

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072711.D
 Acq On : 27 Apr 2022 12:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 27 13:59:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 13:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	320539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	578506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	556566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21083	5.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.940%#		
35) Dibromofluoromethane	7.920	113	17090	3.965	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	7.940%#		
50) Toluene-d8	10.331	98	58433	3.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	7.800%#		
62) 4-Bromofluorobenzene	12.625	95	23495	3.998	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	23224	8.676	ug/l	98
3) Chloromethane	2.208	50	26688	10.345	ug/l	93
4) Vinyl Chloride	2.350	62	24020	9.271	ug/l	90
5) Bromomethane	2.767	94	16565	8.805	ug/l	99
6) Chloroethane	2.926	64	15089	8.486	ug/l	97
7) Trichlorofluoromethane	3.279	101	38056	6.978	ug/l	94
8) Diethyl Ether	3.714	74	10690	6.465	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	21028	5.886	ug/l	96
10) Methyl Iodide	4.302	142	19051	6.433	ug/l	99
11) Tert butyl alcohol	5.202	59	16236	74.694	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	19842	6.952	ug/l	95
13) Acrolein	3.920	56	9488	70.827	ug/l	98
14) Allyl chloride	4.726	41	31222	6.726	ug/l	97
15) Acrylonitrile	5.426	53	24251	29.405	ug/l	96
16) Acetone	4.161	43	23082	31.943	ug/l	94
17) Carbon Disulfide	4.408	76	66026	11.450	ug/l #	92
18) Methyl Acetate	4.726	43	12147	5.853	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	44658	5.362	ug/l	98
20) Methylene Chloride	4.967	84	90346	20.120	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	23267	7.243	ug/l	84
22) Diisopropyl ether	6.361	45	65448	5.671	ug/l #	95
23) Vinyl Acetate	6.308	43	178364m	31.429	ug/l	
24) 1,1-Dichloroethane	6.267	63	42304	6.139	ug/l	96
25) 2-Butanone	7.208	43	31624	31.404	ug/l	96
26) 2,2-Dichloropropane	7.202	77	34194	5.665	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	24712	5.769	ug/l	99
28) Bromochloromethane	7.543	49	15560	5.208	ug/l	88
29) Tetrahydrofuran	7.555	42	18245	29.626	ug/l	95
30) Chloroform	7.702	83	43448	5.665	ug/l	92
31) Cyclohexane	7.985	56	40134	7.851	ug/l #	79
32) 1,1,1-Trichloroethane	7.896	97	36250	5.621	ug/l	98
36) 1,1-Dichloropropene	8.108	75	32635	6.333	ug/l	98
37) Ethyl Acetate	7.290	43	14349	5.957	ug/l #	95
38) Carbon Tetrachloride	8.090	117	34139	5.760	ug/l	98
39) Methylcyclohexane	9.355	83	35080	6.213	ug/l	98
40) Benzene	8.343	78	95495	6.237	ug/l	97

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

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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)
41) Methacrylonitrile	7.526	41	8327	6.213	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	29500	6.223	ug/l	98
43) Isopropyl Acetate	8.449	43	25385	5.527	ug/l #	93
44) Trichloroethene	9.108	130	24798	5.786	ug/l	100
45) 1,2-Dichloropropane	9.379	63	24213	5.671	ug/l	99
46) Dibromomethane	9.473	93	13542	5.985	ug/l	96
47) Bromodichloromethane	9.655	83	34318	5.348	ug/l	90
48) Methyl methacrylate	9.449	41	11328	5.013	ug/l #	78
49) 1,4-Dioxane	9.449	88	3191	118.047	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	64736	26.403	ug/l	94
52) Toluene	10.396	92	56383	5.586	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	29645	5.296	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	35186	5.314	ug/l	93
55) 1,1,2-Trichloroethane	10.790	97	19167	5.678	ug/l	95
56) Ethyl methacrylate	10.655	69	17353	4.527	ug/l	96
57) 1,3-Dichloropropane	10.937	76	29678	5.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	38208	21.787	ug/l	91
59) 2-Hexanone	10.979	43	41156	24.690	ug/l	98
60) Dibromochloromethane	11.126	129	22698	5.238	ug/l	96
61) 1,2-Dibromoethane	11.243	107	16651	5.473	ug/l	96
64) Tetrachloroethene	10.867	164	19691	5.606	ug/l	94
65) Chlorobenzene	11.661	112	61621	5.145	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.737	131	22479	4.716	ug/l	97
67) Ethyl Benzene	11.737	91	99647	4.778	ug/l	99
68) m/p-Xylenes	11.849	106	74457	9.389	ug/l	97
69) o-Xylene	12.167	106	35372	4.620	ug/l	99
70) Styrene	12.184	104	57264	4.262	ug/l	97
71) Bromoform	12.349	173	12756	5.010	ug/l #	97
73) Isopropylbenzene	12.473	105	89660	4.469	ug/l	99
74) N-amyl acetate	12.278	43	22253	5.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	20270	5.166	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	10311m	3.638	ug/l	
77) Bromobenzene	12.749	156	22252	4.871	ug/l	97
78) n-propylbenzene	12.808	91	111794	4.590	ug/l	100
79) 2-Chlorotoluene	12.896	91	68216	4.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	73933	4.285	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	5842	5.120	ug/l	96
82) 4-Chlorotoluene	12.990	91	73781	4.938	ug/l	100
83) tert-Butylbenzene	13.208	119	62349	4.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	75115	4.433	ug/l	100
85) sec-Butylbenzene	13.390	105	98450	4.421	ug/l	99
86) p-Isopropyltoluene	13.502	119	76232	4.173	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	46708	4.959	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	47069	4.960	ug/l	93
89) n-Butylbenzene	13.831	91	74514	4.278	ug/l	99
90) Hexachloroethane	14.096	117	17347	4.623	ug/l	91
91) 1,2-Dichlorobenzene	13.872	146	40299	4.862	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	3364	5.758	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	21410	4.198	ug/l	96
94) Hexachlorobutadiene	15.249	225	12856	4.545	ug/l	98
95) Naphthalene	15.378	128	37987	3.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	19735	4.424	ug/l	99

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Apr 27 13:58:15 2022
Response via : Initial Calibration

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

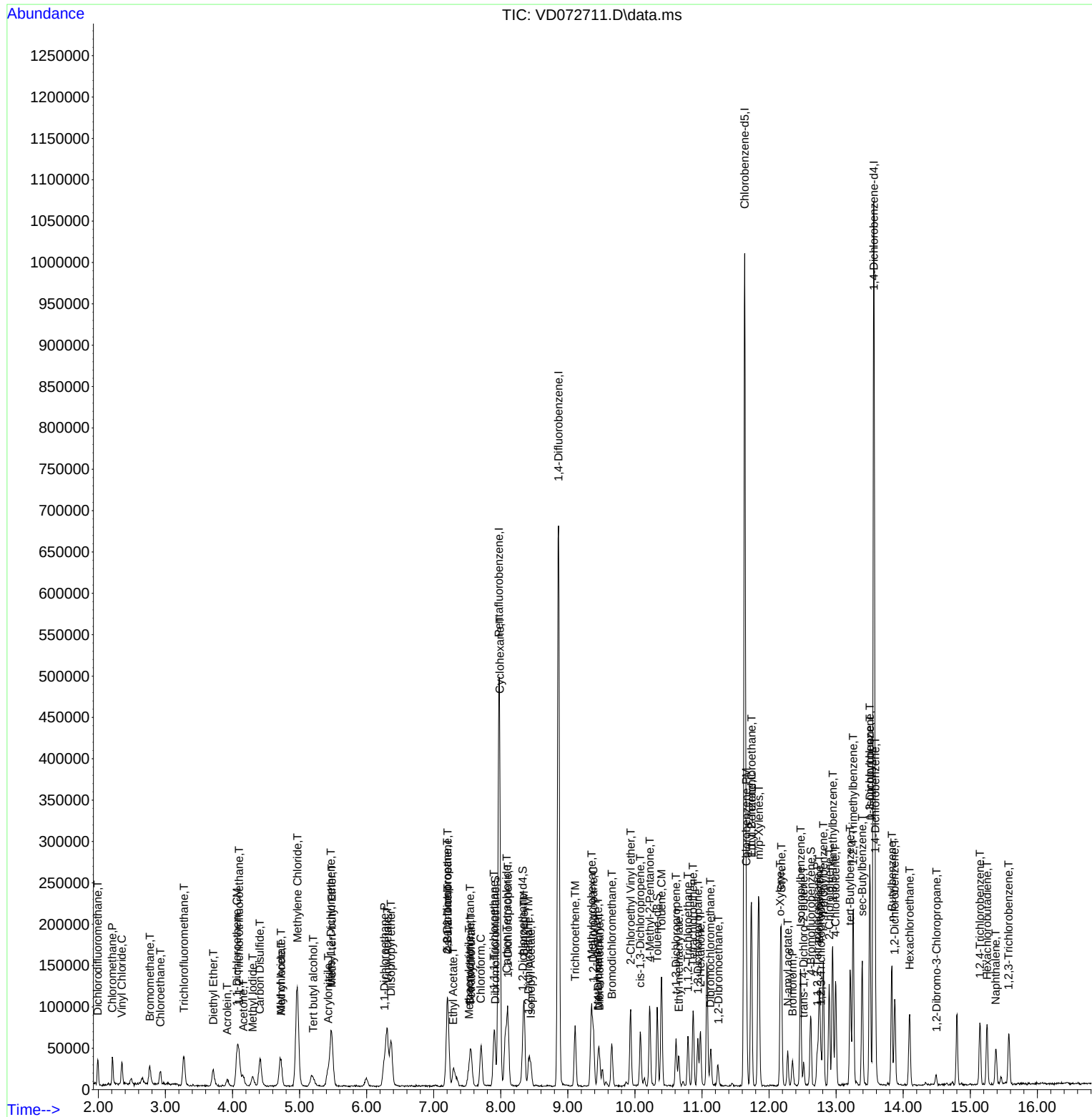
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Data File : VD072711.D
Acq On : 27 Apr 2022 12:04
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

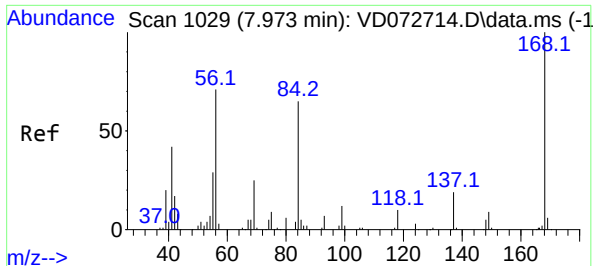
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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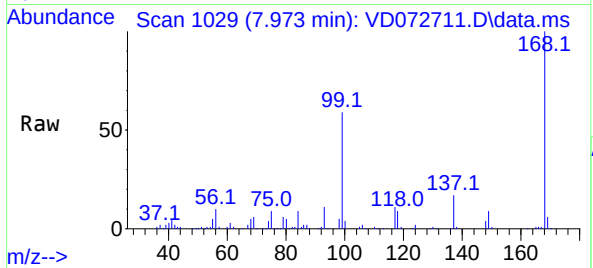
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



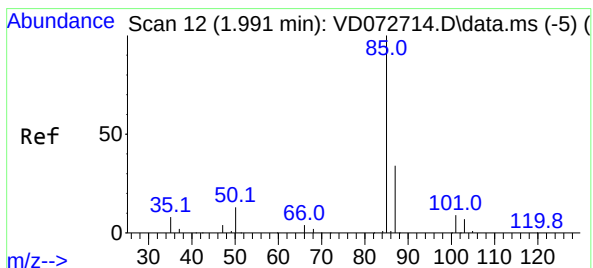
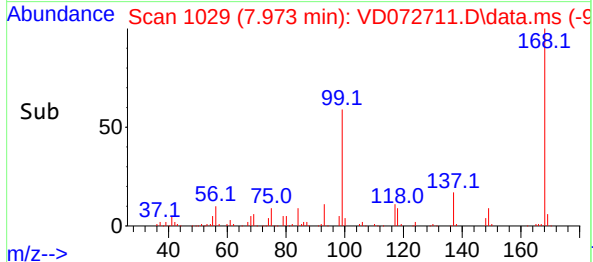
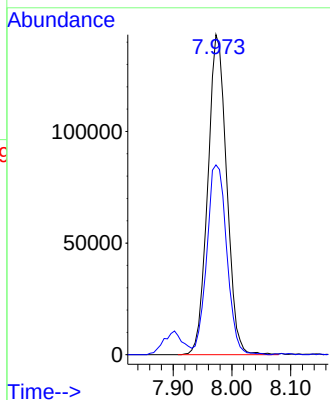
Tgt Ion:168 Resp: 320539
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6

Manual Integrations

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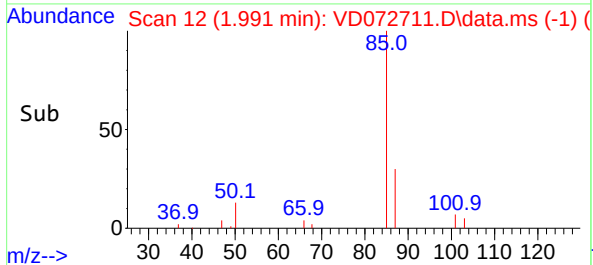
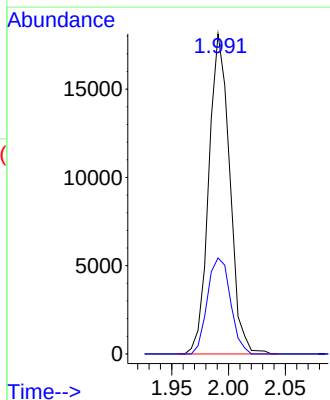
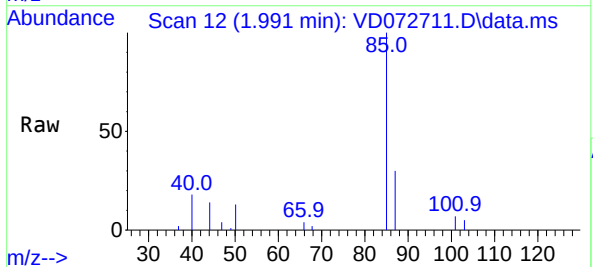
Reviewed By :John Carlone 04/28/2022

