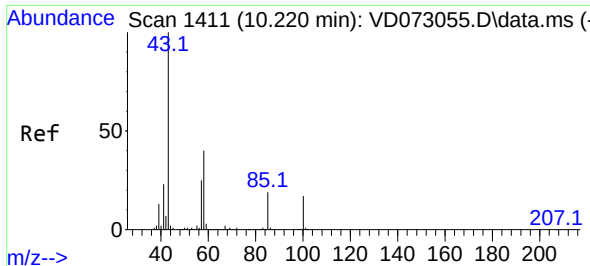
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 54.526 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

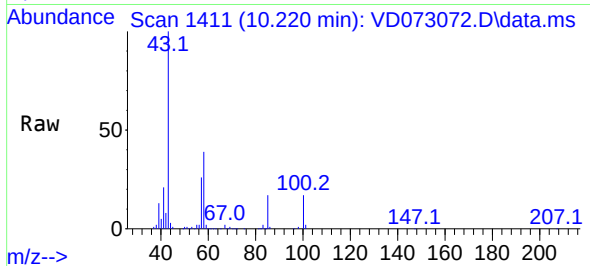
Tgt Ion: 98 Resp: 692148
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 93.202 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

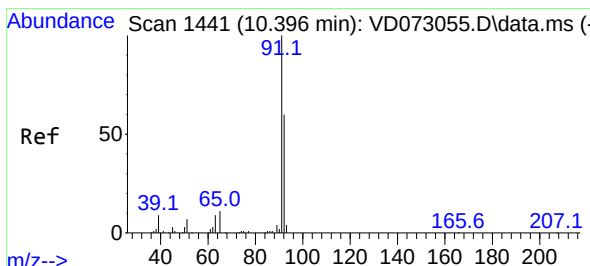
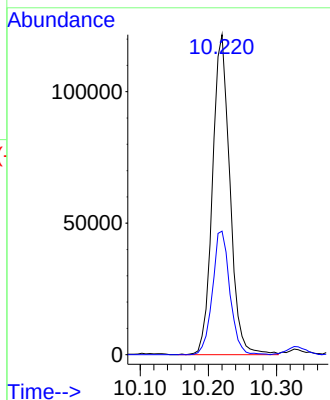
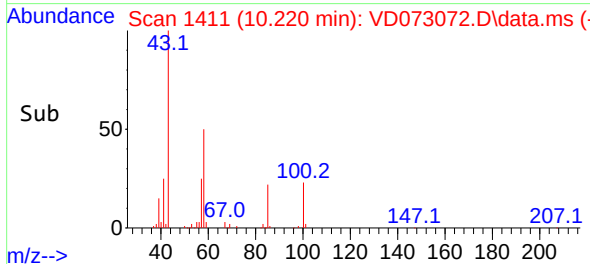
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



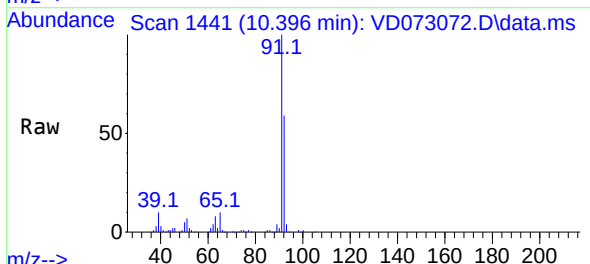
Tgt Ion: 43 Resp: 216520
Ion Ratio Lower Upper
43 100
58 38.6 28.6 43.0

Manual Integrations
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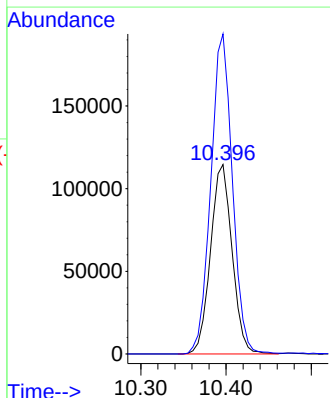
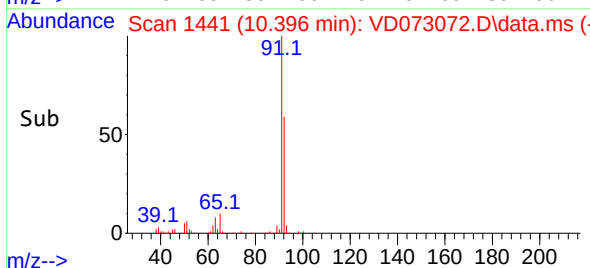
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

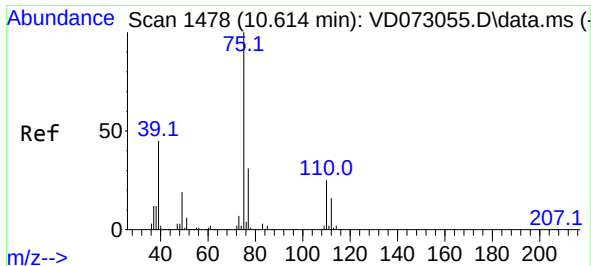


#52
Toluene
Concen: 19.492 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



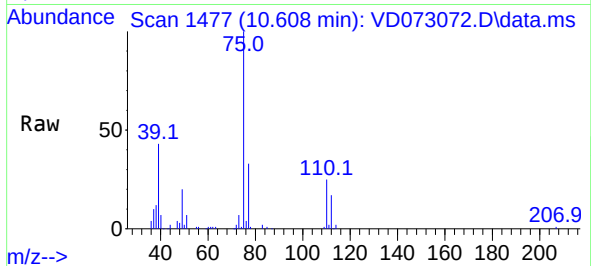
Tgt Ion: 92 Resp: 201745
Ion Ratio Lower Upper
92 100
91 168.9 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 17.893 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

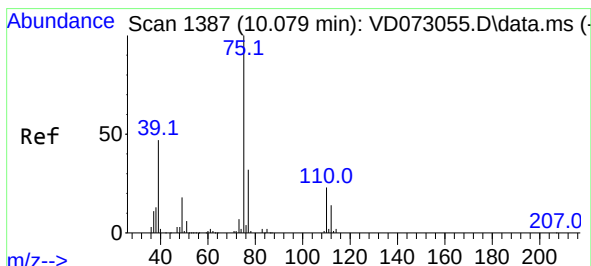
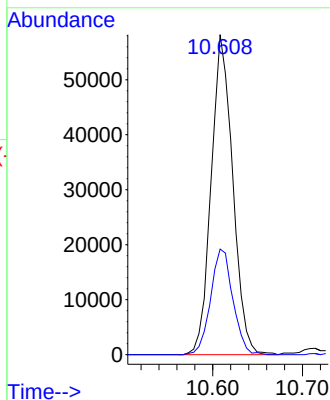
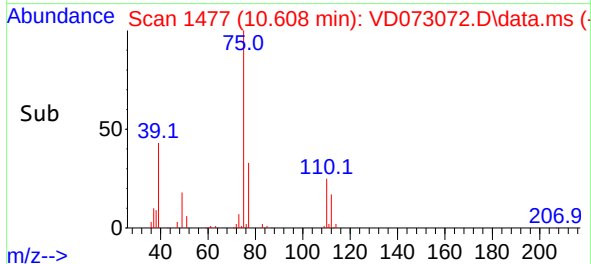
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



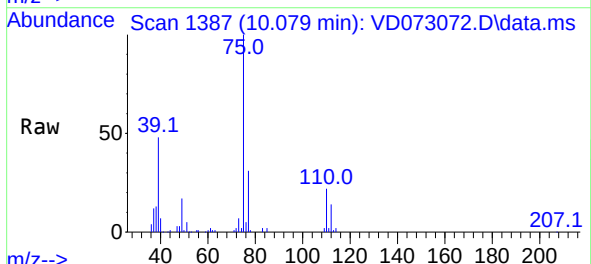
Tgt Ion: 75 Resp: 97025
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7

Manual Integrations
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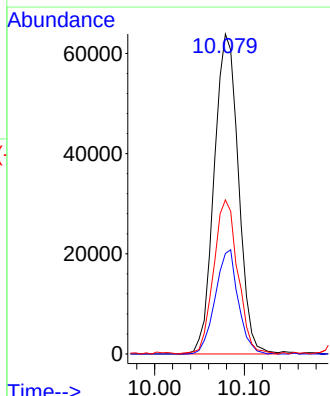
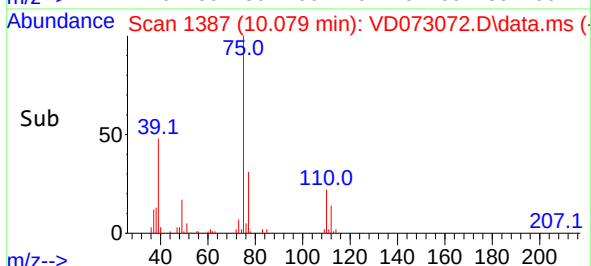
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

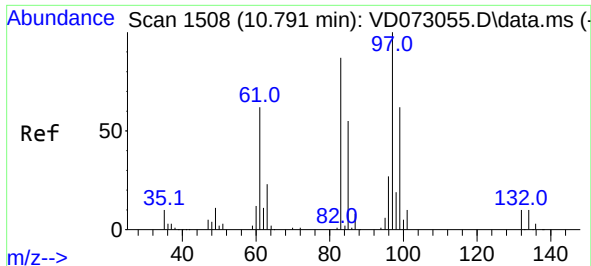


#54
cis-1,3-Dichloropropene
Concen: 18.760 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



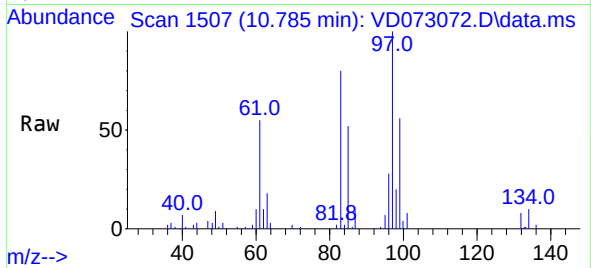
Tgt Ion: 75 Resp: 119943
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 48.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 18.972 ug/l
RT: 10.785 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

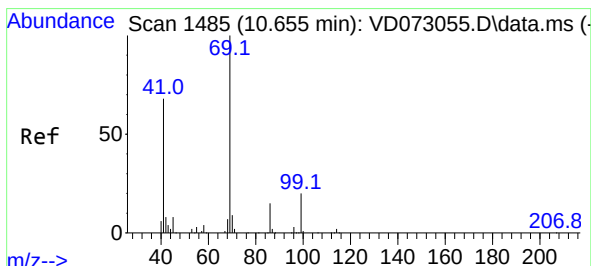
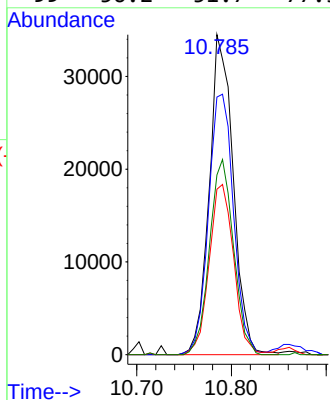
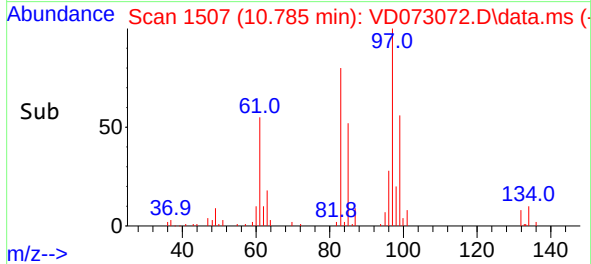


Tgt Ion: 97 Resp: 6062

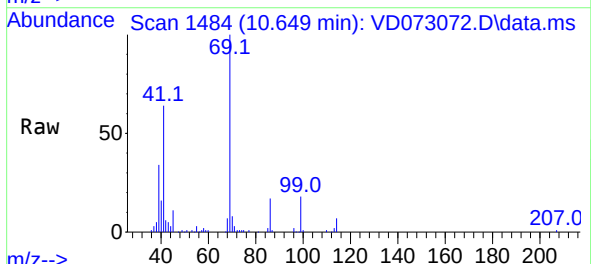
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.0	103.4
85	51.7	42.6	63.8
99	56.2	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

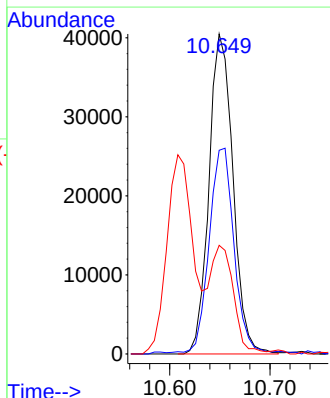
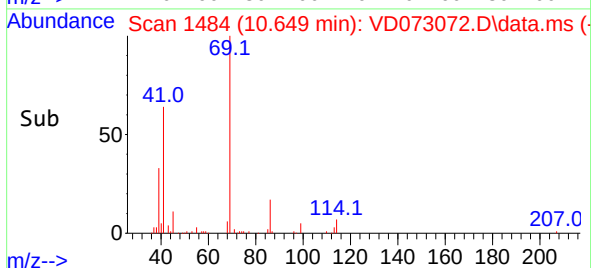


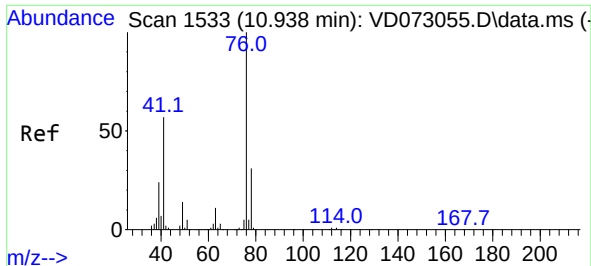
#56
Ethyl methacrylate
Concen: 18.630 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion: 69 Resp: 67321

Ion	Ratio	Lower	Upper
69	100		
41	67.7	63.0	94.6
39	33.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 18.694 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073072.D

Acq: 17 May 2022 23:24

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 76 Resp: 101638

Ion Ratio Lower Upper

76 100

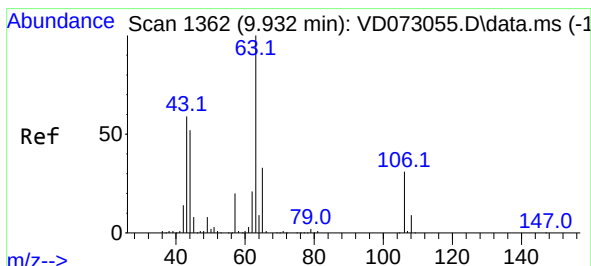
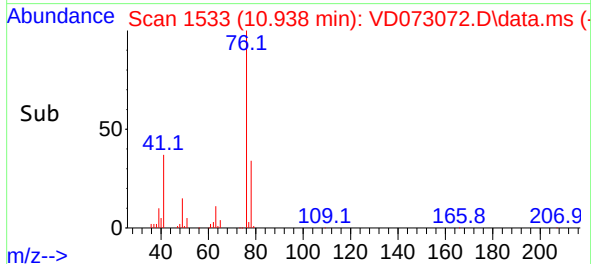
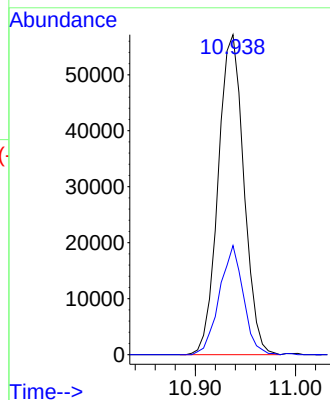
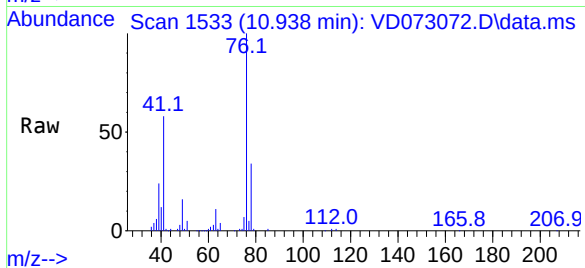
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.803 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073072.D

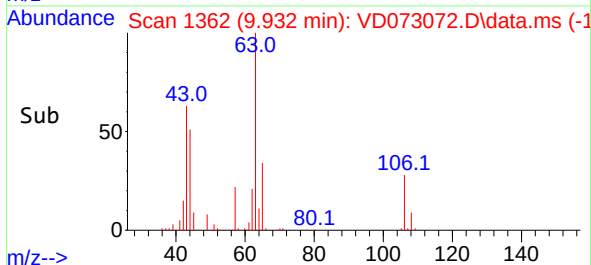
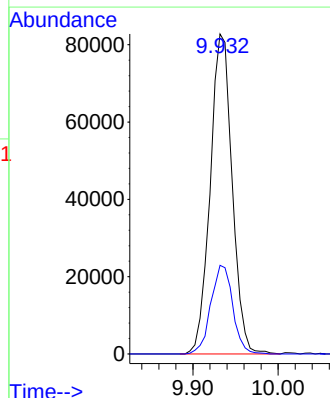
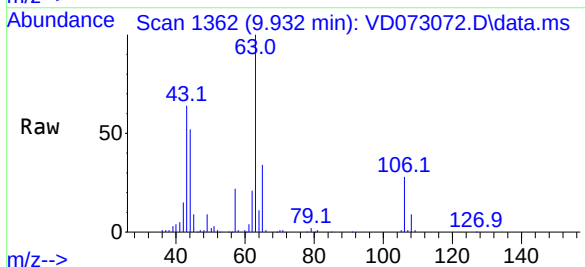
Acq: 17 May 2022 23:24

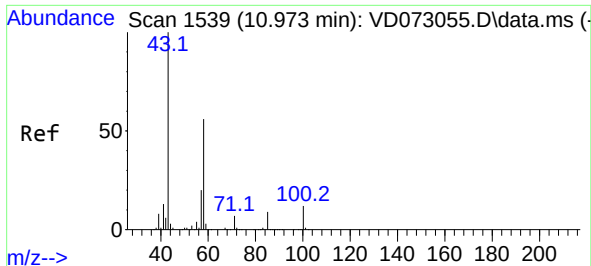
Tgt Ion: 63 Resp: 148154

Ion Ratio Lower Upper

63 100

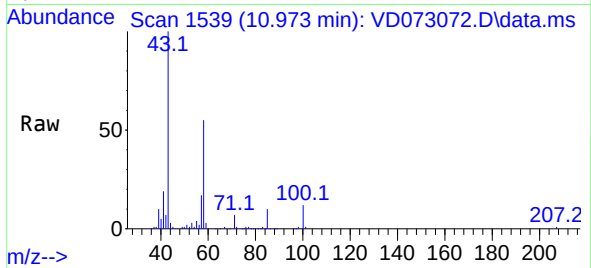
106 27.6 21.4 32.0





#59
2-Hexanone
Concen: 91.705 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

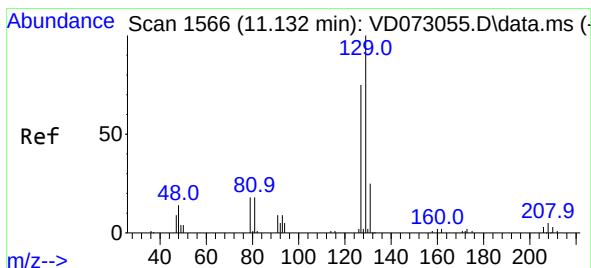
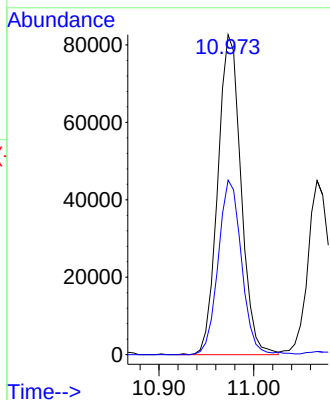
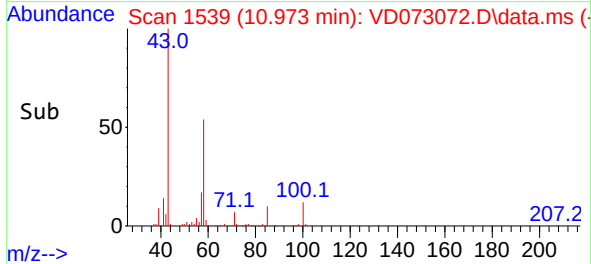
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



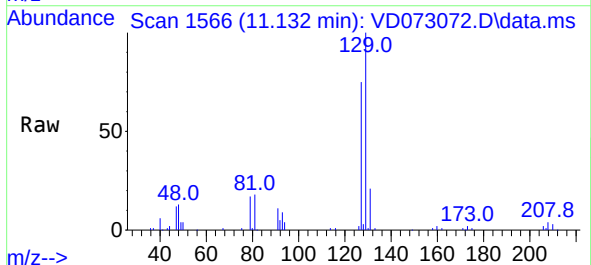
Tgt Ion: 43 Resp: 140738
Ion Ratio Lower Upper
43 100
58 54.9 25.3 75.9

Manual Integrations
APPROVED

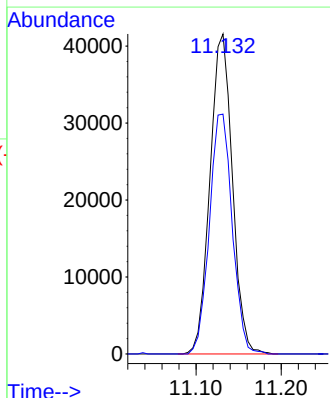
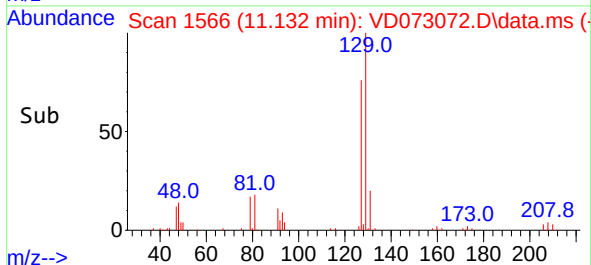
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

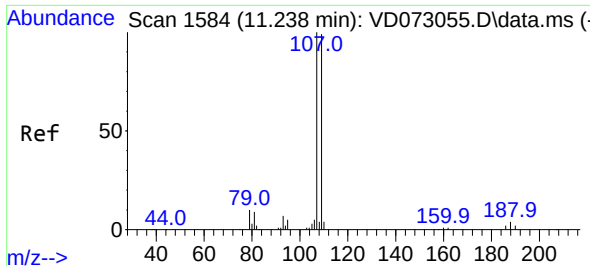


#60
Dibromochloromethane
Concen: 19.124 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion:129 Resp: 75919
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





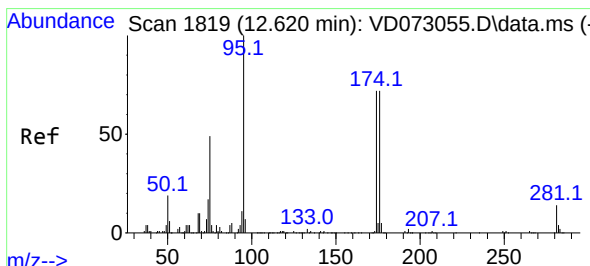
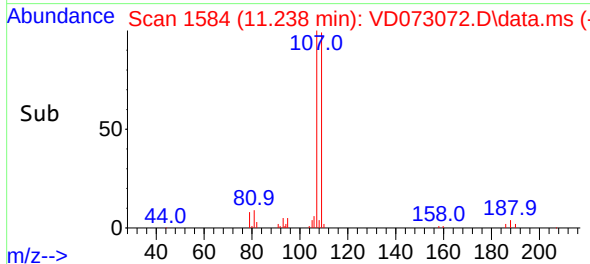
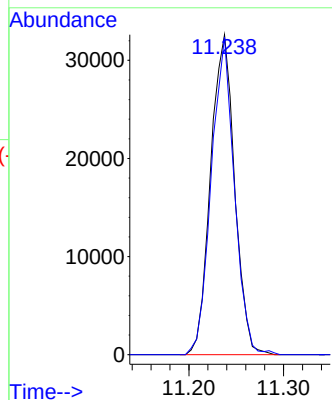
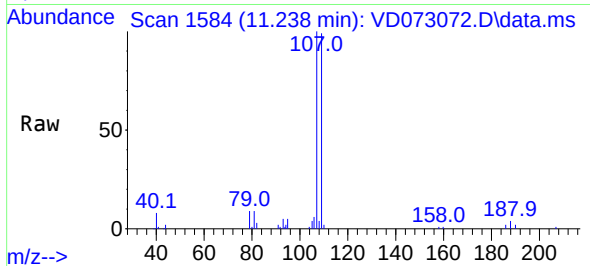
#61
1,2-Dibromoethane
Concen: 18.679 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion:107 Resp: 5743
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4