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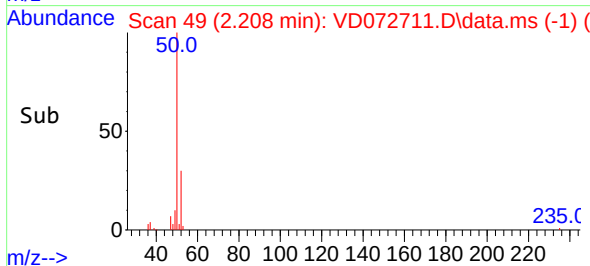
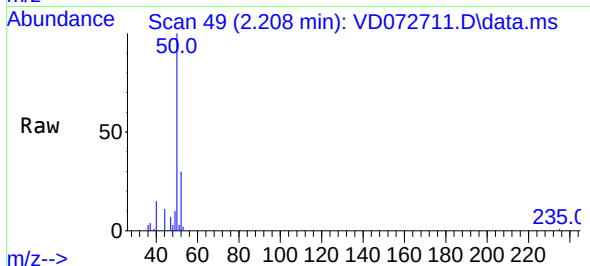
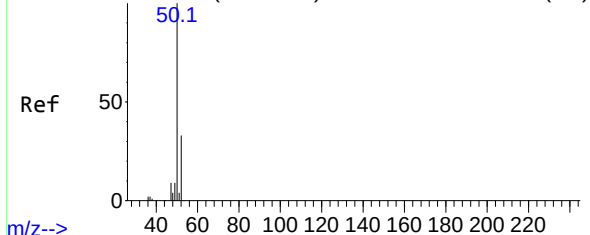


#2
Dichlorodifluoromethane
Concen: 8.676 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 85 Resp: 23224
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0



Abundance Scan 49 (2.209 min): VD072714.D\data.ms (-43)



#3
Chloromethane
Concen: 10.345 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 50 Resp: 2668
Ion Ratio Lower Upper
50 100
52 30.2 27.4 41.0

Instrument :

MSVOA_D

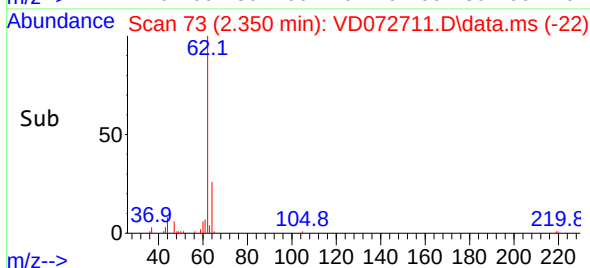
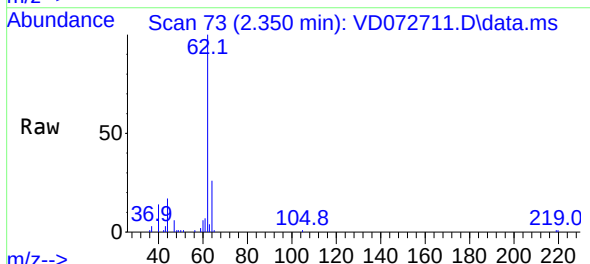
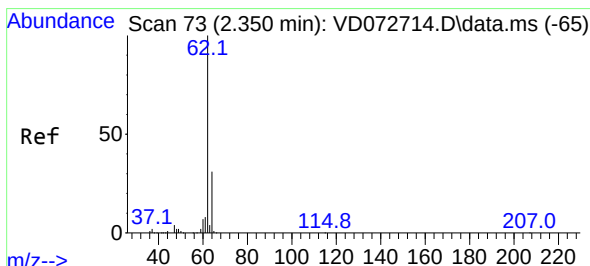
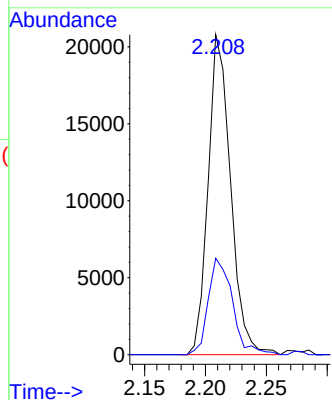
ClientSampleId :

VSTDICC005

Manual Integrations

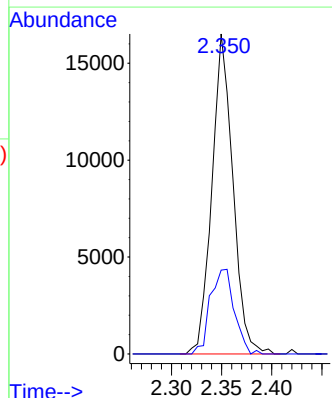
APPROVED

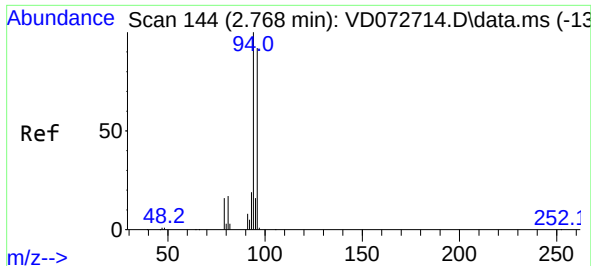
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#4
Vinyl Chloride
Concen: 9.271 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

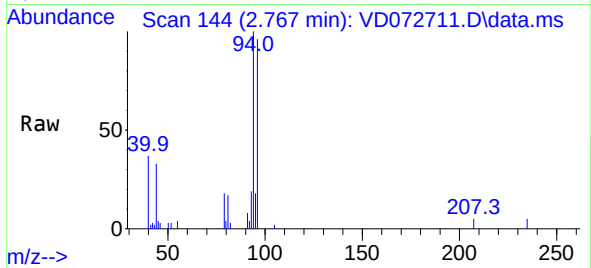
Tgt Ion: 62 Resp: 24020
Ion Ratio Lower Upper
62 100
64 26.2 25.4 38.0





#5
Bromomethane
Concen: 8.805 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

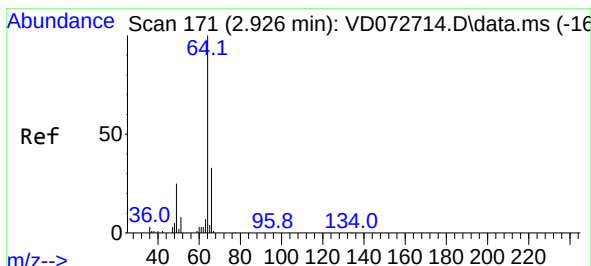
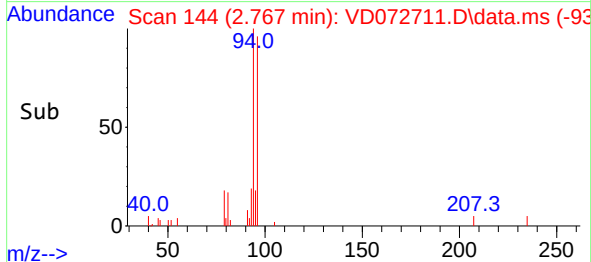
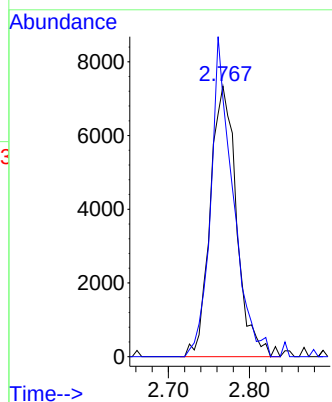
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 1656
Ion Ratio Lower Upper
94 100
96 95.5 77.6 116.4

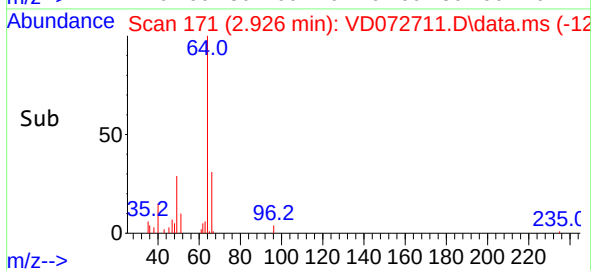
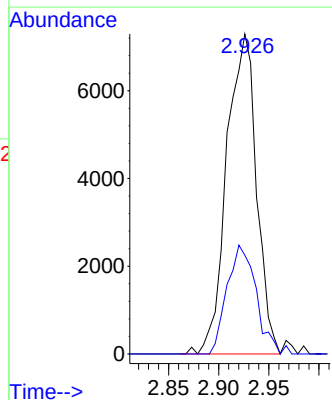
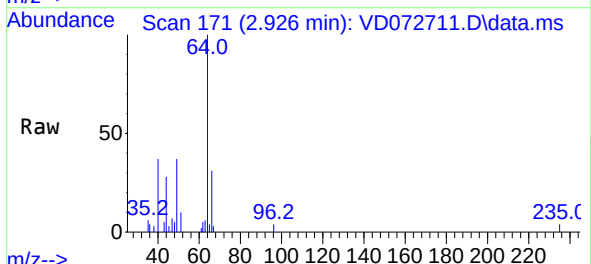
Manual Integrations
APPROVED

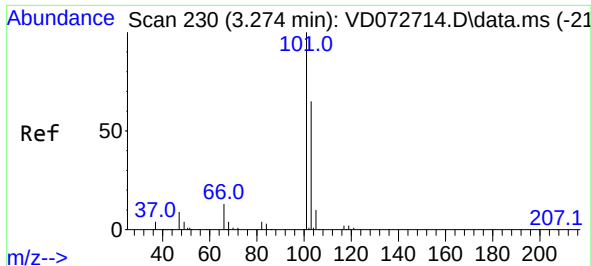
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#6
Chloroethane
Concen: 8.486 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 64 Resp: 15089
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9





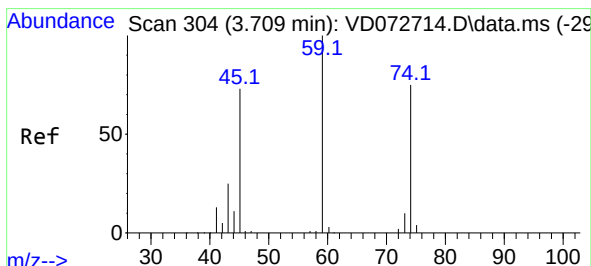
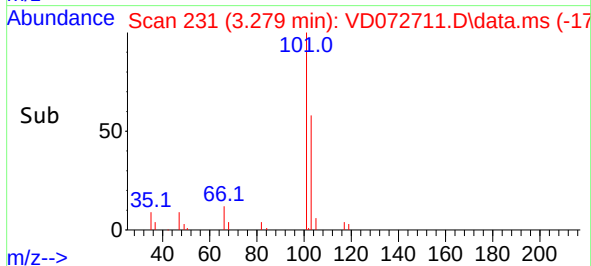
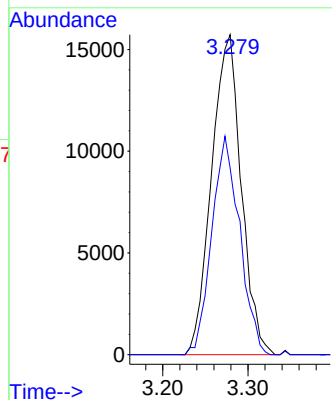
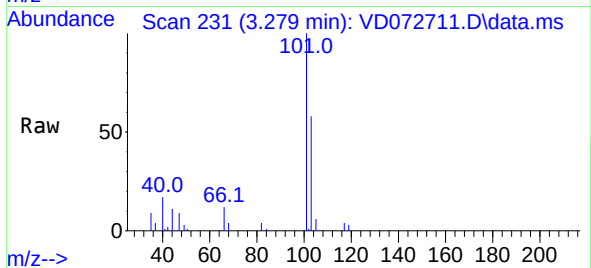
#7
Trichlorofluoromethane
Concen: 6.978 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3805
Ion Ratio Lower Upper
101 100
103 58.3 50.1 75.1

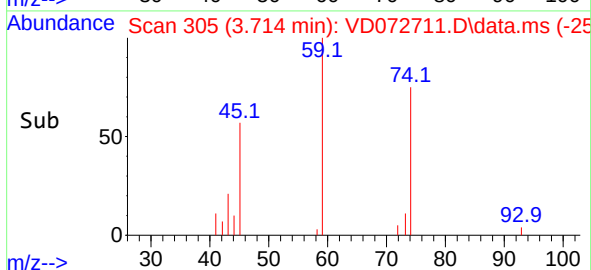
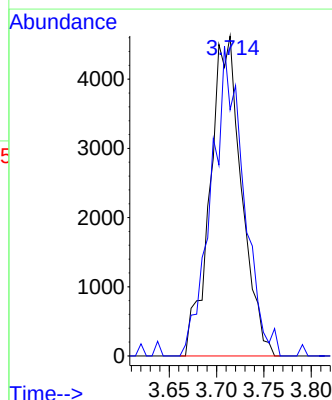
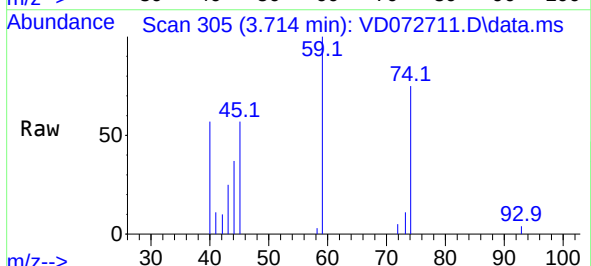
Manual Integrations
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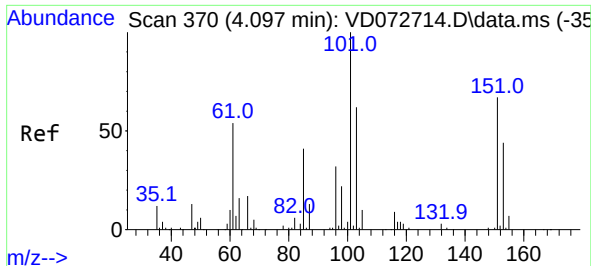
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#8
Diethyl Ether
Concen: 6.465 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 74 Resp: 10690
Ion Ratio Lower Upper
74 100
45 99.6 52.6 157.8





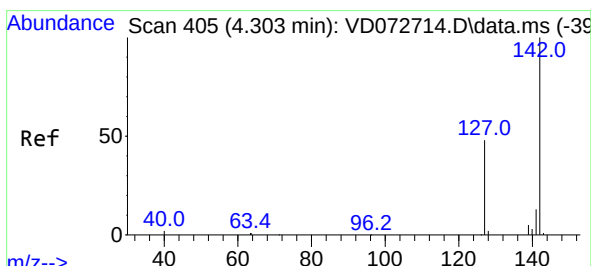
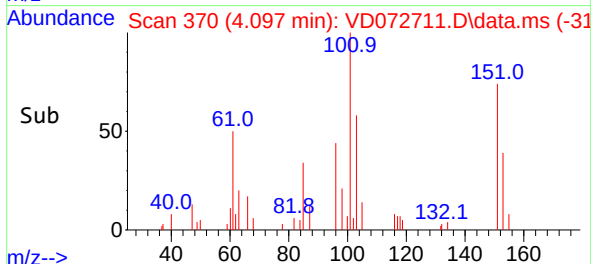
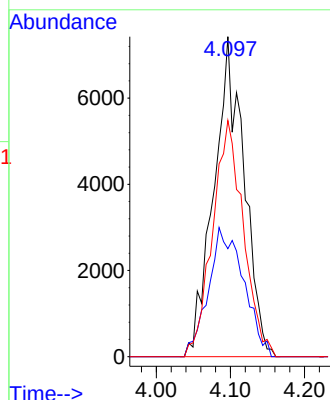
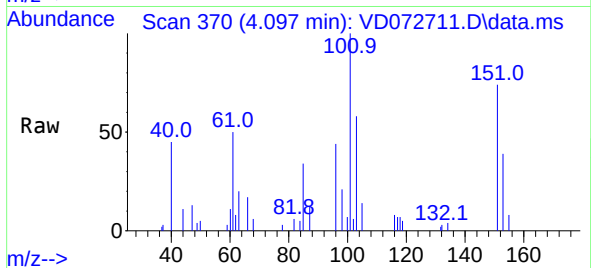
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.886 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 21028
Ion Ratio Lower Upper
101 100
85 46.9 36.4 54.6
151 75.3 57.3 85.9

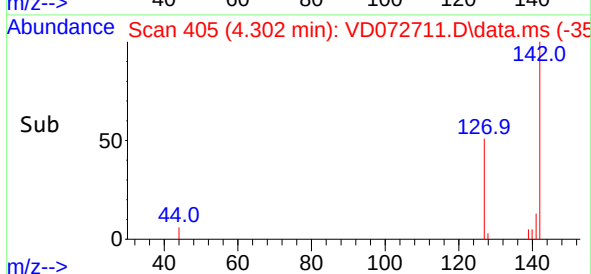
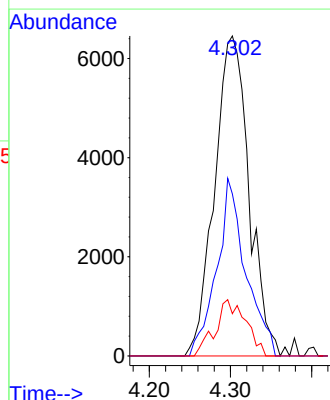
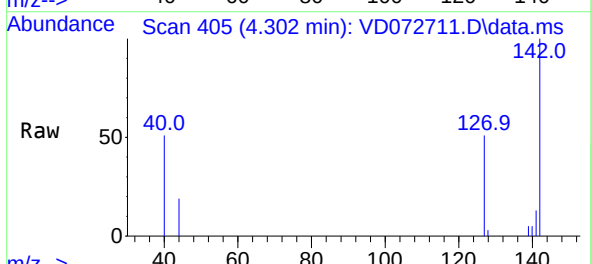
Manual Integrations
APPROVED

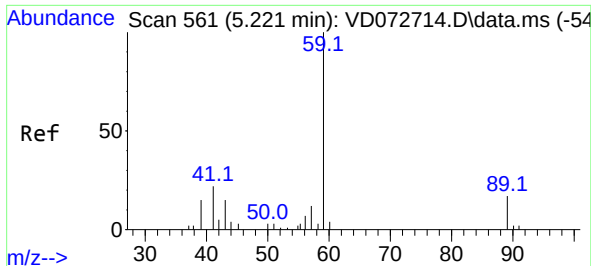
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#10
Methyl Iodide
Concen: 6.433 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

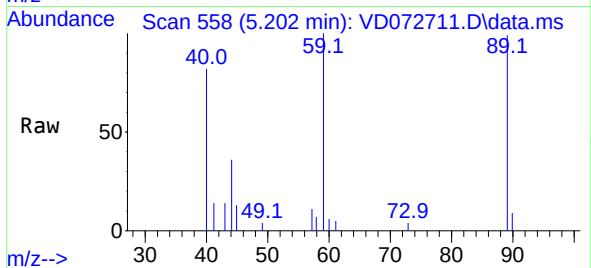
Tgt Ion:142 Resp: 19051
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 15.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 74.694 ug/l
RT: 5.202 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

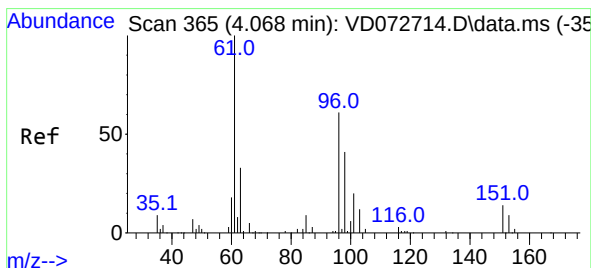
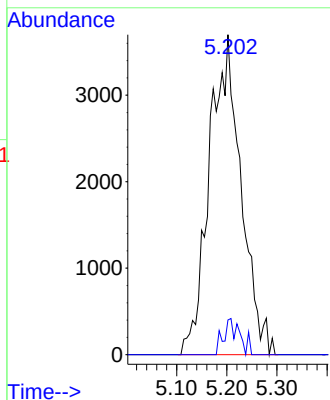
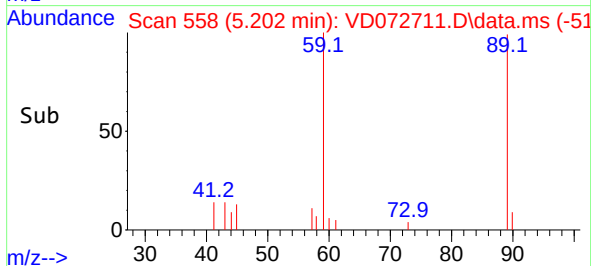
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



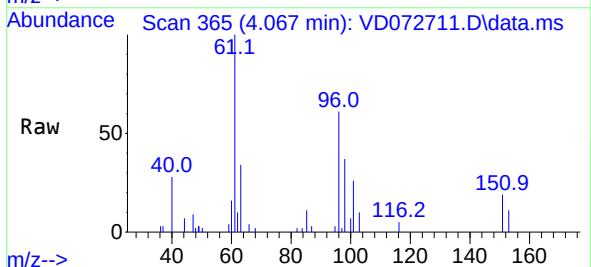
Tgt Ion: 59 Resp: 16230
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.6

Manual Integrations
APPROVED

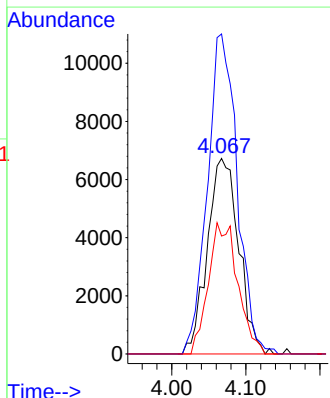
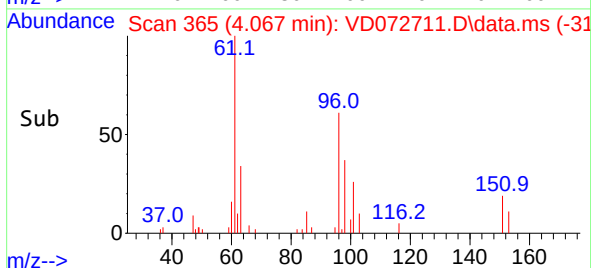
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

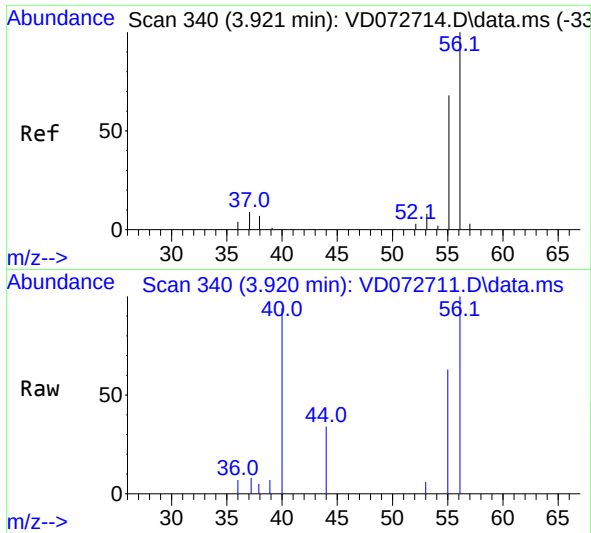


#12
1,1-Dichloroethene
Concen: 6.952 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion: 96 Resp: 19842
Ion Ratio Lower Upper
96 100
61 163.7 138.5 207.7
98 60.3 48.6 73.0





#13

Acrolein

Concen: 70.827 ug/l

RT: 3.920 min Scan# 340

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 948

Ion Ratio Lower Upper

56 100

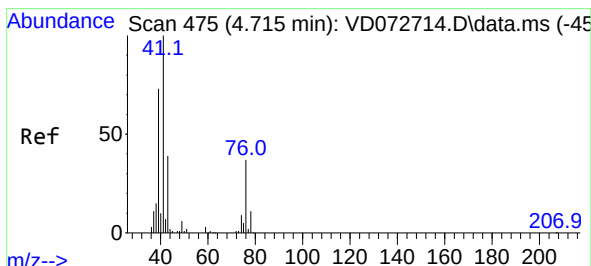
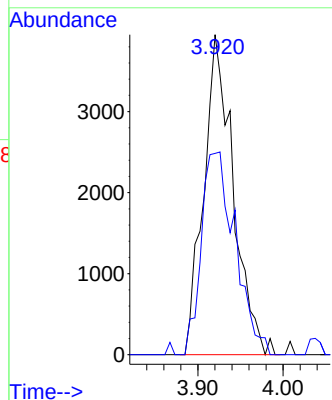
55 72.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#14

Allyl chloride

Concen: 6.726 ug/l

RT: 4.726 min Scan# 477

Delta R.T. 0.011 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

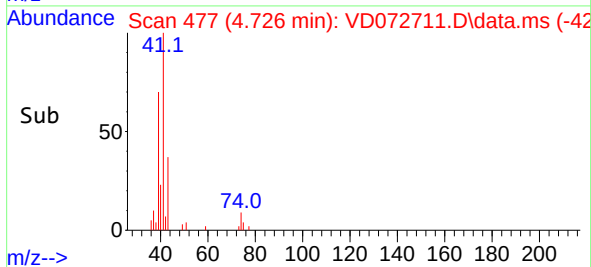
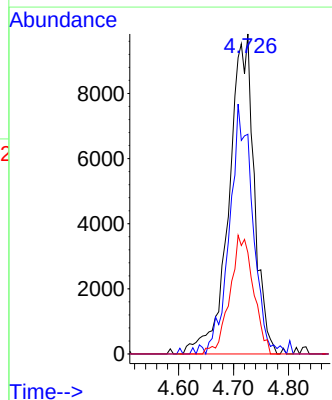
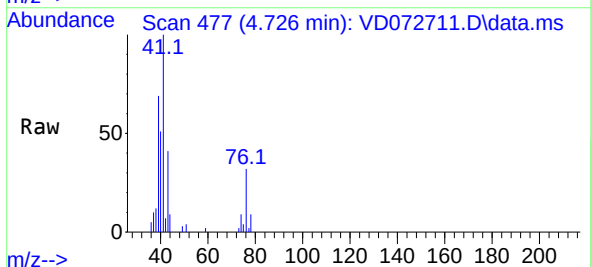
Tgt Ion: 41 Resp: 31222

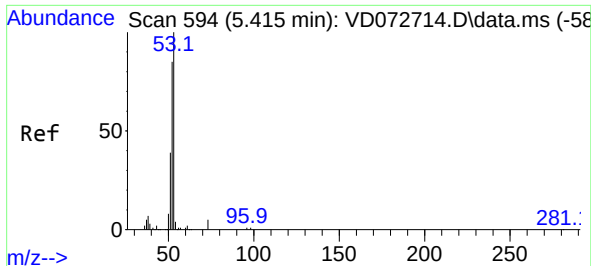
Ion Ratio Lower Upper

41 100

39 72.2 59.3 88.9

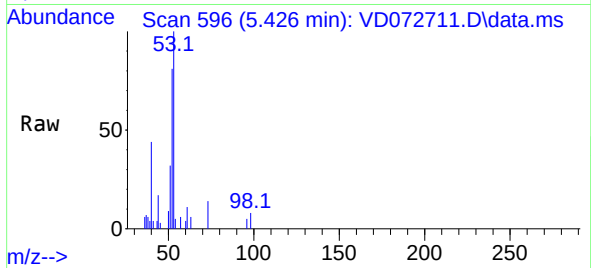
76 34.6 25.7 38.5





#15
Acrylonitrile
Concen: 29.405 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.011 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