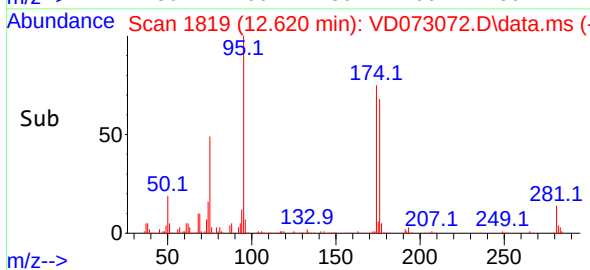
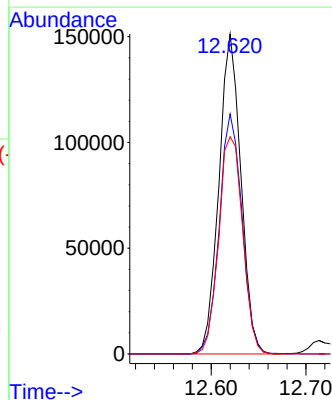
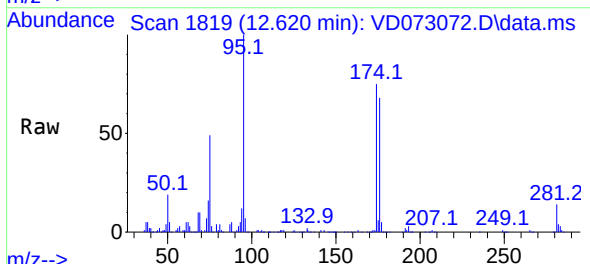
Manual Integrations
APPROVED

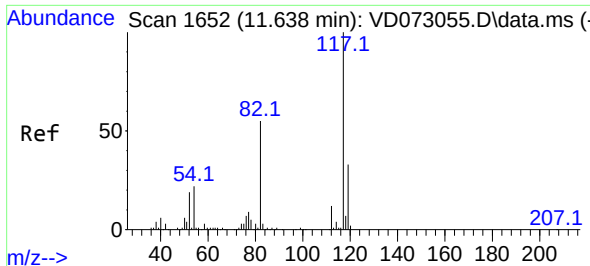
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 53.022 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

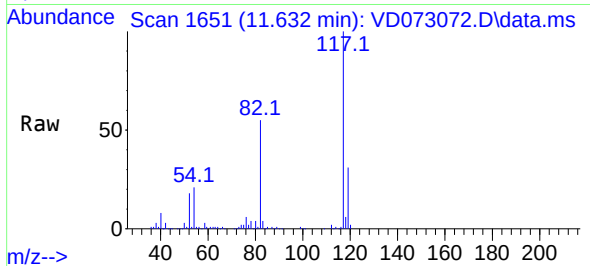
Tgt Ion: 95 Resp: 243780
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

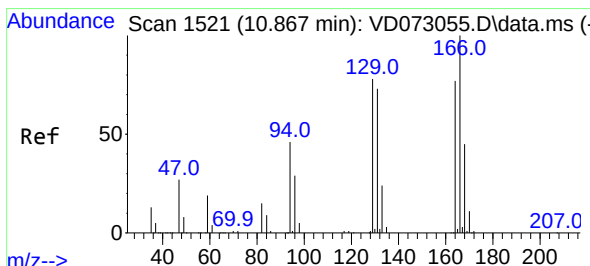
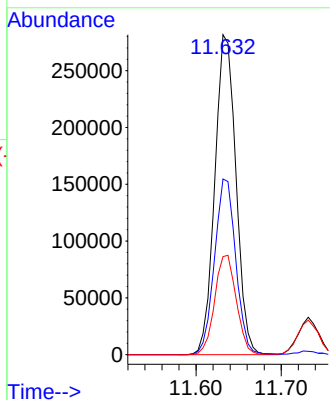
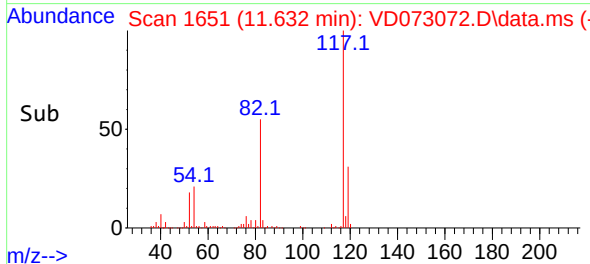
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



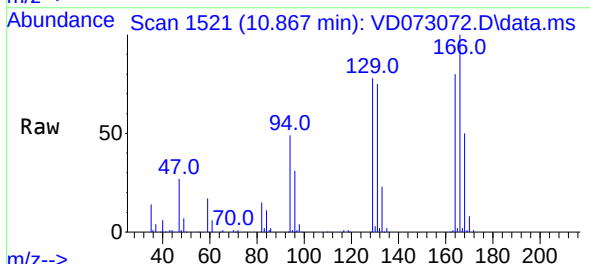
Tgt Ion:117 Resp: 487372
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 30.7 26.6 40.0

Manual Integrations
APPROVED

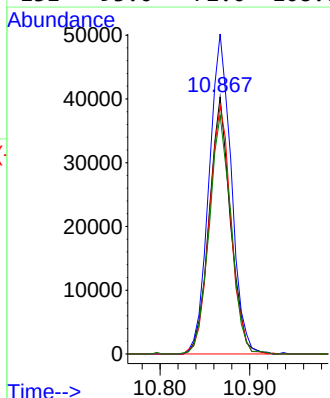
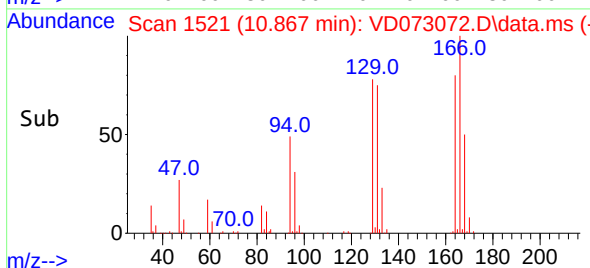
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

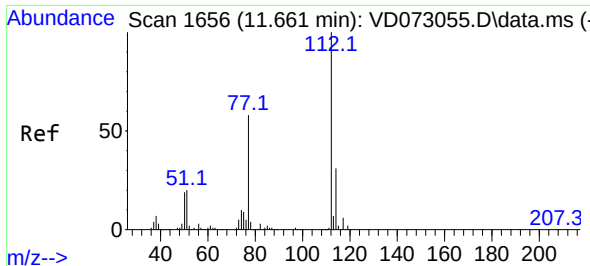


#64
Tetrachloroethene
Concen: 18.628 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



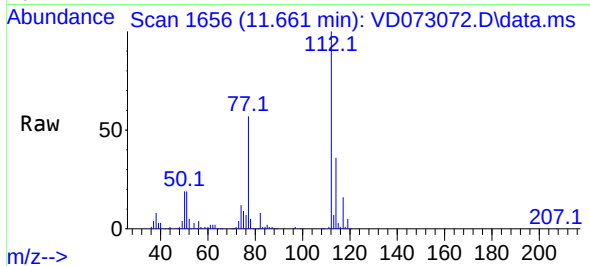
Tgt Ion:164 Resp: 66515
Ion Ratio Lower Upper
164 100
166 124.6 98.5 147.7
129 96.6 74.6 111.8
131 93.0 72.0 108.0





#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

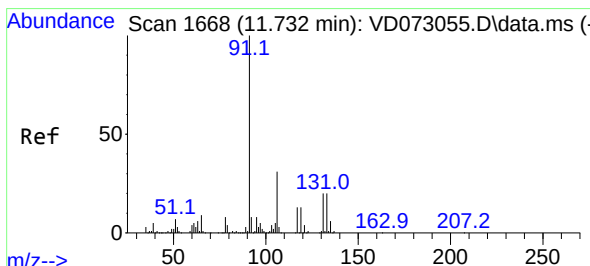
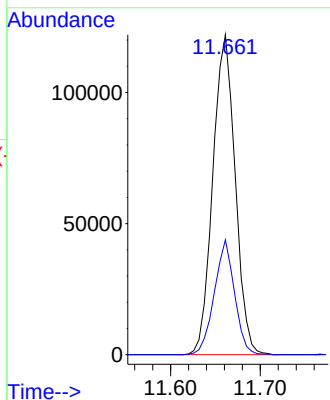
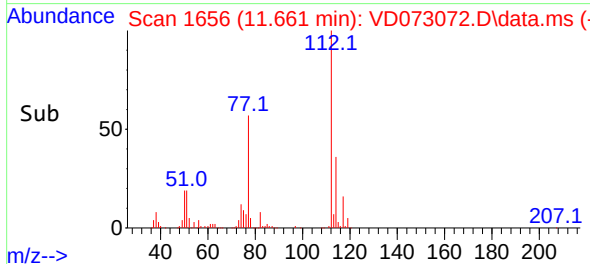
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



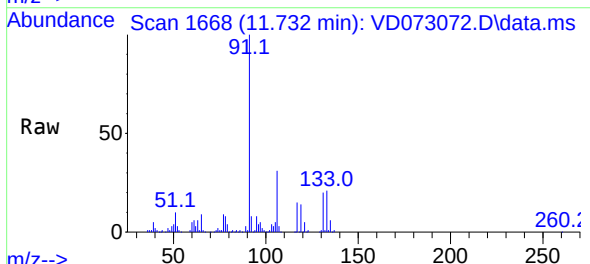
Tgt Ion:112 Resp: 21115
Ion Ratio Lower Upper
112 100
114 35.9 25.8 38.6

Manual Integrations
APPROVED

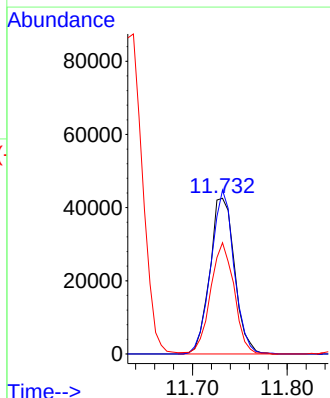
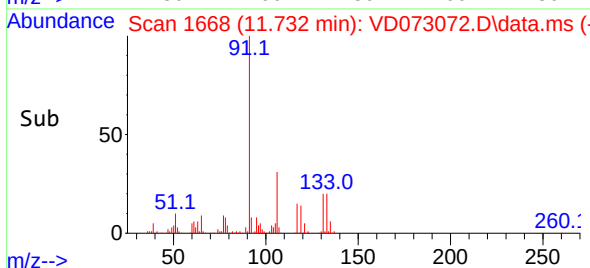
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

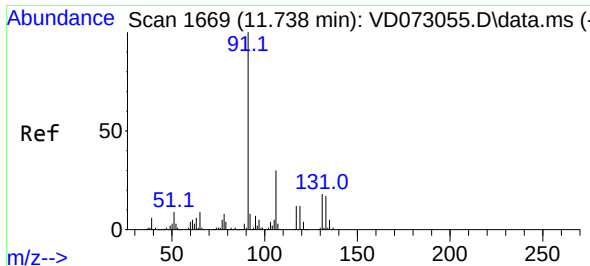


#66
1,1,1,2-Tetrachloroethane
Concen: 18.380 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



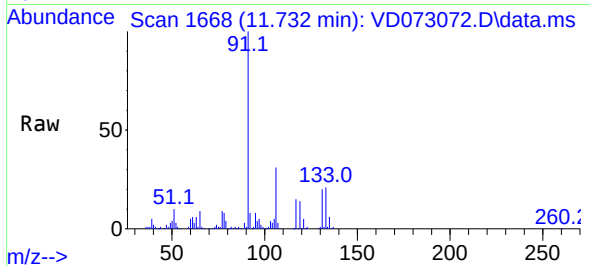
Tgt Ion:131 Resp: 77588
Ion Ratio Lower Upper
131 100
133 98.4 48.1 144.3
119 68.2 31.9 95.9





#67
Ethyl Benzene
Concen: 18.686 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

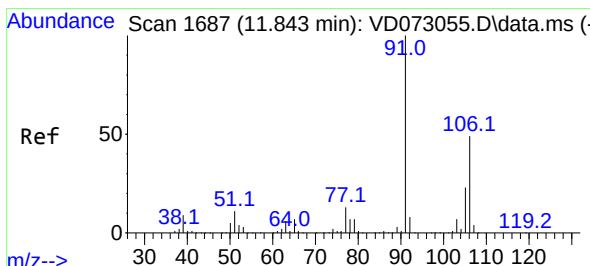
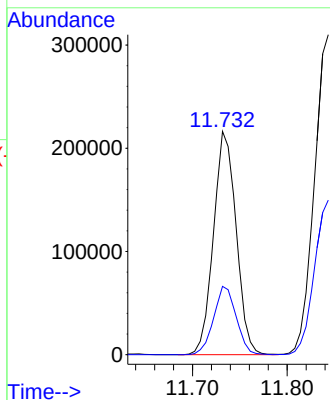
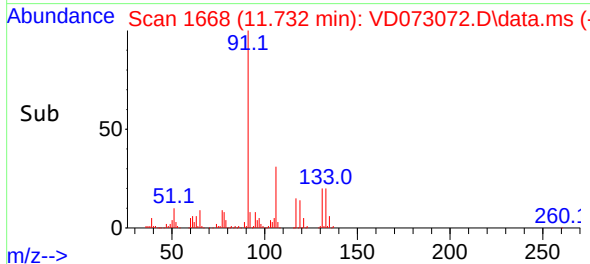
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