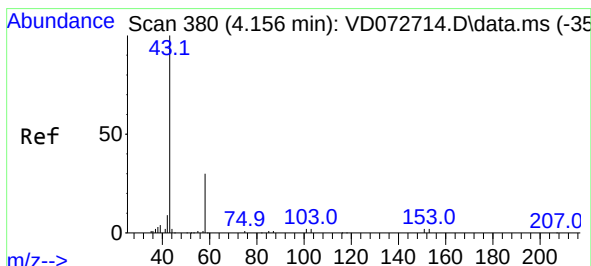
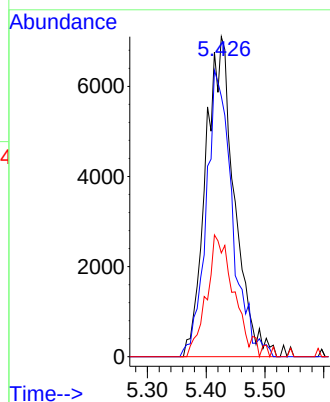
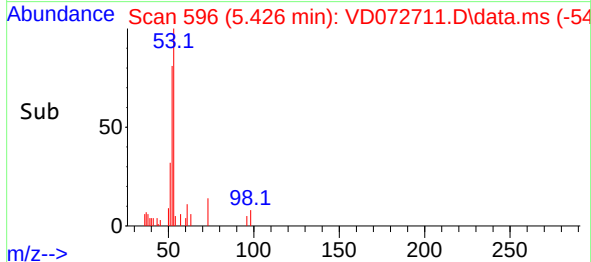
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



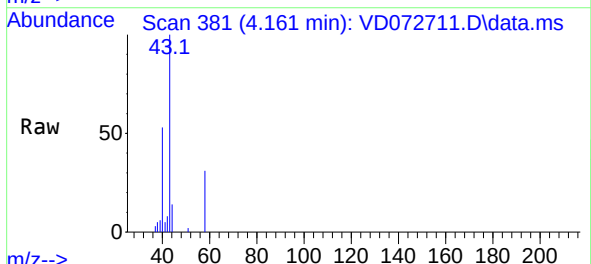
Tgt Ion: 53 Resp: 2425
Ion Ratio Lower Upper
53 100
52 79.5 67.2 100.8
51 35.9 30.3 45.5

Manual Integrations
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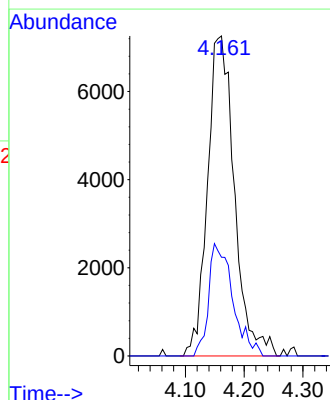
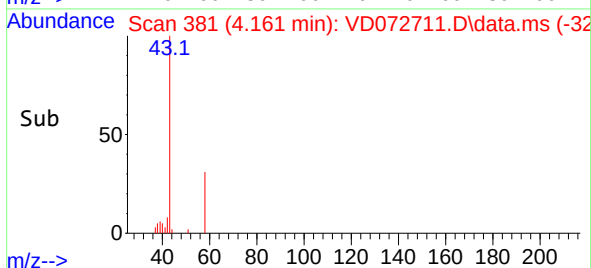
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

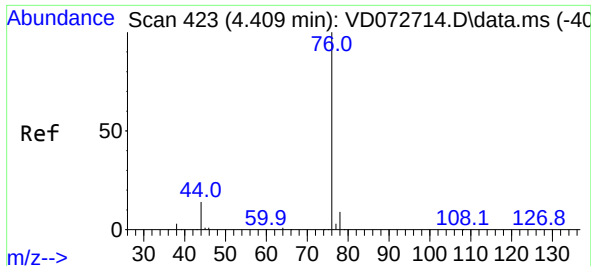


#16
Acetone
Concen: 31.943 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



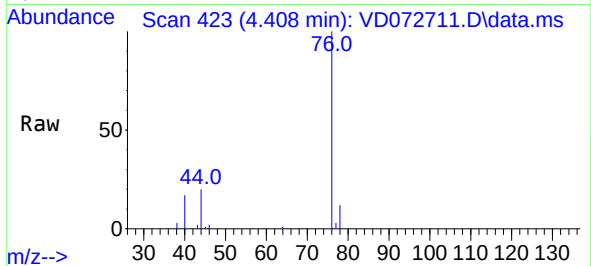
Tgt Ion: 43 Resp: 23082
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#17
Carbon Disulfide
Concen: 11.450 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

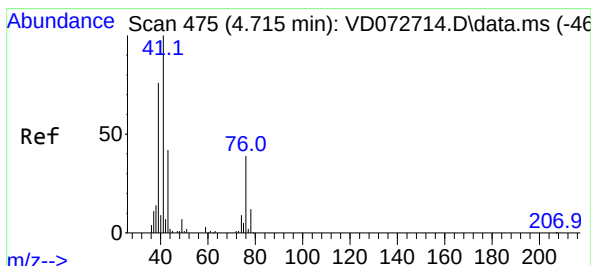
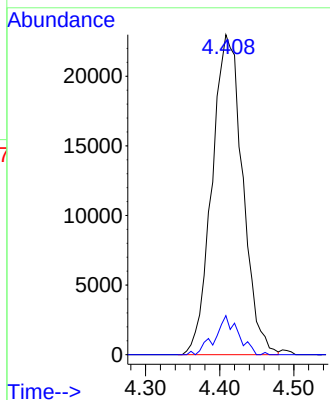
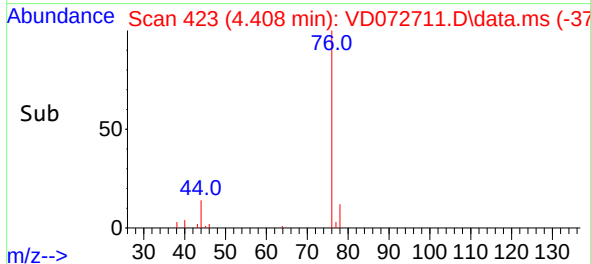
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



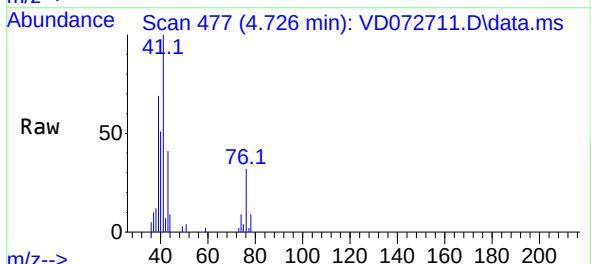
Tgt Ion: 76 Resp: 66020
Ion Ratio Lower Upper
76 100
78 12.2 7.5 11.3

Manual Integrations
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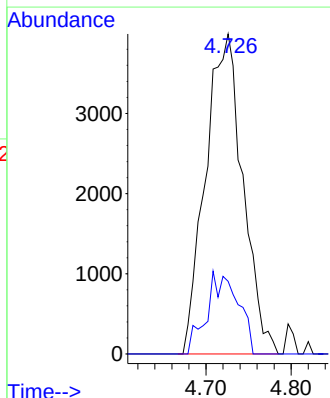
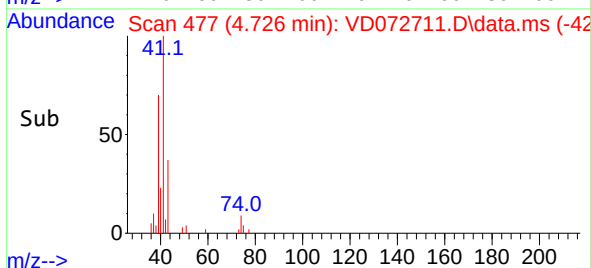
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

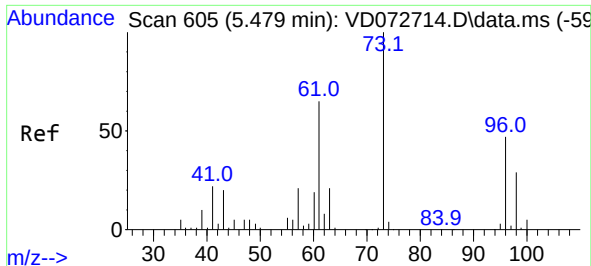


#18
Methyl Acetate
Concen: 5.853 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion: 43 Resp: 12147
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





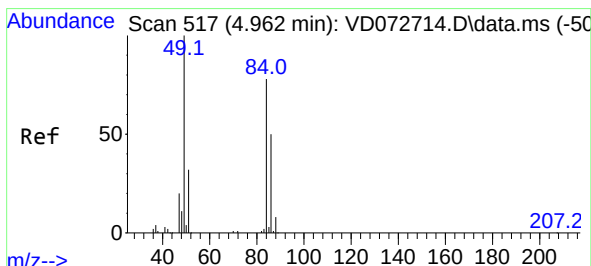
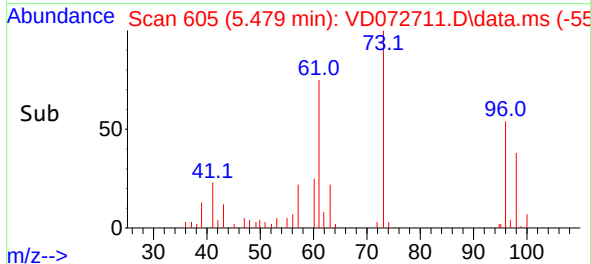
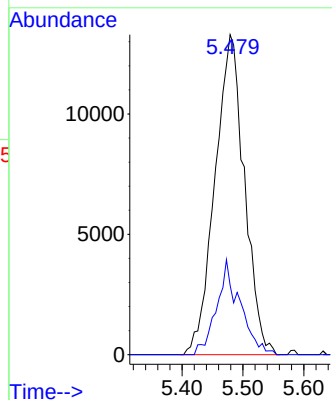
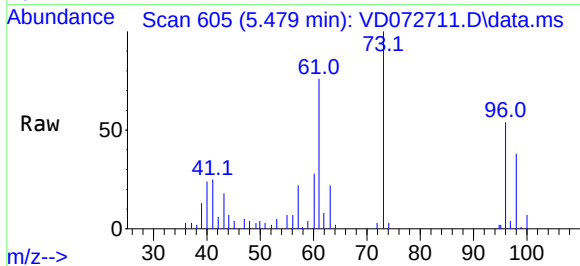
#19
Methyl tert-butyl Ether
Concen: 5.362 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 44658
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

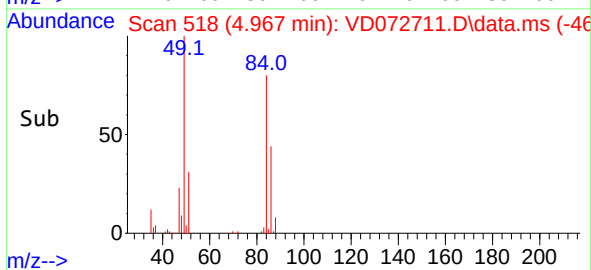
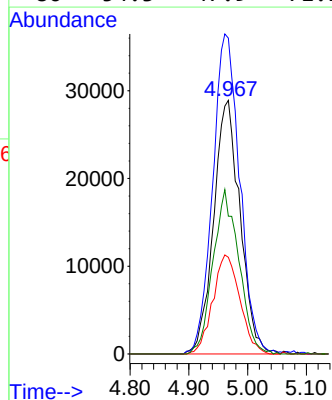
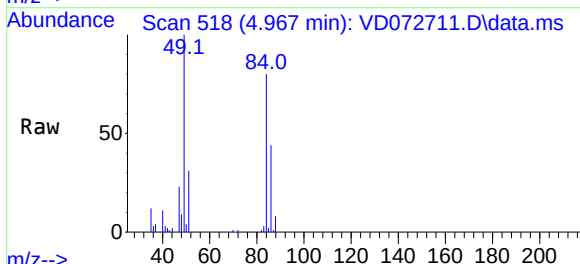
Manual Integrations
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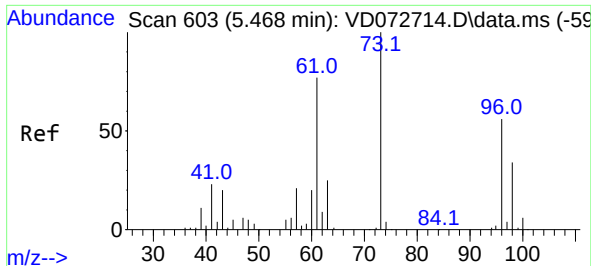
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#20
Methylene Chloride
Concen: 20.120 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 84 Resp: 90346
Ion Ratio Lower Upper
84 100
49 124.6 112.8 169.2
51 38.1 32.6 48.8
86 54.3 47.9 71.9





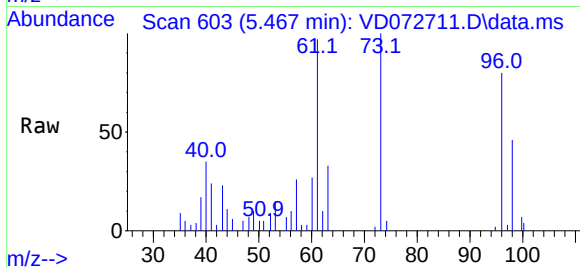
#21
trans-1,2-Dichloroethene
Concen: 7.243 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

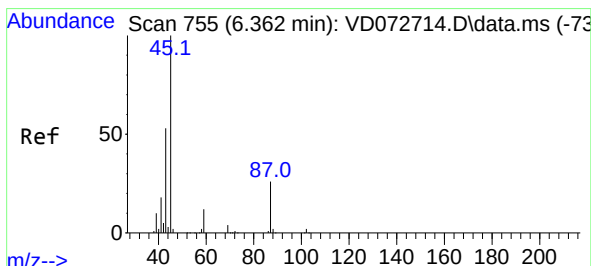
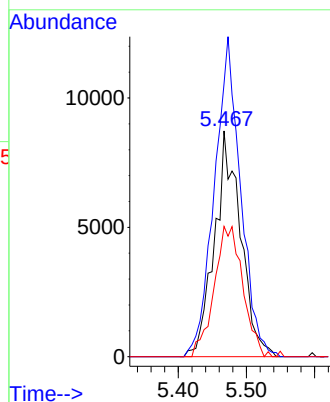
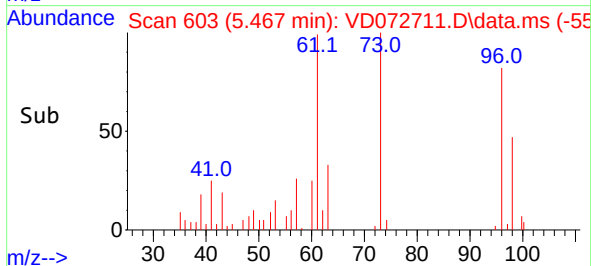


Tgt Ion: 96 Resp: 2326
Ion Ratio Lower Upper
96 100
61 120.9 117.9 176.9
98 57.7 49.4 74.2

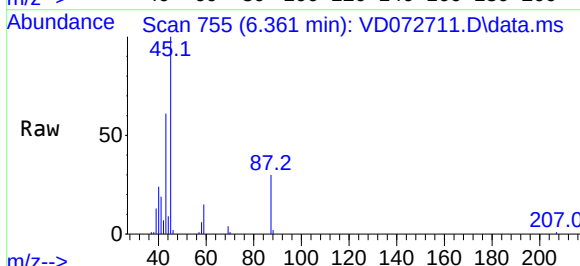
Manual Integrations

APPROVED

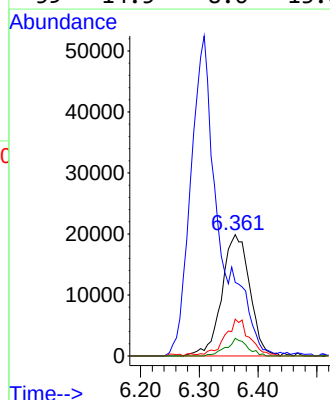
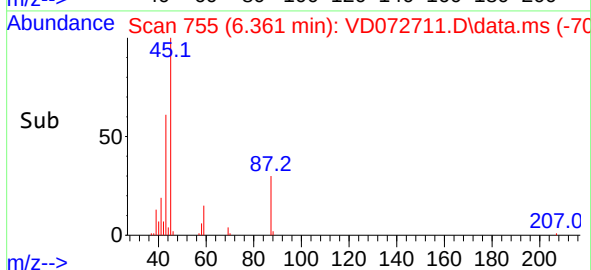
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

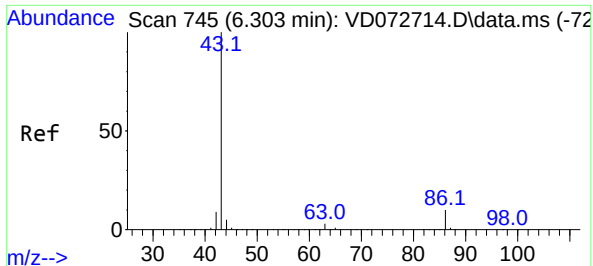


#22
Diisopropyl ether
Concen: 5.671 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion: 45 Resp: 65448
Ion Ratio Lower Upper
45 100
43 57.6 46.6 70.0
87 30.3 18.4 27.6#
59 14.5 8.6 13.0#





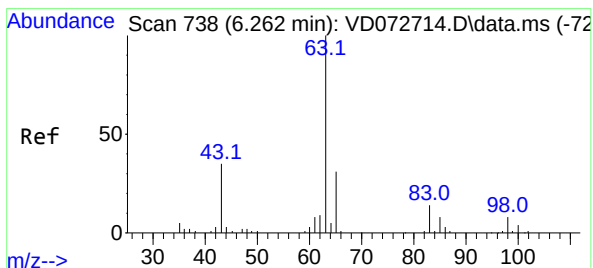
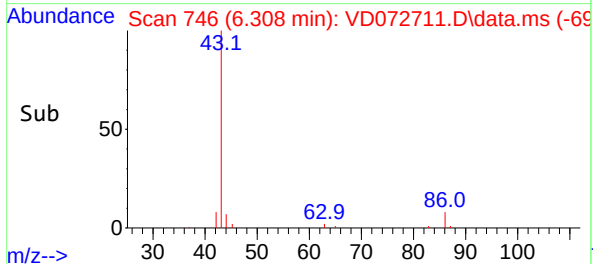
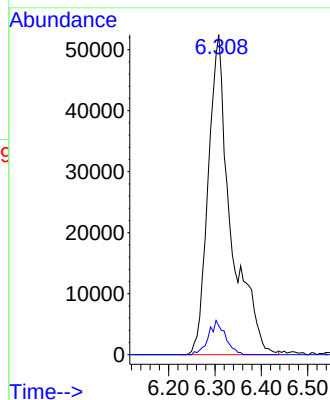
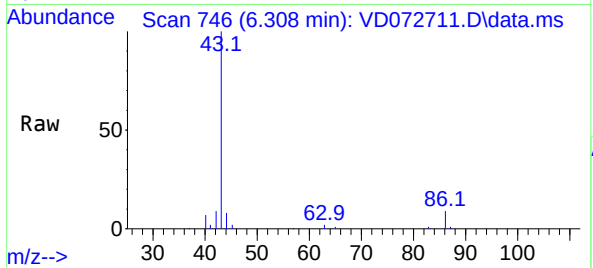
#23
 Vinyl Acetate
 Concen: 31.429 ug/l m
 RT: 6.308 min Scan# 745
 Delta R.T. 0.005 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 178364
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7

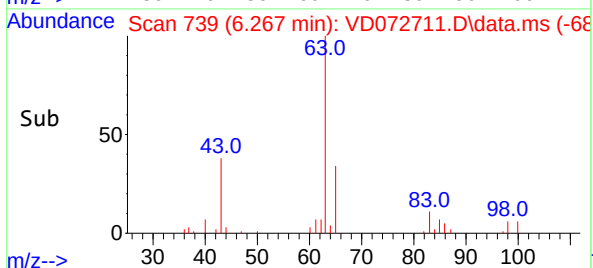
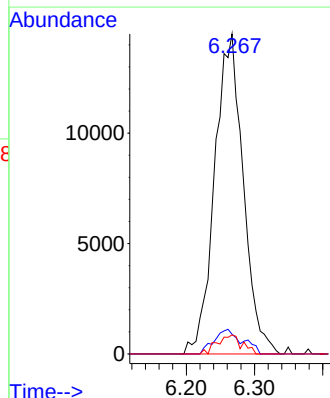
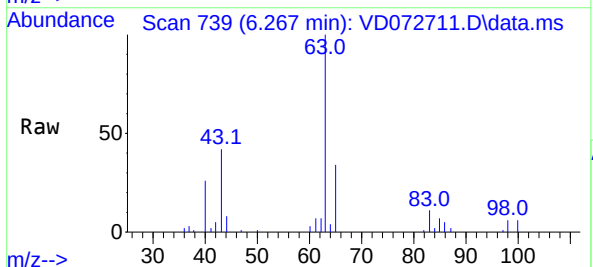
Manual Integrations
 APPROVED

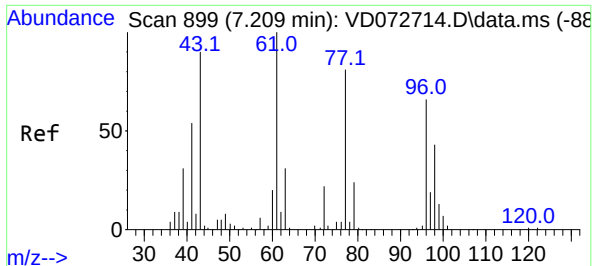
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#24
 1,1-Dichloroethane
 Concen: 6.139 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04

Tgt Ion: 63 Resp: 42304
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 5.9 2.1 6.5





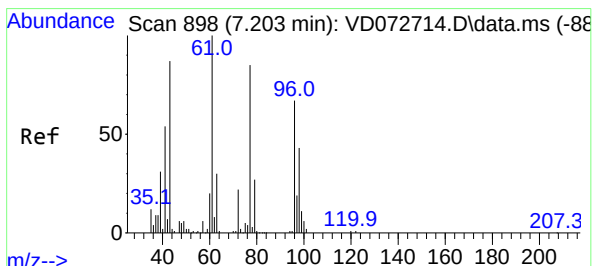
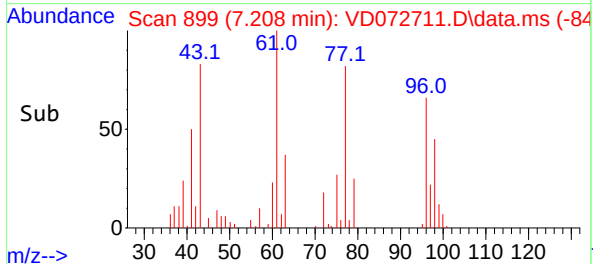
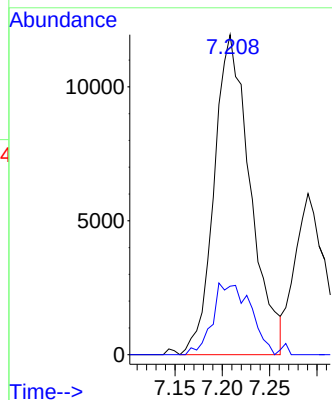
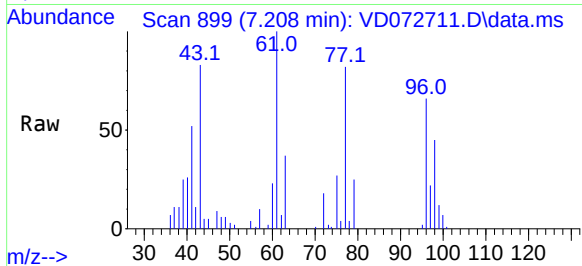
#25
2-Butanone
Concen: 31.404 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 31624
Ion Ratio Lower Upper
43 100
72 21.4 18.6 27.8

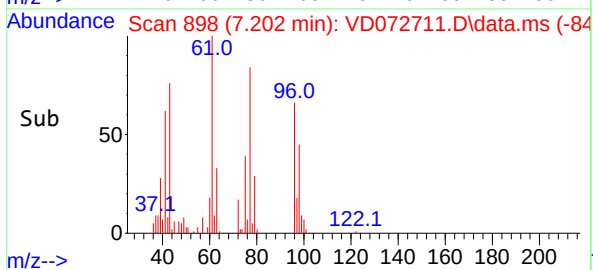
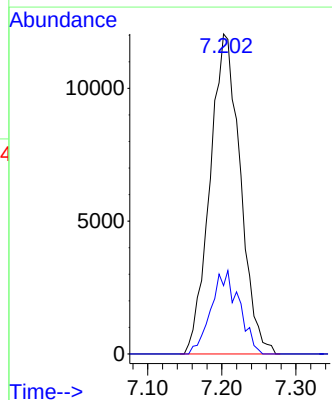
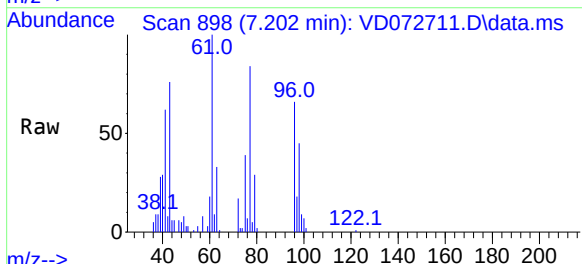
Manual Integrations
APPROVED

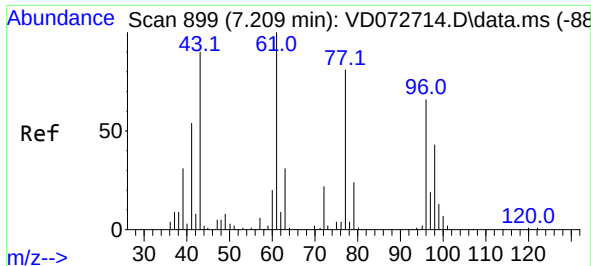
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#26
2,2-Dichloropropane
Concen: 5.665 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 77 Resp: 34194
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4





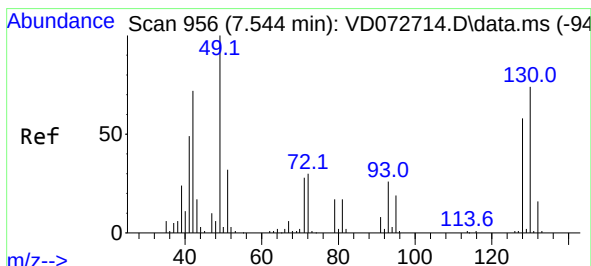
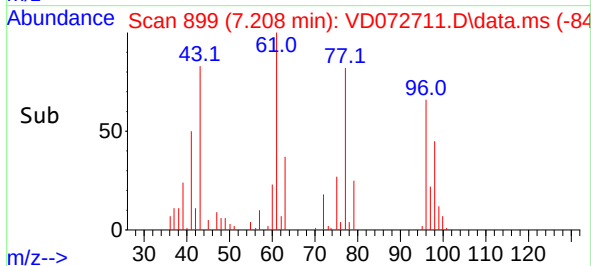
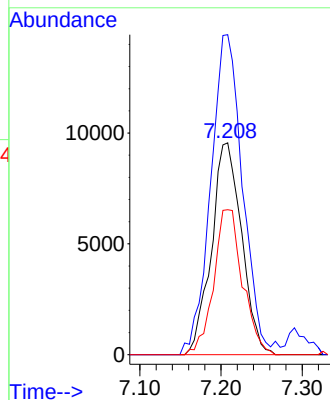
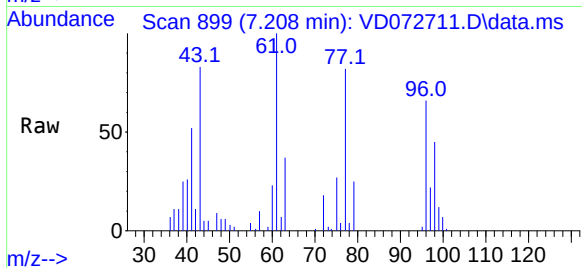
#27
cis-1,2-Dichloroethene
Concen: 5.769 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 24712
Ion Ratio Lower Upper
96 100
61 158.8 0.0 313.8
98 65.7 0.0 128.8