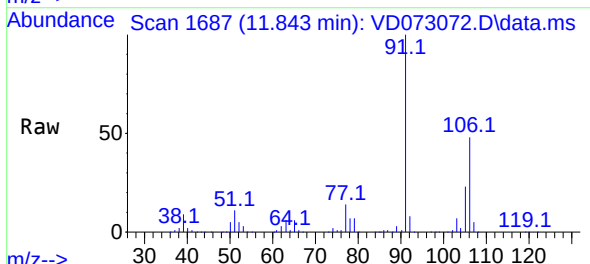
Tgt Ion: 91 Resp: 359552
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

Manual Integrations
APPROVED

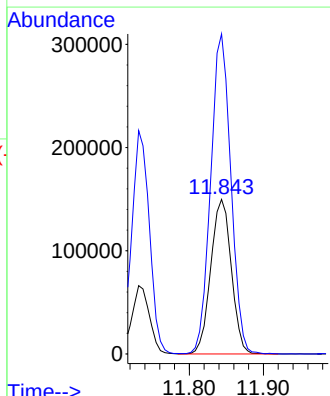
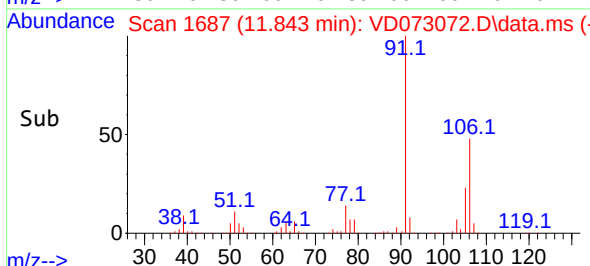
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

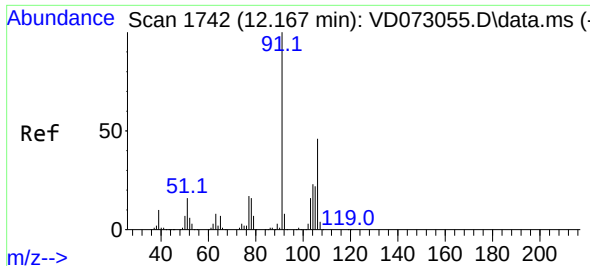


#68
m/p-Xylenes
Concen: 38.640 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion:106 Resp: 288151
Ion Ratio Lower Upper
106 100
91 203.6 163.7 245.5





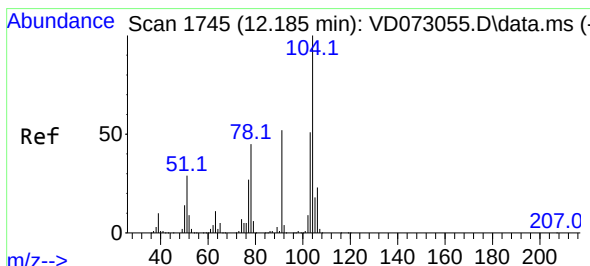
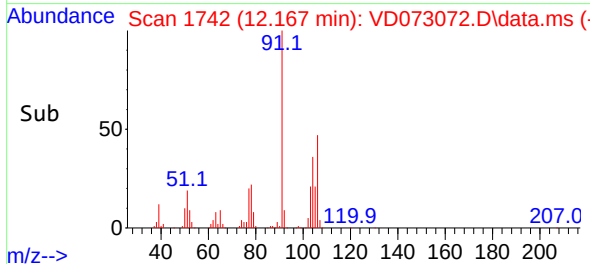
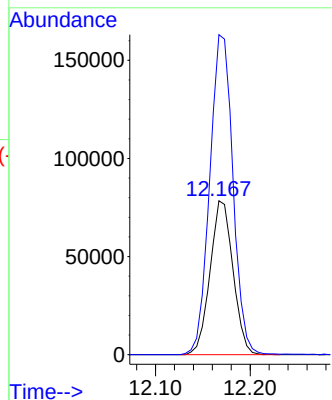
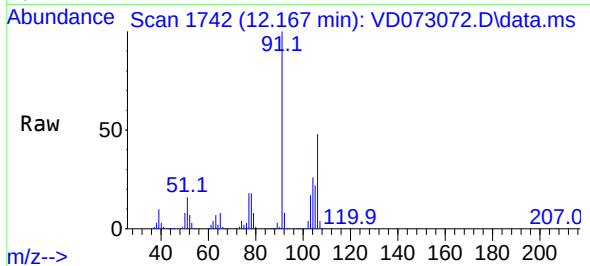
#69
o-Xylene
Concen: 19.214 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion:106 Resp: 132135
Ion Ratio Lower Upper
106 100
91 211.0 110.4 331.2

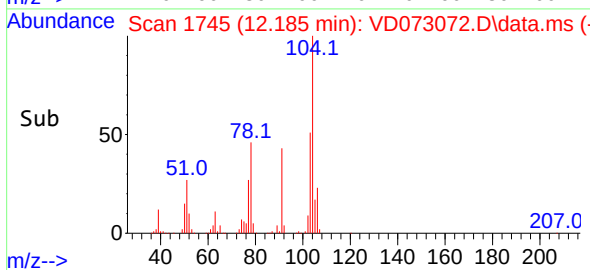
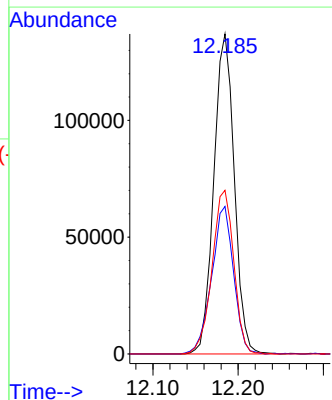
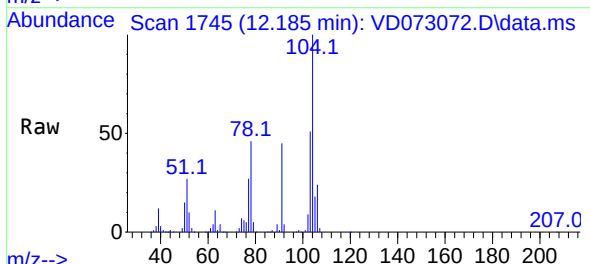
Manual Integrations
APPROVED

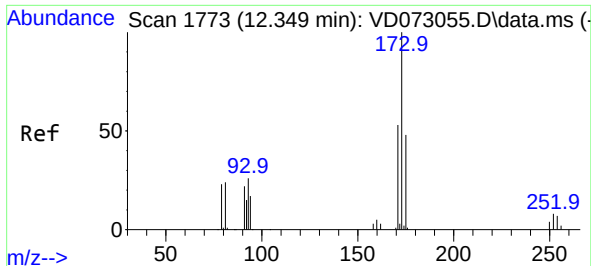
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 19.031 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

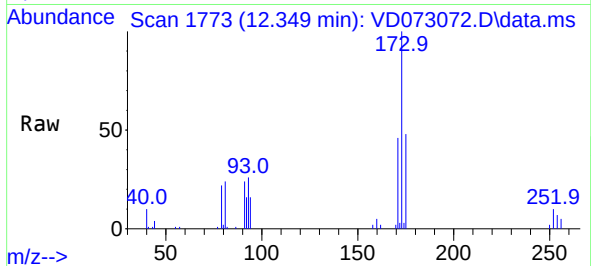
Tgt Ion:104 Resp: 228600
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.4 44.2 66.4





#71
Bromoform
Concen: 18.991 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

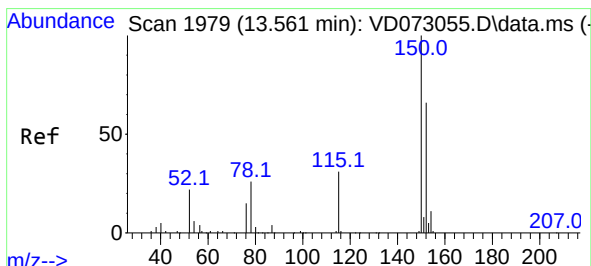
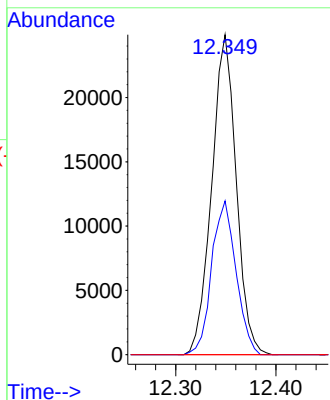
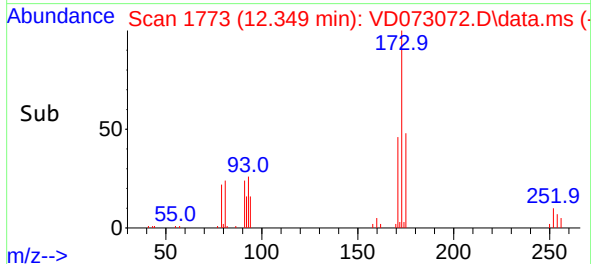
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



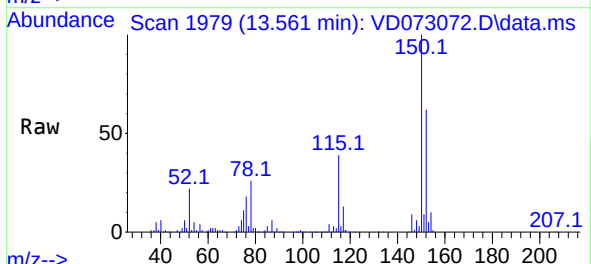
Tgt Ion:173 Resp: 42210
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

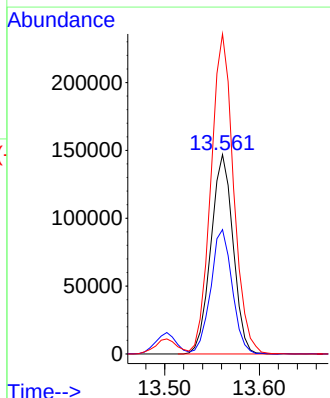
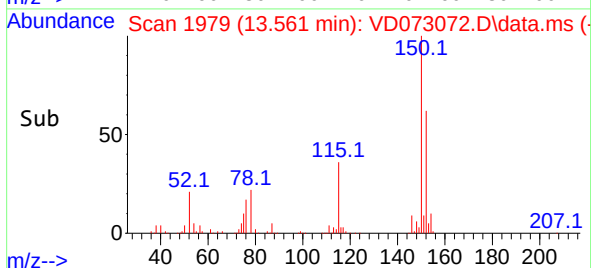
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

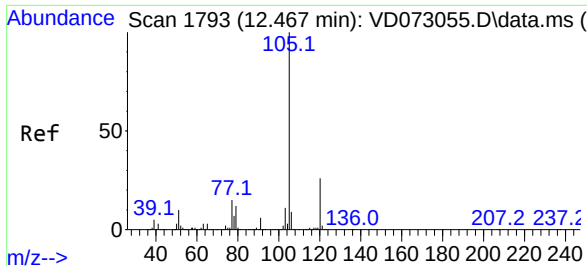


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



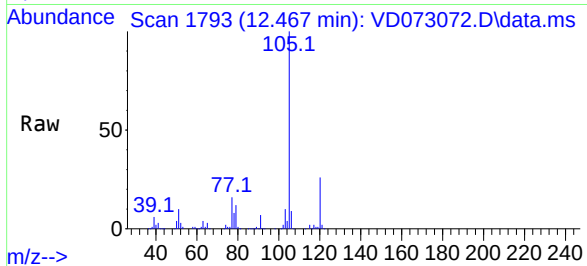
Tgt Ion:152 Resp: 238602
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 164.2 0.0 348.6





#73
Isopropylbenzene
Concen: 18.636 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