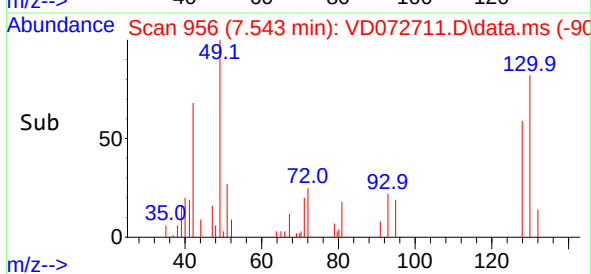
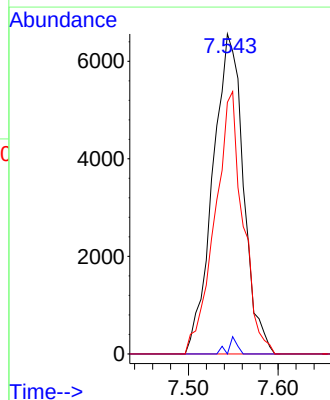
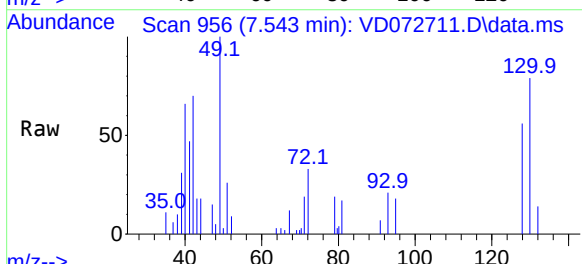
Manual Integrations
APPROVED

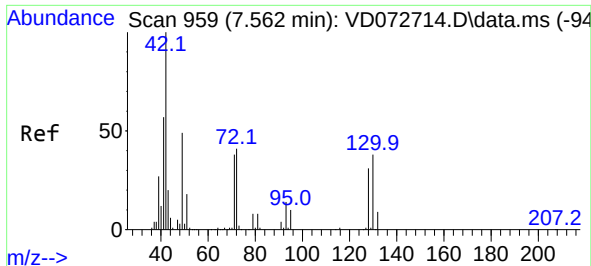
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#28
Bromochloromethane
Concen: 5.208 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 49 Resp: 15560
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 75.2 52.6 79.0





#29

Tetrahydrofuran

Concen: 29.626 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 1824

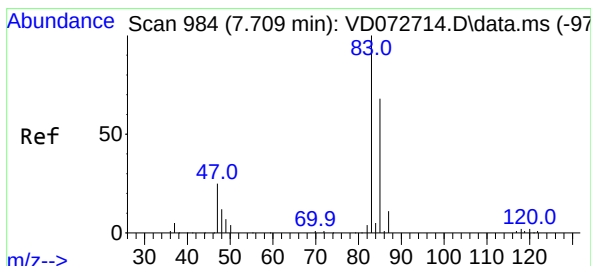
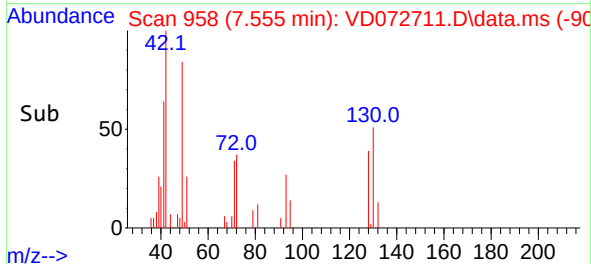
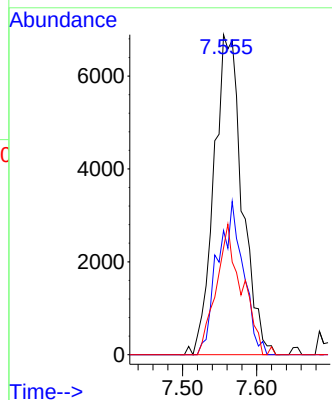
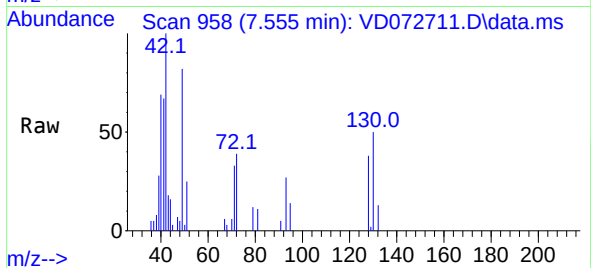
Ion	Ratio	Lower	Upper
42	100		
72	43.4	30.7	46.1
71	36.7	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#30

Chloroform

Concen: 5.665 ug/l

RT: 7.702 min Scan# 983

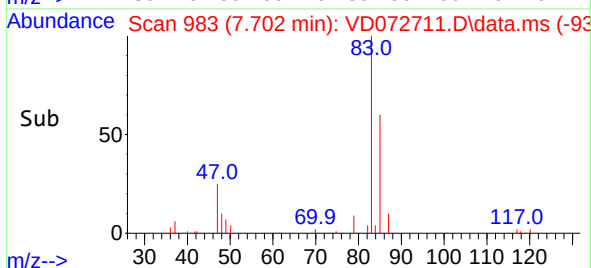
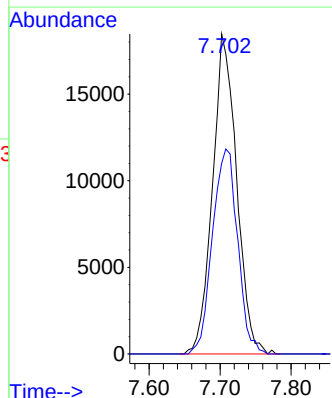
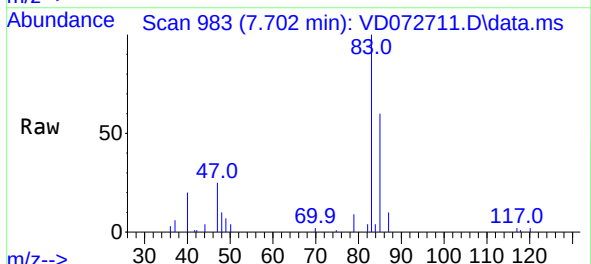
Delta R.T. -0.006 min

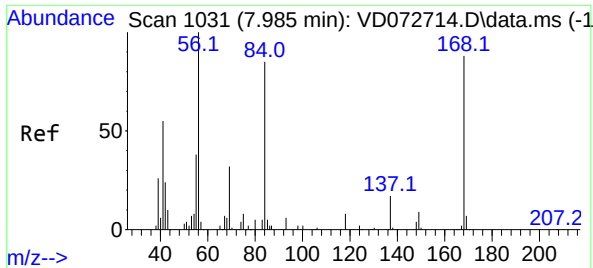
Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Tgt Ion: 83 Resp: 43448

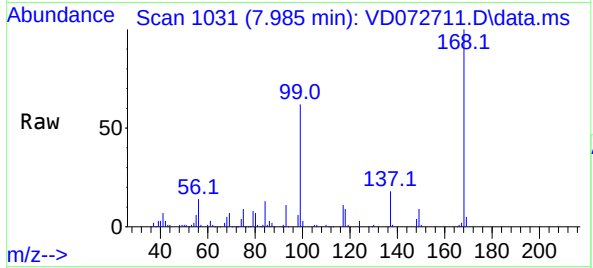
Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.7	79.1





#31
Cyclohexane
Concen: 7.851 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

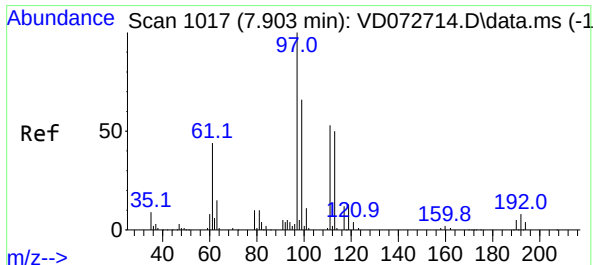
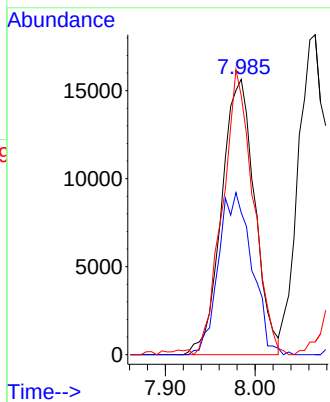
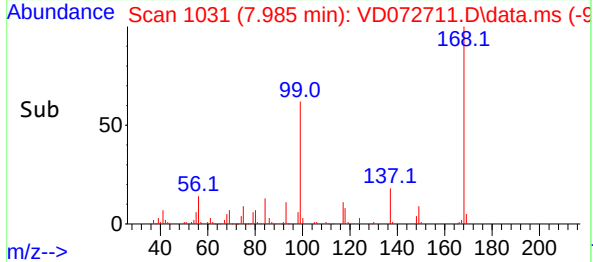
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 40134
Ion Ratio Lower Upper
56 100
69 51.5 25.4 38.2
84 92.3 63.0 94.4

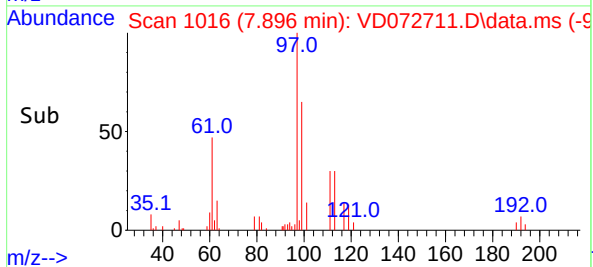
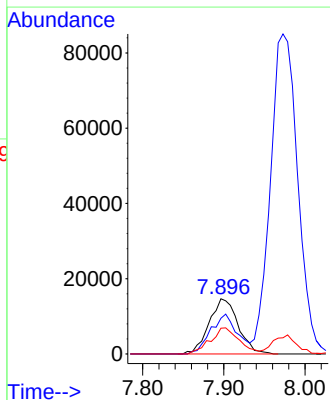
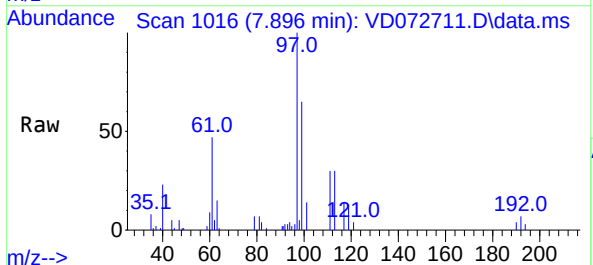
Manual Integrations
APPROVED

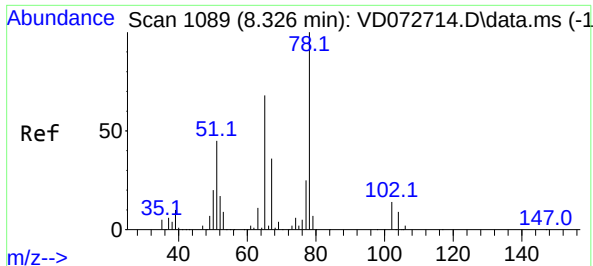
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#32
1,1,1-Trichloroethane
Concen: 5.621 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 97 Resp: 36250
Ion Ratio Lower Upper
97 100
99 67.2 52.4 78.6
61 47.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 5.468 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2108

Ion Ratio Lower Upper

65 100

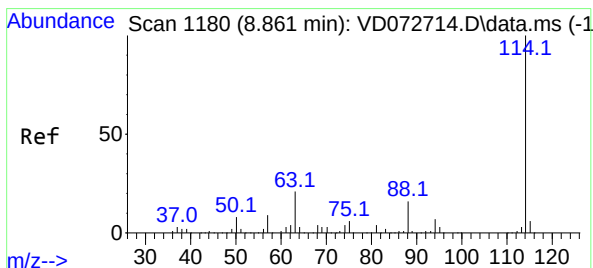
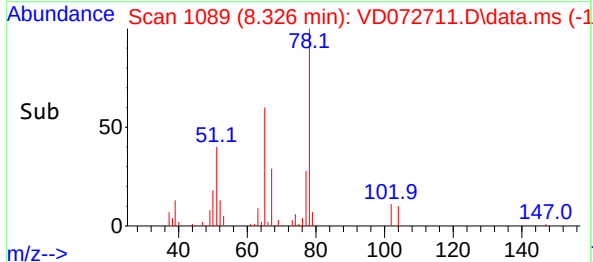
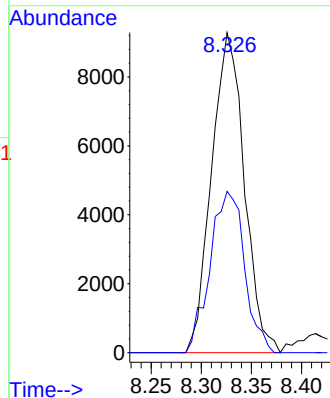
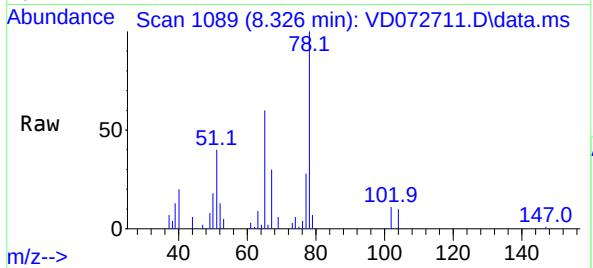
67 53.0 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

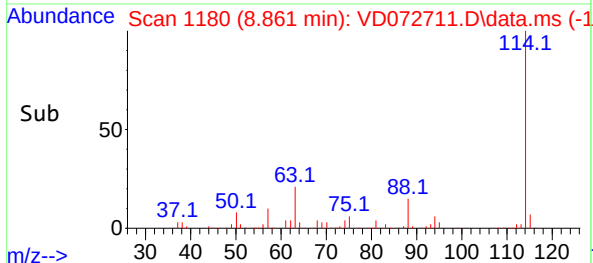
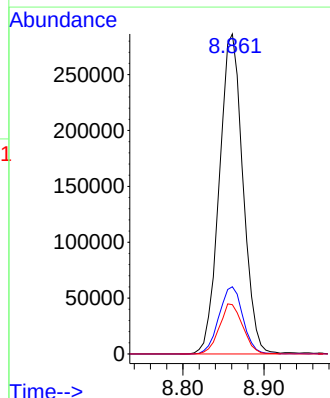
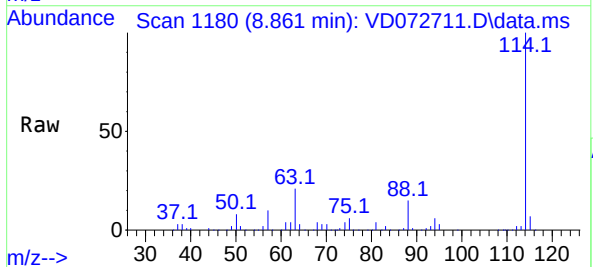
Tgt Ion:114 Resp: 578506

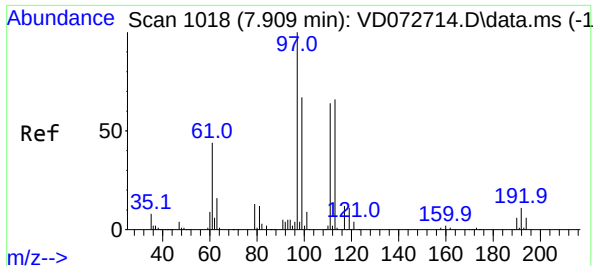
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

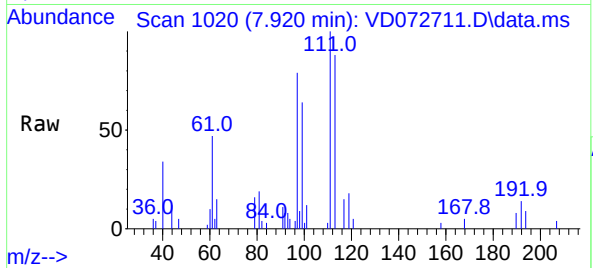
88 15.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 3.965 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.011 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

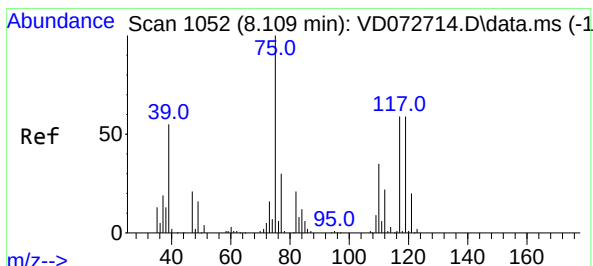
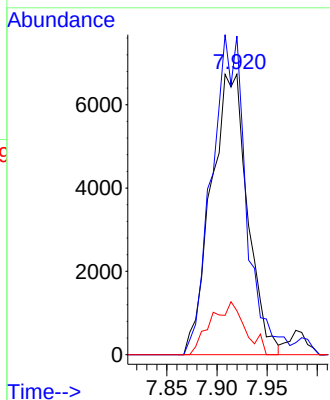
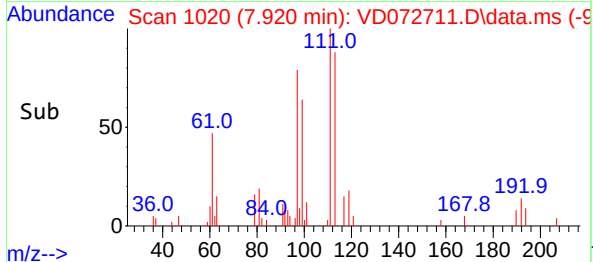
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



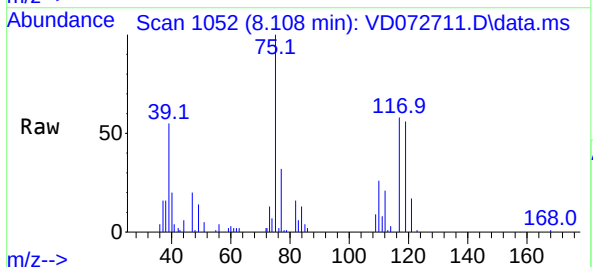
Tgt Ion: 113 Resp: 17090
Ion Ratio Lower Upper
113 100
111 107.1 83.8 125.6
192 17.6 14.6 21.8

Manual Integrations
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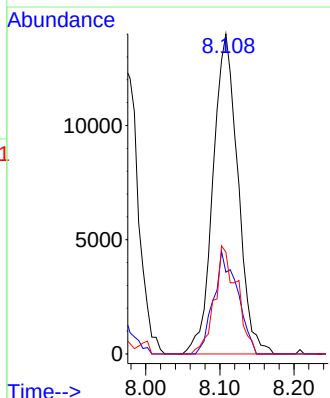
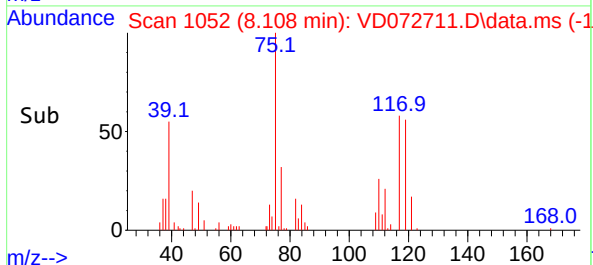
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

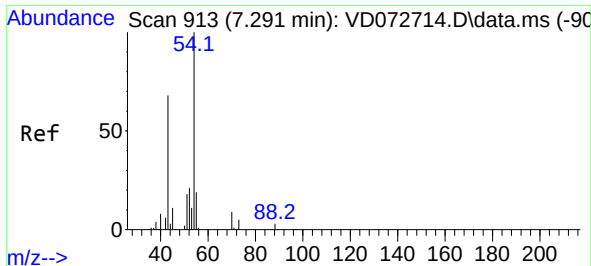


#36
1,1-Dichloropropene
Concen: 6.333 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



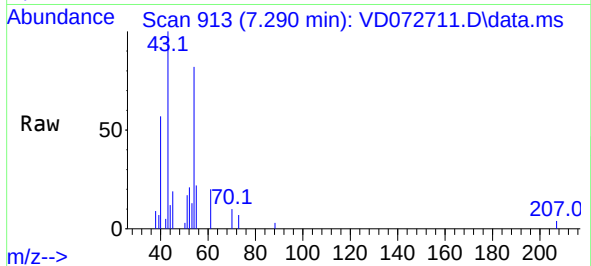
Tgt Ion: 75 Resp: 32635
Ion Ratio Lower Upper
75 100
110 30.8 16.4 49.1
77 30.4 24.2 36.2





#37
Ethyl Acetate
Concen: 5.957 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

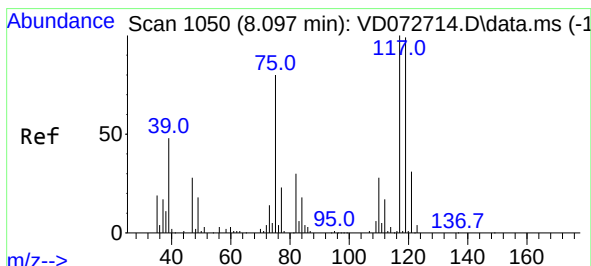
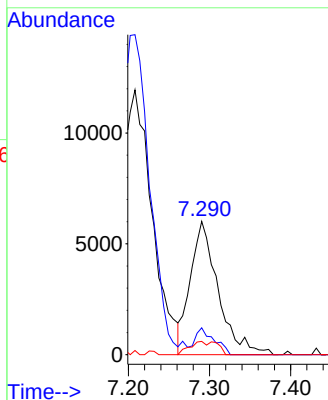
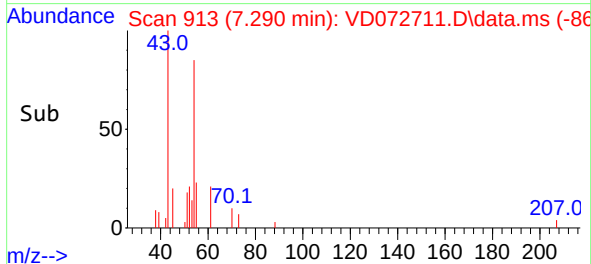
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 14349
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 6.2 6.9 10.3

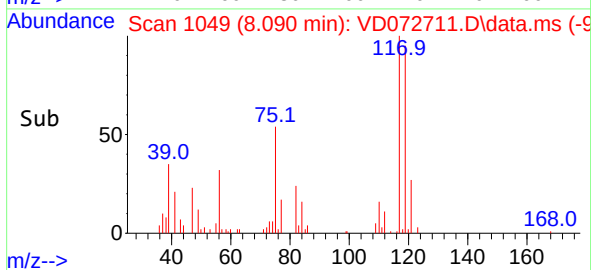
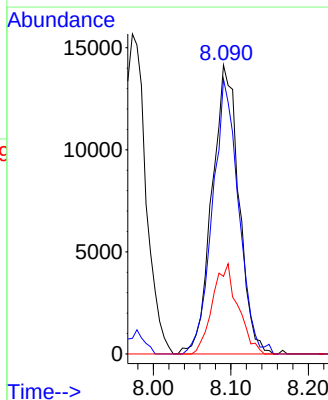
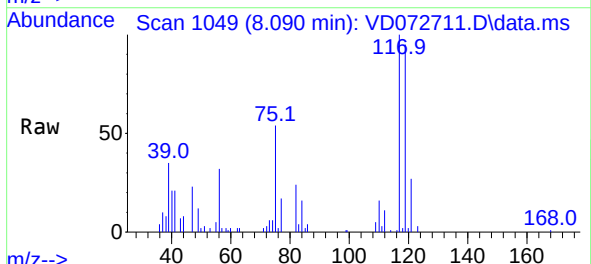
Manual Integrations
APPROVED

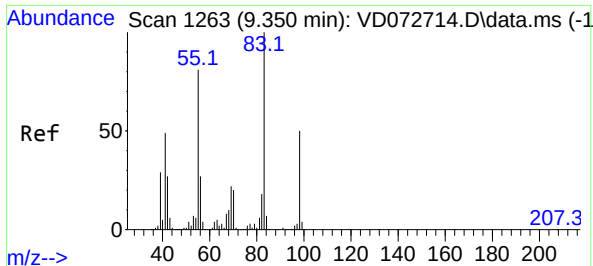
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:117 Resp: 34139
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 26.9 24.5 36.7





#39

Methylcyclohexane

Concen: 6.213 ug/l

RT: 9.355 min Scan# 1263

Delta R.T. 0.005 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

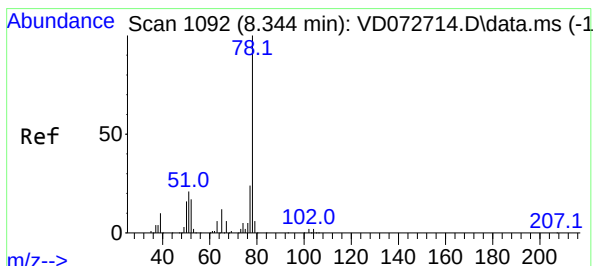
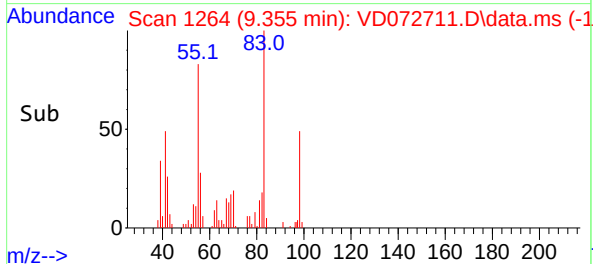
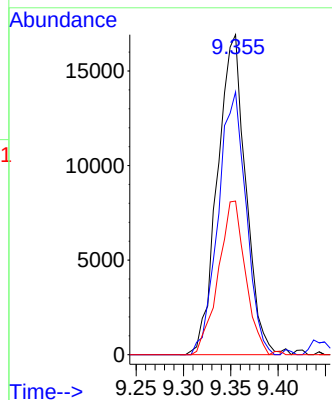
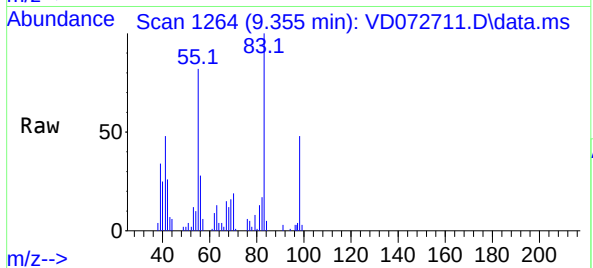
Tgt Ion:	83	Resp:	35080
Ion Ratio	Lower	Upper	
83	100		
55	82.1	63.2	94.8
98	48.0	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#40