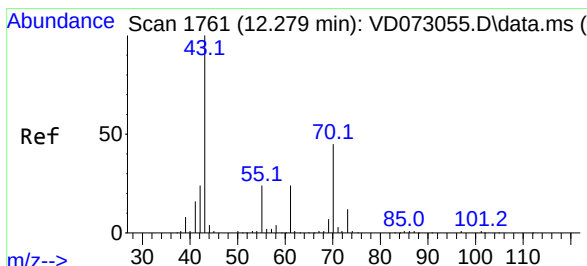
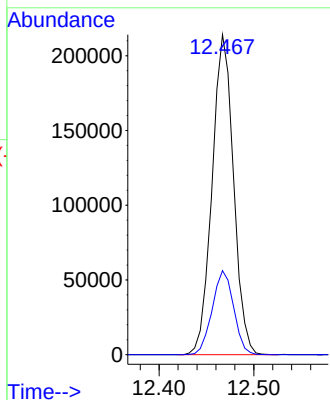
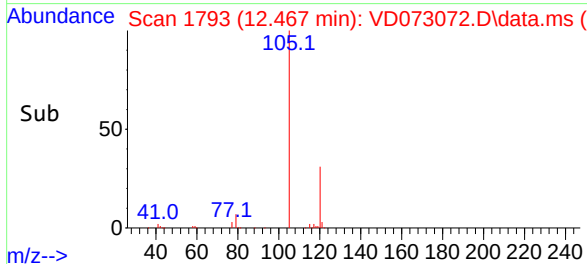
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



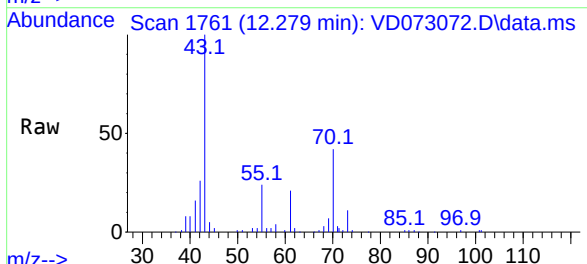
Tgt Ion:105 Resp: 33704
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9

Manual Integrations
APPROVED

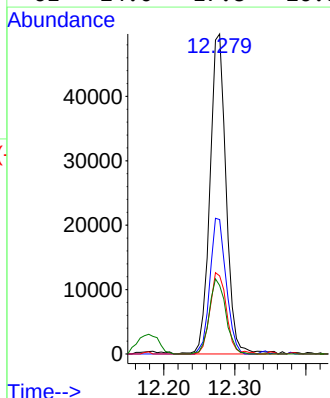
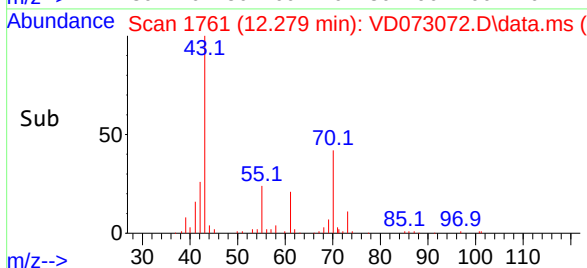
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

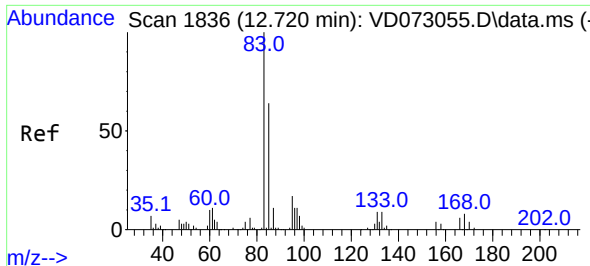


#74
N-ethyl acetate
Concen: 18.552 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



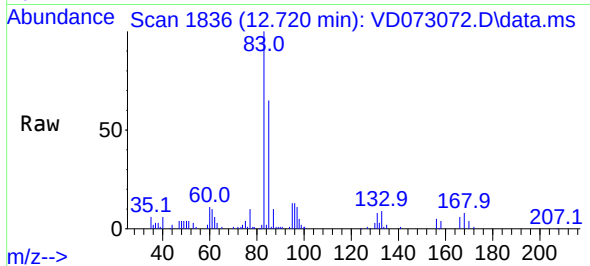
Tgt Ion: 43 Resp: 78410
Ion Ratio Lower Upper
43 100
70 42.5 31.3 46.9
55 25.9 20.0 30.0
61 24.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.502 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

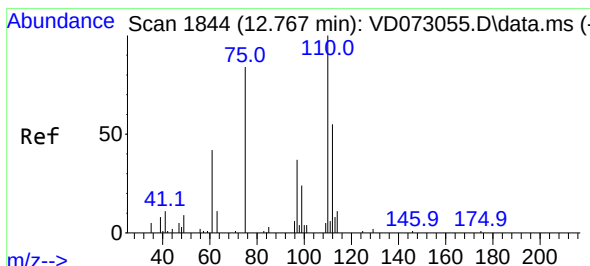
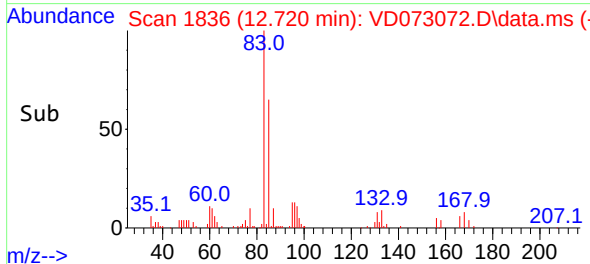
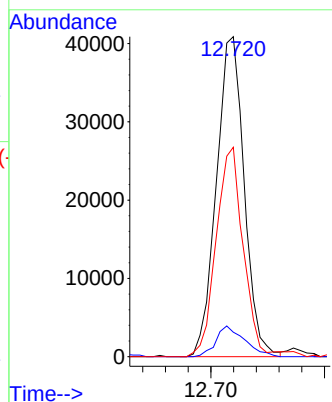
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



Tgt Ion: 83 Resp: 69538
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.3 32.6 98.0

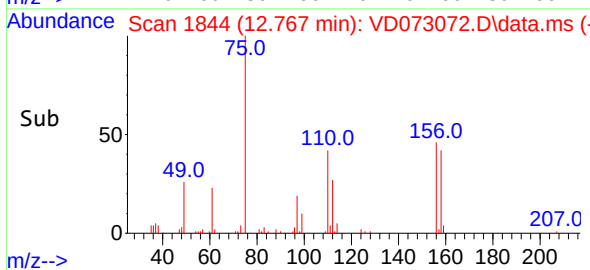
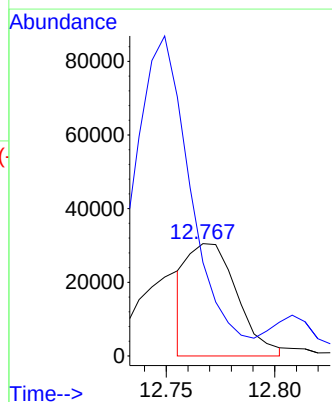
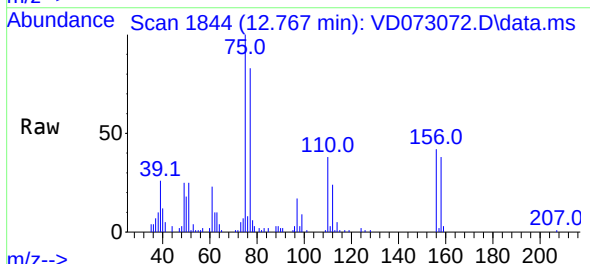
Manual Integrations
APPROVED

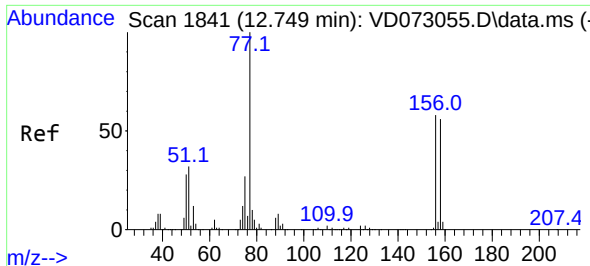
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,2,3-Trichloropropane
Concen: 17.979 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 75 Resp: 48493
Ion Ratio Lower Upper
75 100
77 331.4 0.0 0.0#





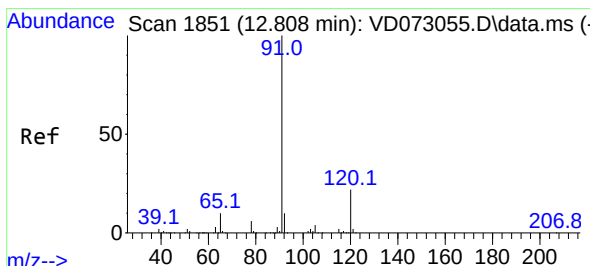
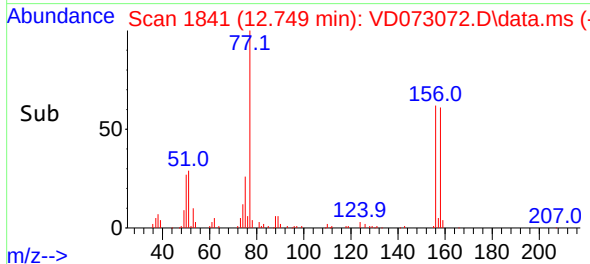
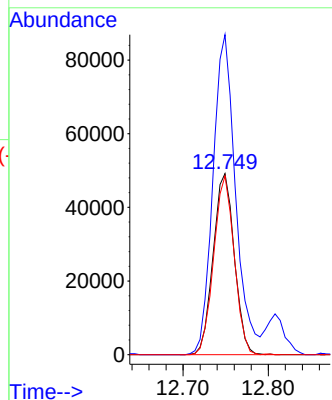
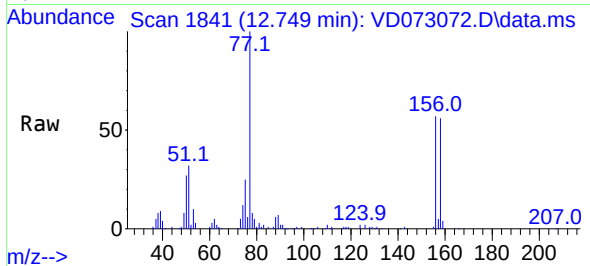
#77
Bromobenzene
Concen: 19.656 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion:156 Resp: 8482
Ion Ratio Lower Upper
156 100
77 189.4 102.8 308.3
158 95.5 48.7 146.1

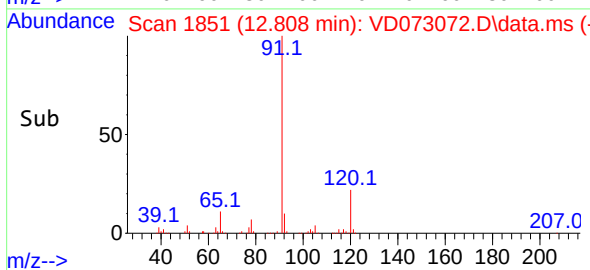
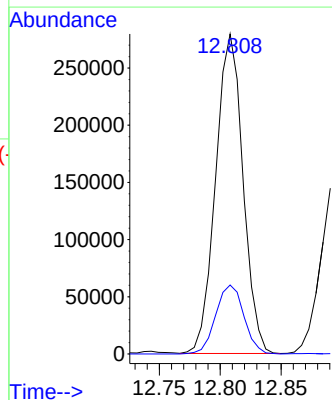
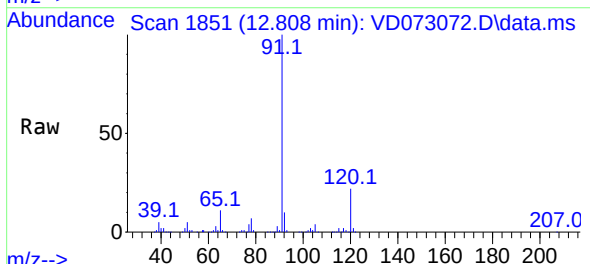
Manual Integrations
APPROVED

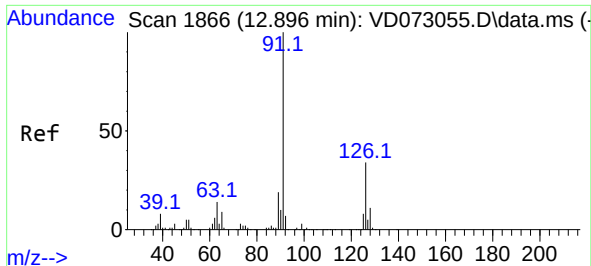
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
n-propylbenzene
Concen: 19.216 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion: 91 Resp: 436442
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





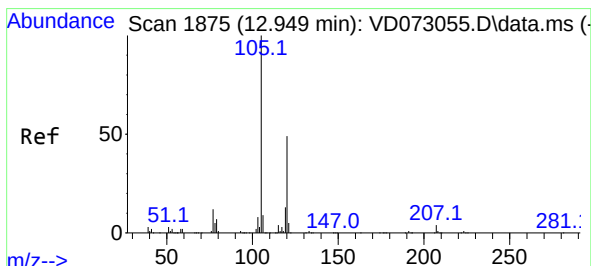
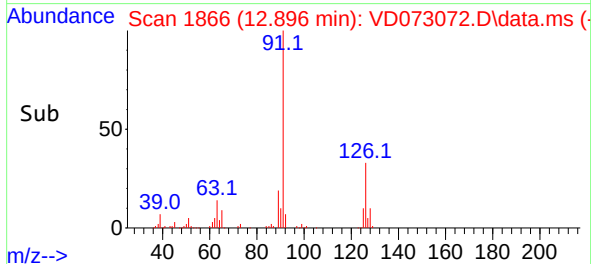
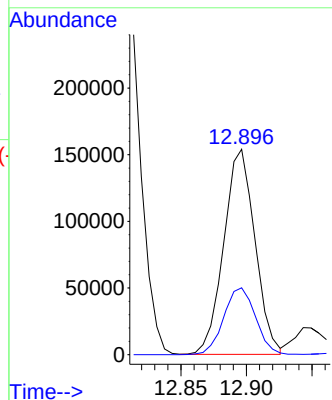
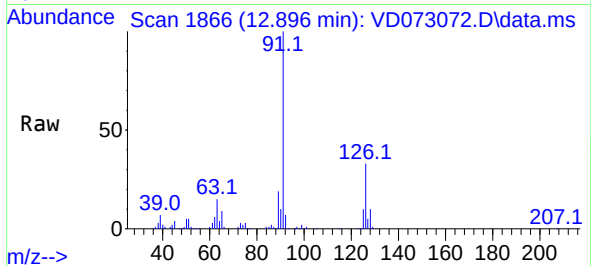
#79
2-Chlorotoluene
Concen: 19.250 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 91 Resp: 25469
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

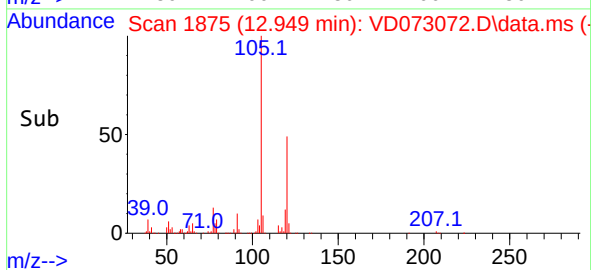
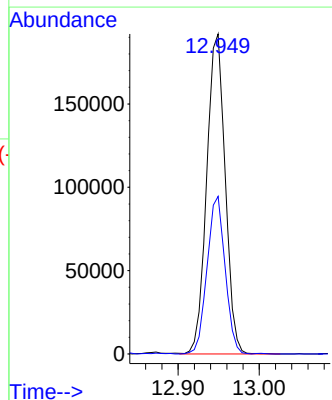
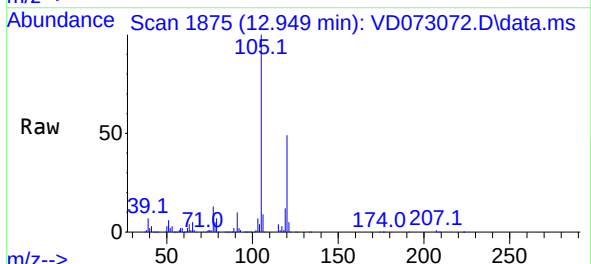
Manual Integrations
APPROVED

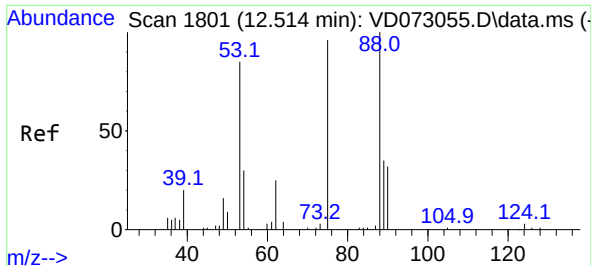
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.693 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Tgt Ion:105 Resp: 303425
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





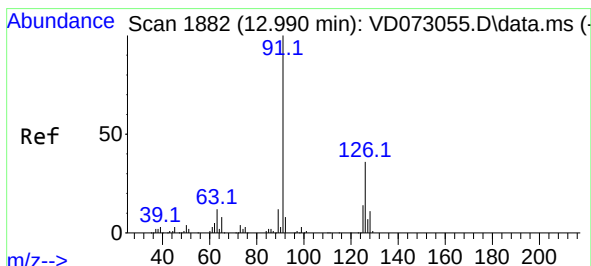
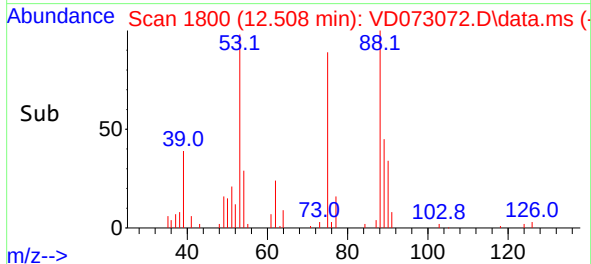
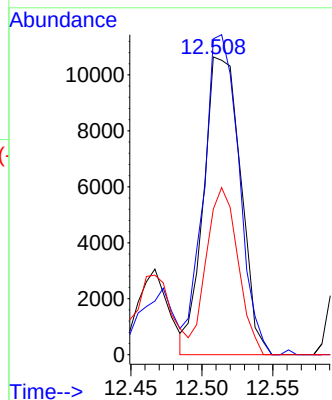
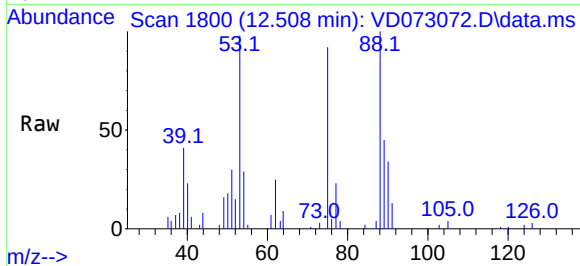
#81
trans-1,4-Dichloro-2-butene
Concen: 17.121 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 75 Resp: 1925
Ion Ratio Lower Upper
75 100
53 102.3 86.5 129.7
89 47.7 33.9 50.9

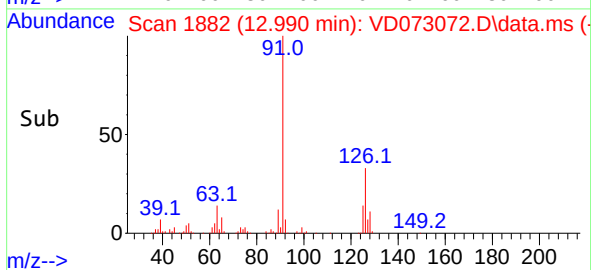
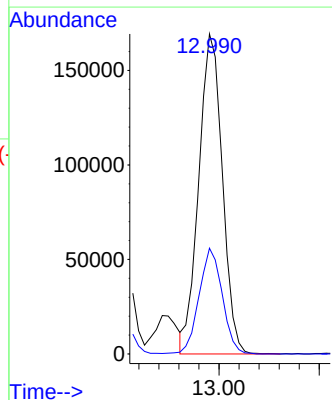
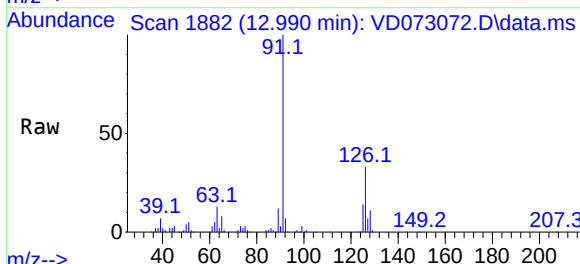
Manual Integrations
APPROVED

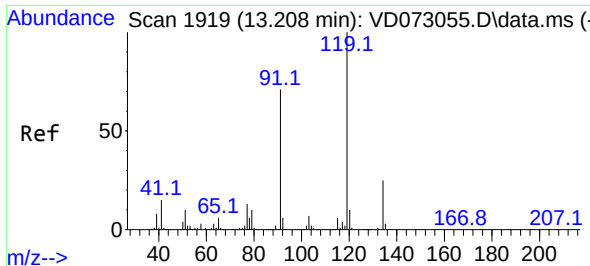
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 19.778 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

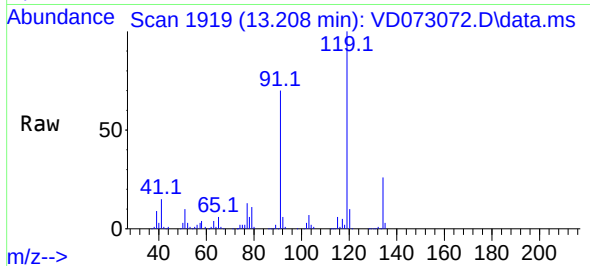
Tgt Ion: 91 Resp: 276949
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 17.721 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

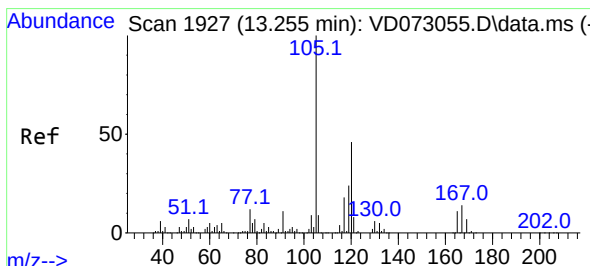
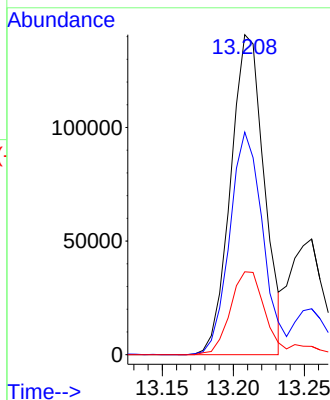
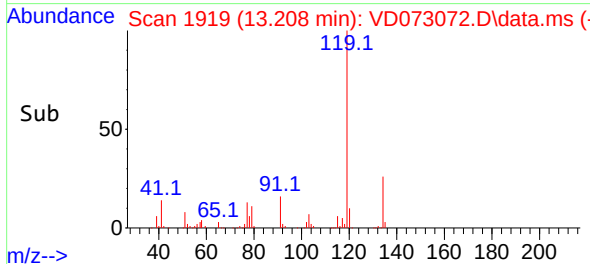
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



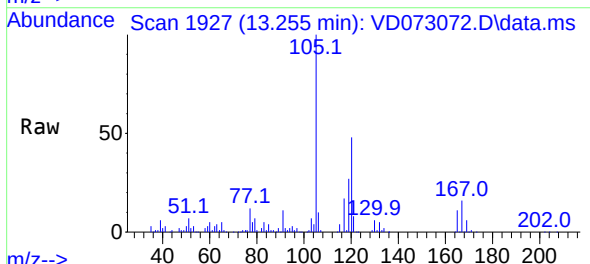
Tgt Ion:119 Resp: 23127
Ion Ratio Lower Upper
119 100
91 68.9 34.8 104.5
134 26.3 13.3 39.9

Manual Integrations
APPROVED

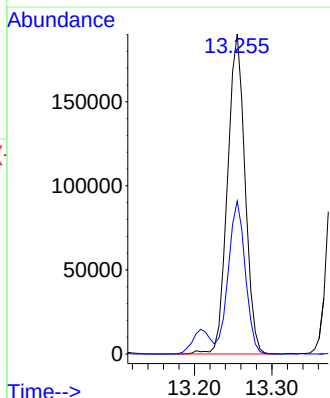
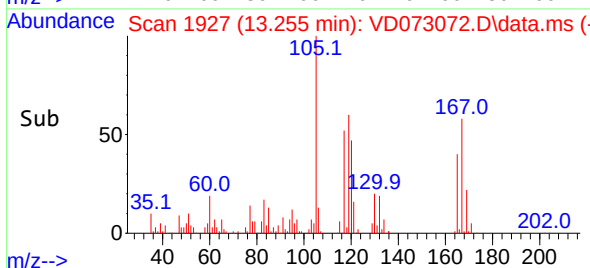
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

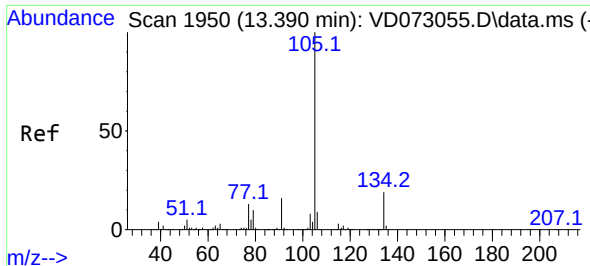


#84
1,2,4-Trimethylbenzene
Concen: 19.500 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



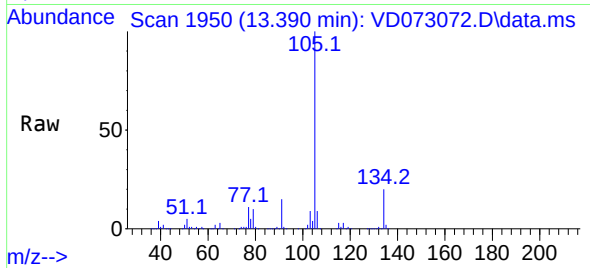
Tgt Ion:105 Resp: 298916
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 18.610 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073072.D
 Acq: 17 May 2022 23:24

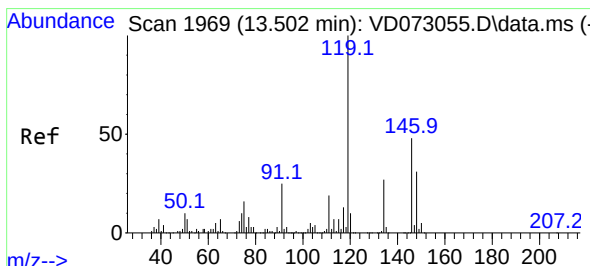
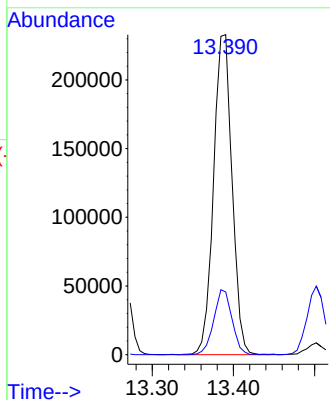
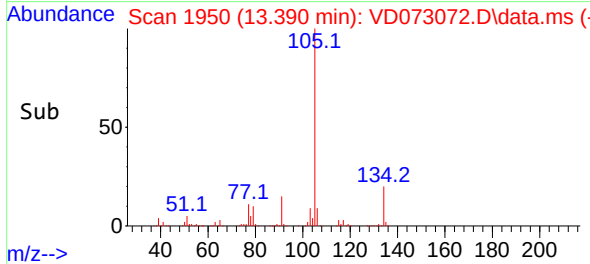
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS02



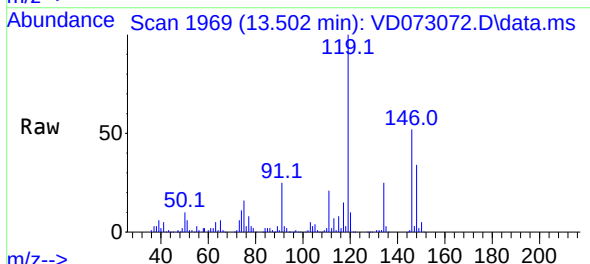
Tgt Ion:105 Resp: 368659
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

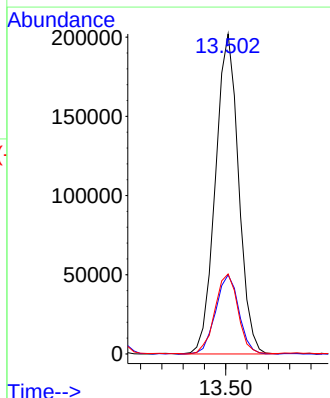
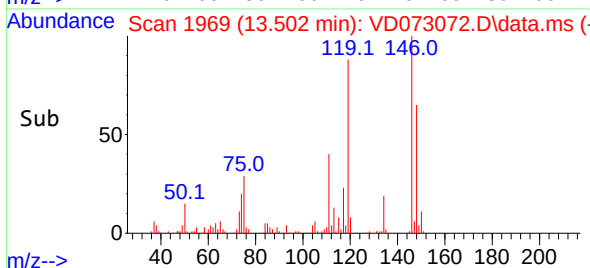
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

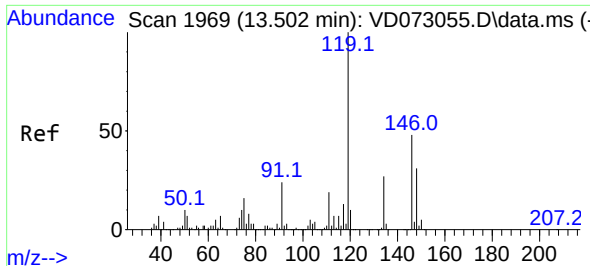


#86
 p-Isopropyltoluene
 Concen: 18.913 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073072.D
 Acq: 17 May 2022 23:24



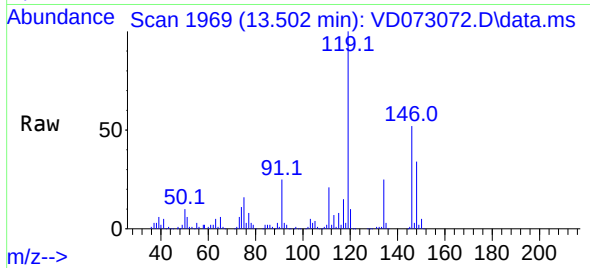
Tgt Ion:119 Resp: 304760
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.9 38.6
 91 24.9 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.271 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

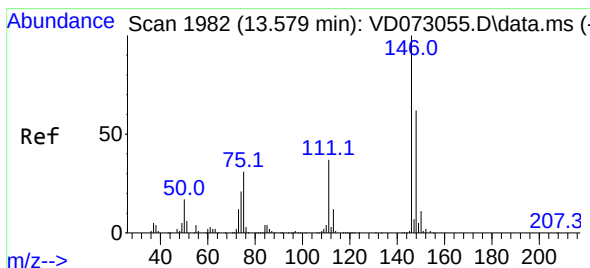
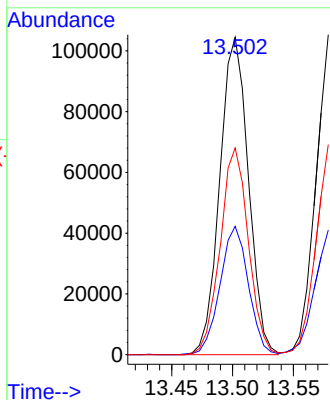
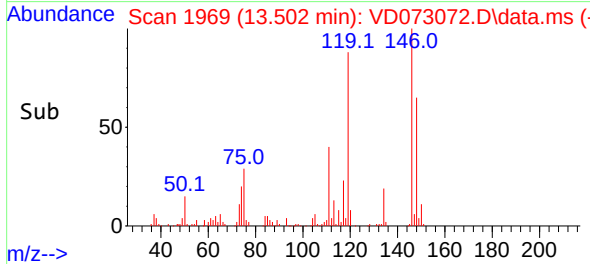
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



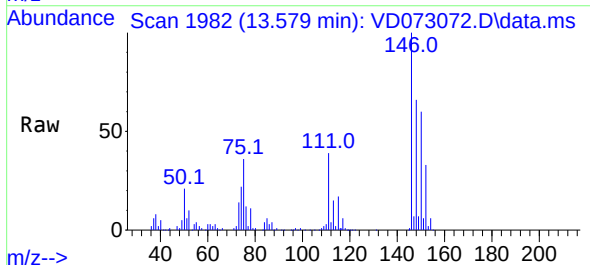
Tgt Ion:146 Resp: 170924
Ion Ratio Lower Upper
146 100
111 40.1 20.4 61.3
148 64.1 31.9 95.7

Manual Integrations
APPROVED

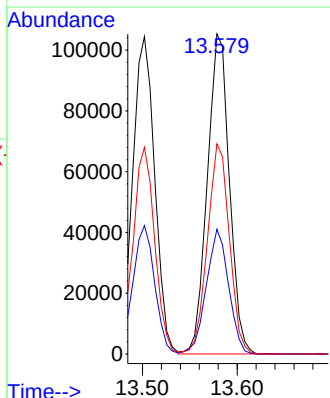
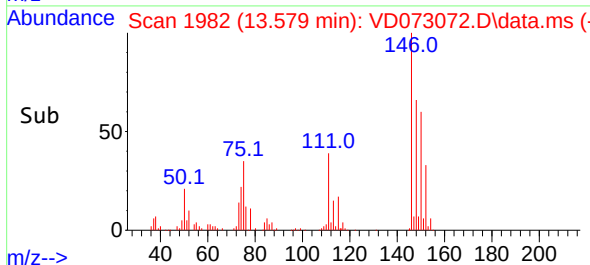
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

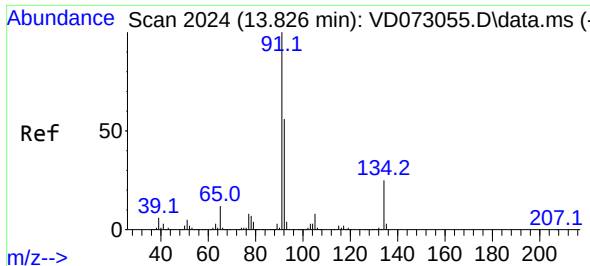


#88
1,4-Dichlorobenzene
Concen: 19.401 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion:146 Resp: 170042
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 65.4 31.7 95.1





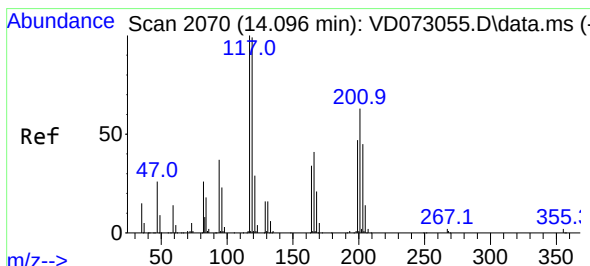
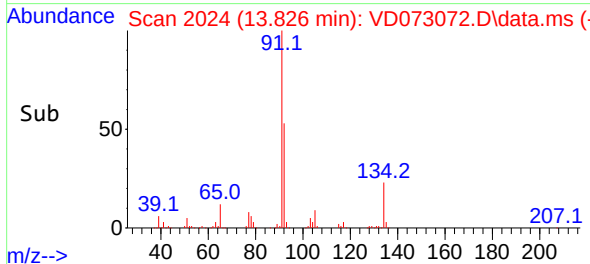
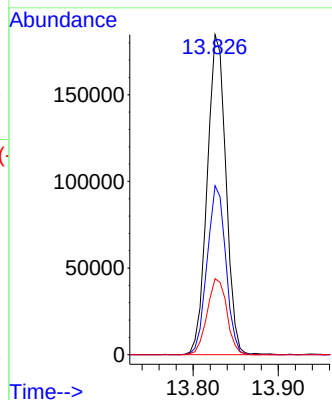
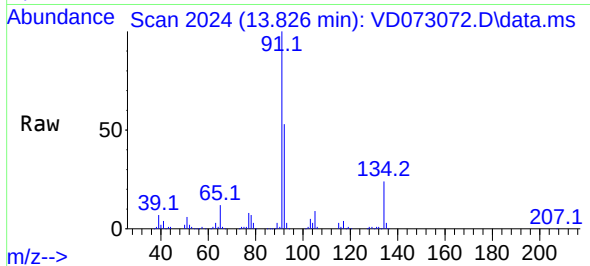
#89
n-Butylbenzene
Concen: 18.041 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 91 Resp: 282704
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 25.0 12.3 36.9

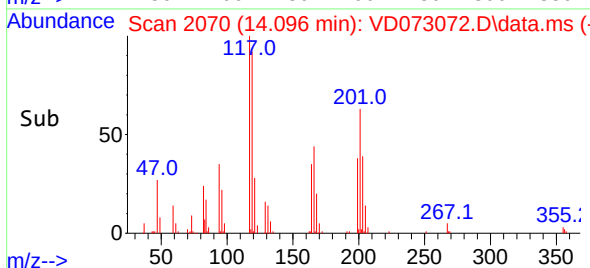
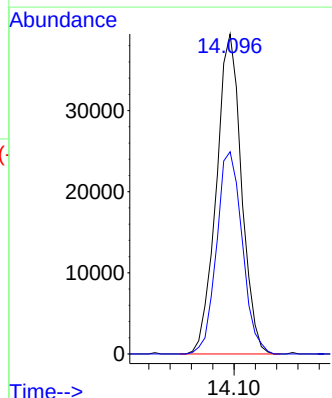
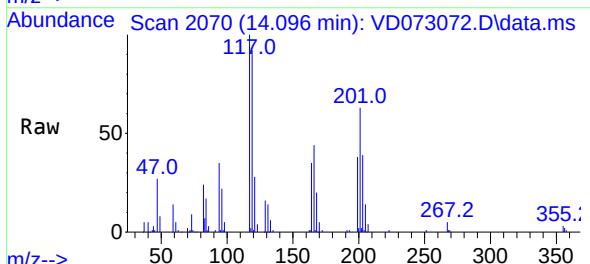
Manual Integrations
APPROVED

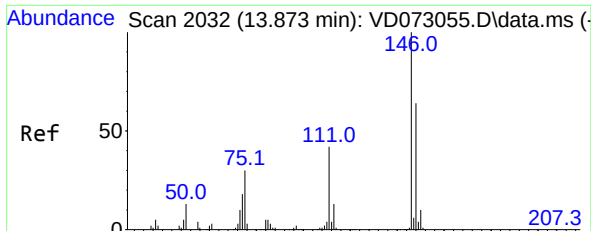
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 19.306 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

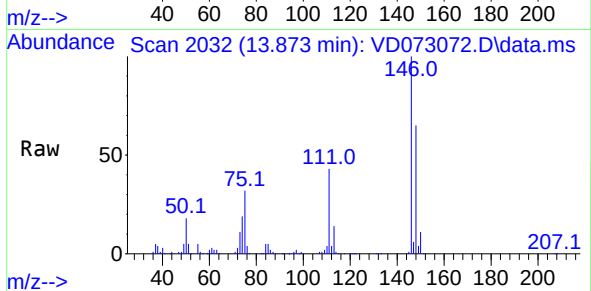
Tgt Ion:117 Resp: 64641
Ion Ratio Lower Upper
117 100
201 64.5 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 19.417 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

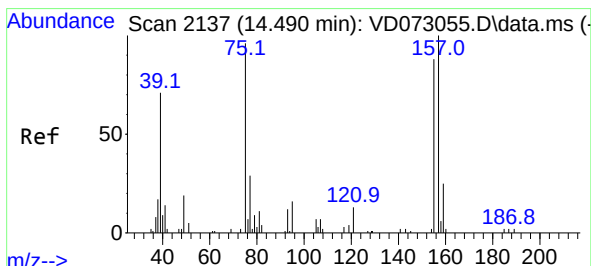
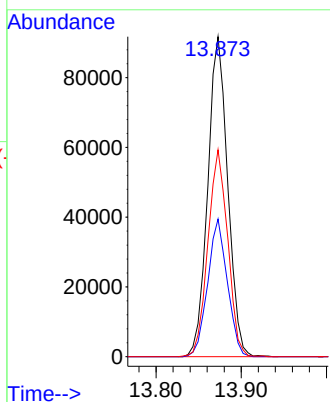
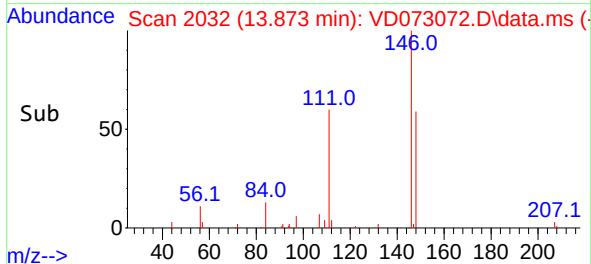
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



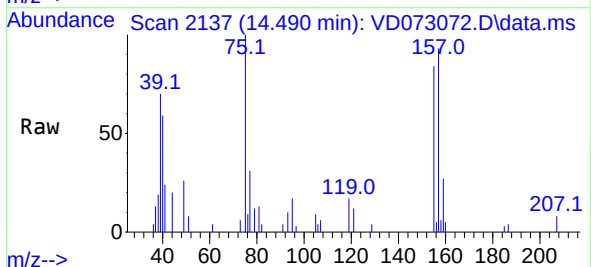
Tgt Ion:146 Resp: 149369
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 64.0 31.7 95.1

Manual Integrations
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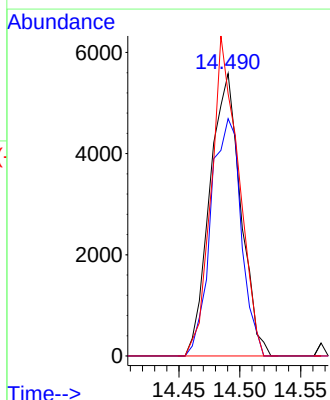
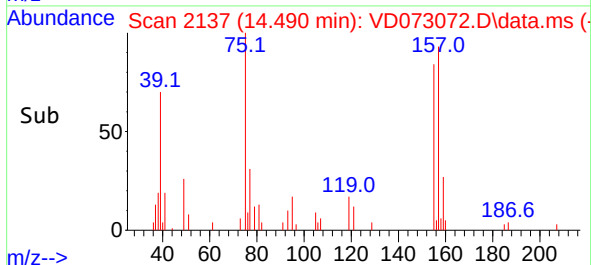
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

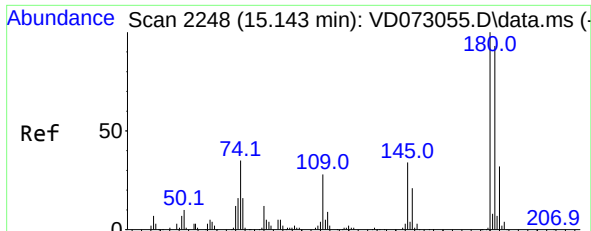


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.769 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



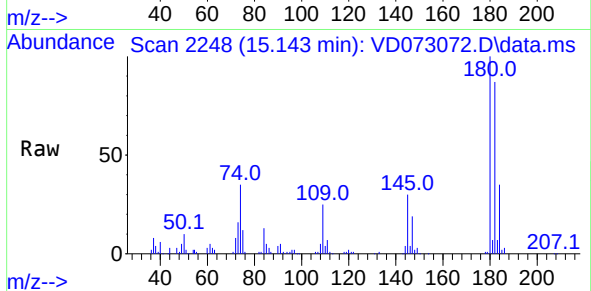
Tgt Ion: 75 Resp: 9848
Ion Ratio Lower Upper
75 100
155 82.6 36.8 110.3
157 100.1 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.852 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

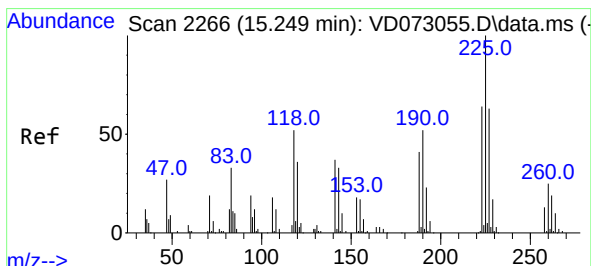
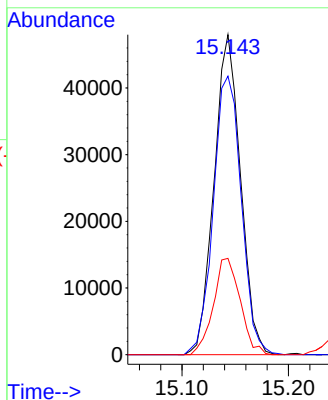
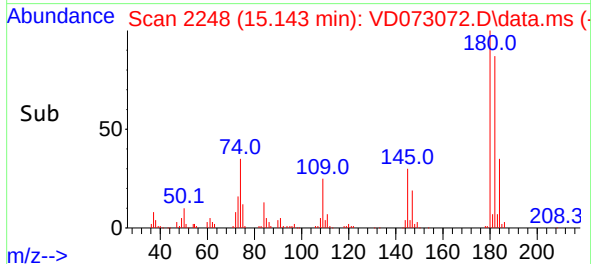
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



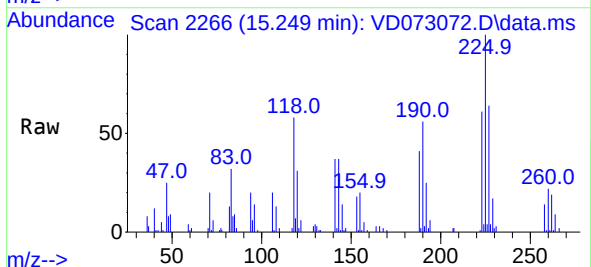
Tgt Ion:180 Resp: 8274
Ion Ratio Lower Upper
180 100
182 92.2 47.3 142.0
145 30.5 16.2 48.5

Manual Integrations
APPROVED

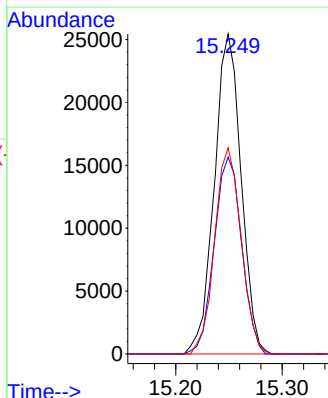
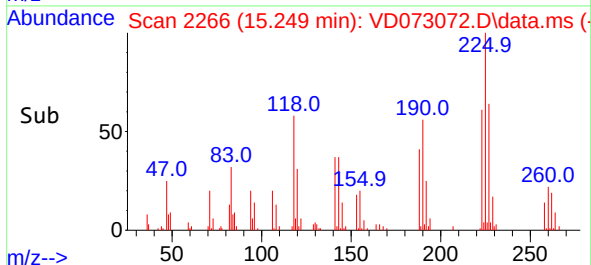
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

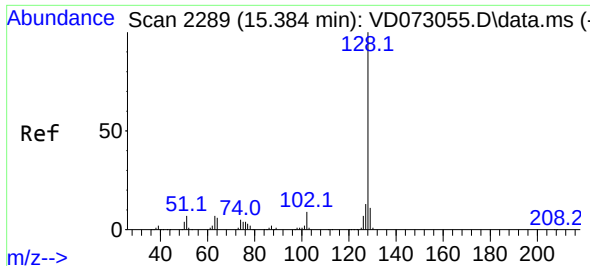


#94
Hexachlorobutadiene
Concen: 18.135 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



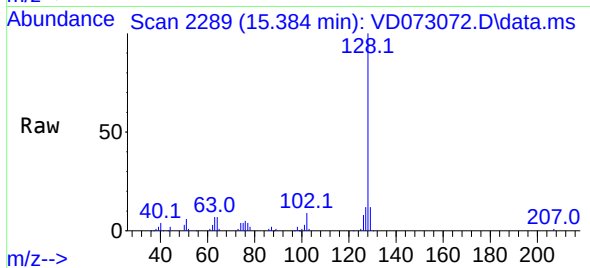
Tgt Ion:225 Resp: 44429
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 63.7 32.4 97.0





#95
Naphthalene
Concen: 18.120 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24

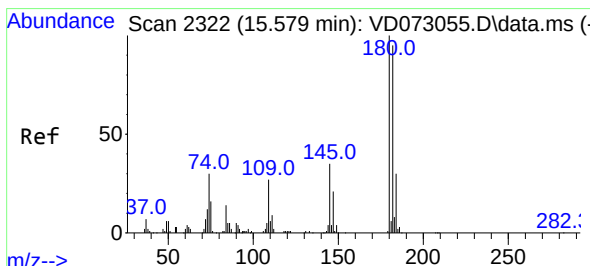
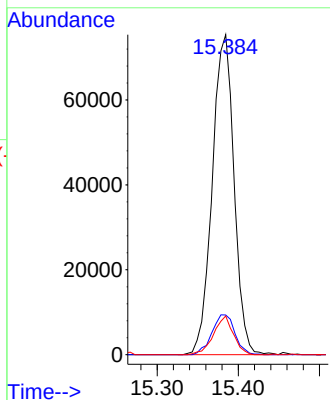
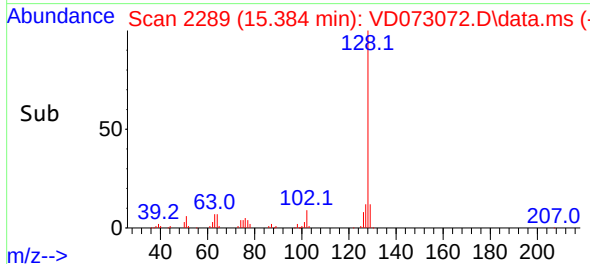
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



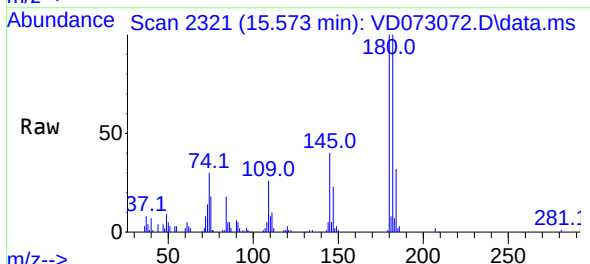
Tgt Ion:128 Resp: 14084
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.280 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073072.D
Acq: 17 May 2022 23:24



Tgt Ion:180 Resp: 71235
Ion Ratio Lower Upper
180 100
182 99.4 47.6 142.9
145 37.4 17.1 51.3