Benzene

Concen: 6.237 ug/l

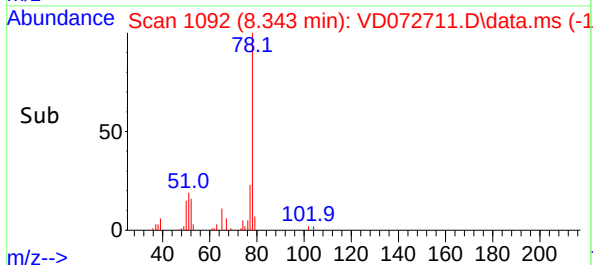
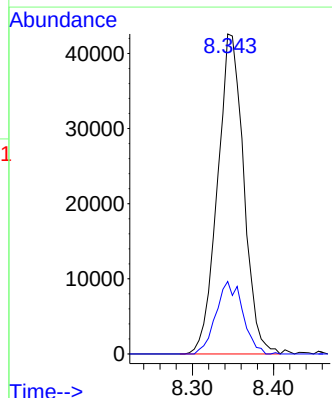
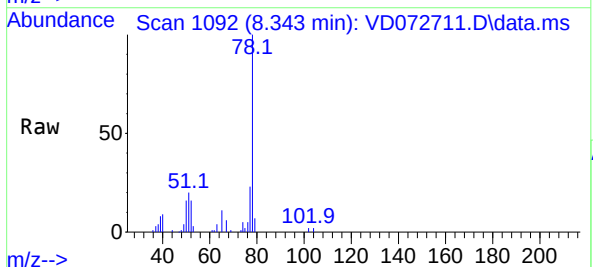
RT: 8.343 min Scan# 1092

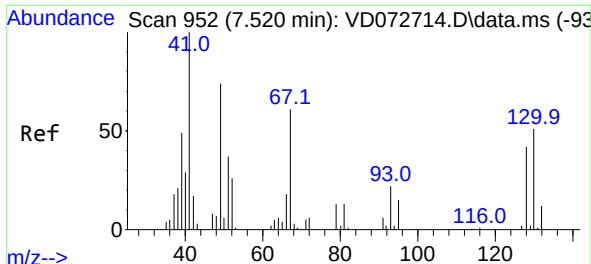
Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

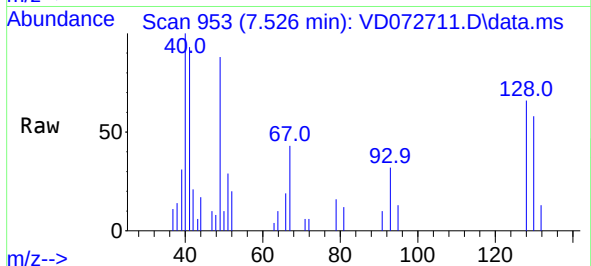
Tgt Ion:	78	Resp:	95495
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.1	28.7





#41
Methacrylonitrile
Concen: 6.213 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

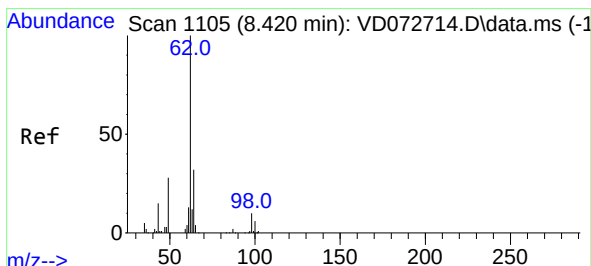
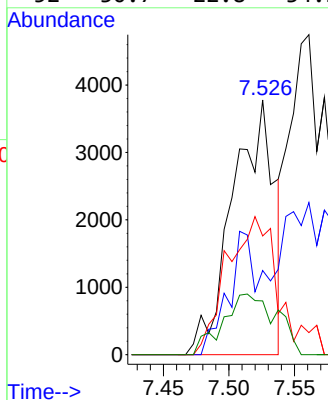
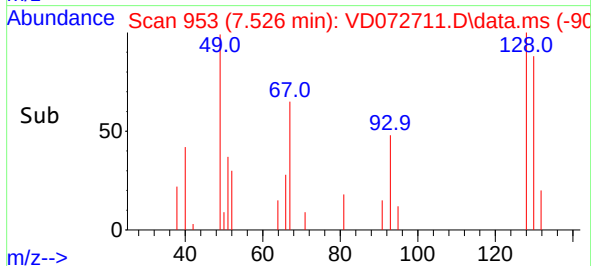
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 832
Ion Ratio Lower Upper
41 100
39 39.3 44.6 67.0
67 67.2 48.2 72.4
52 30.7 22.8 34.2

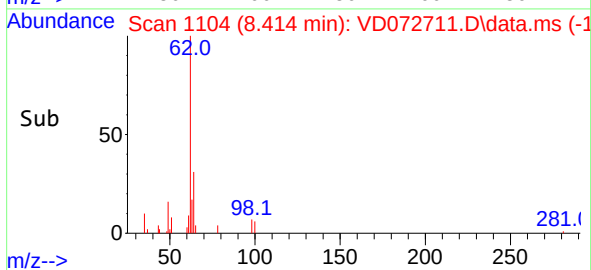
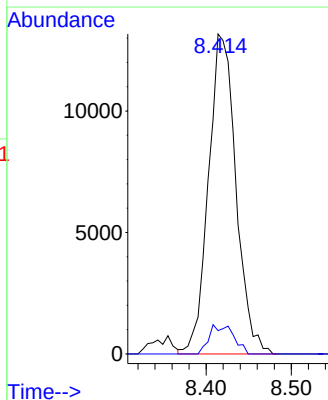
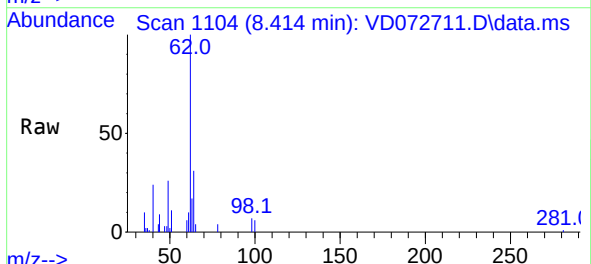
Manual Integrations
APPROVED

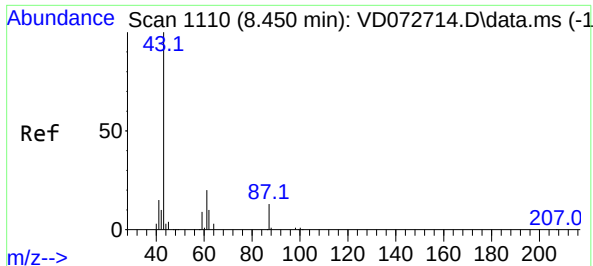
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#42
1,2-Dichloroethane
Concen: 6.223 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 62 Resp: 29500
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 5.527 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2538

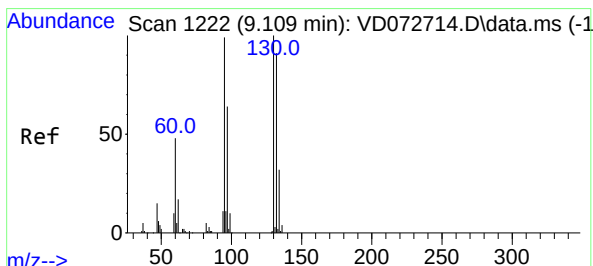
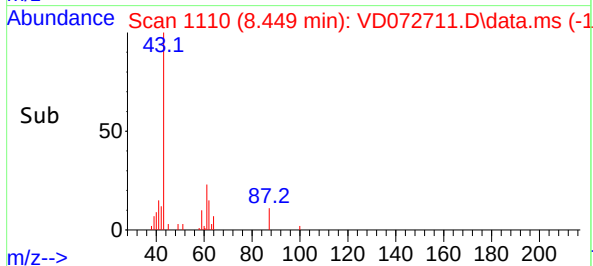
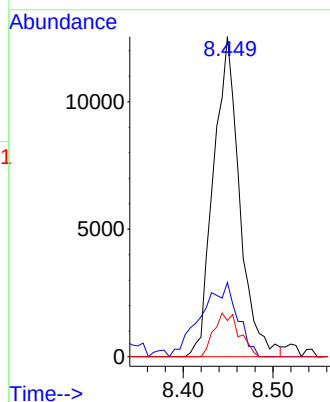
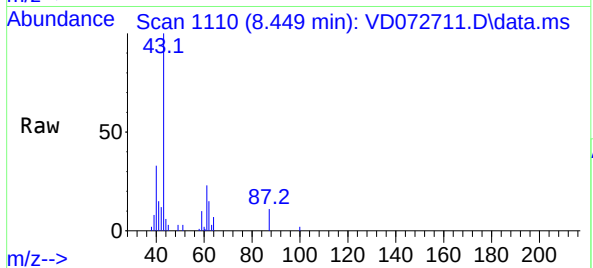
Ion	Ratio	Lower	Upper
43	100		
61	32.2	22.4	33.6
87	13.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#44

Trichloroethene

Concen: 5.786 ug/l

RT: 9.108 min Scan# 1222

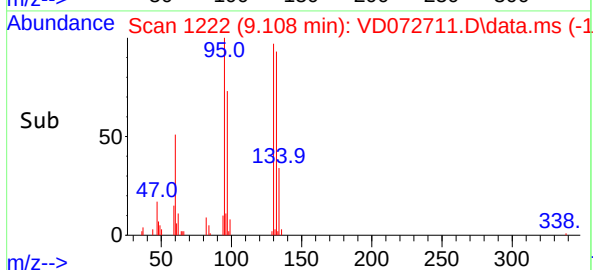
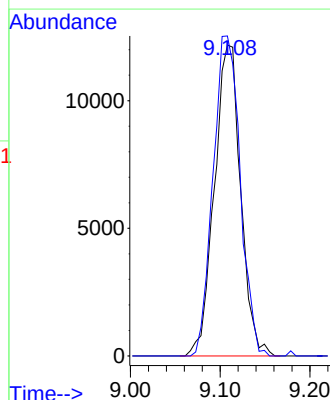
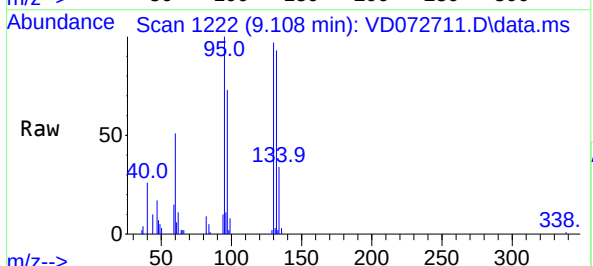
Delta R.T. -0.001 min

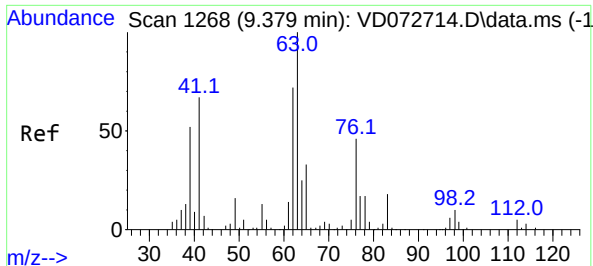
Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Tgt Ion:130 Resp: 24798

Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	205.4





#45

1,2-Dichloropropane

Concen: 5.671 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2421

Ion Ratio Lower Upper

63 100

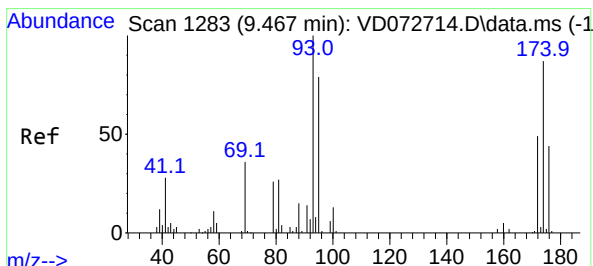
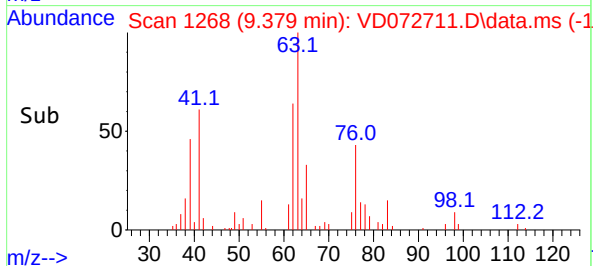
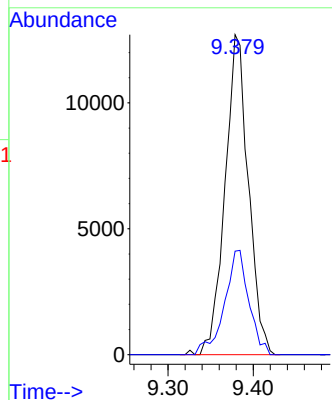
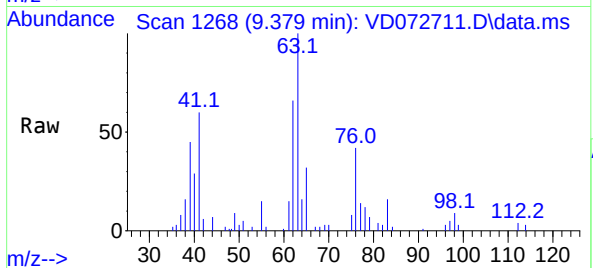
65 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#46

Dibromomethane

Concen: 5.985 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.005 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

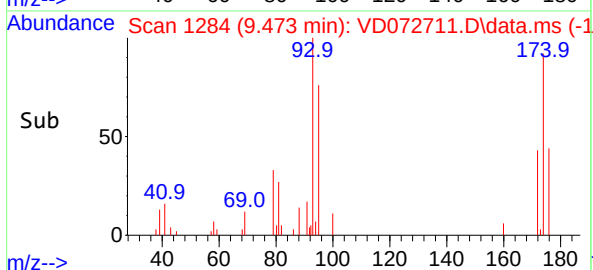
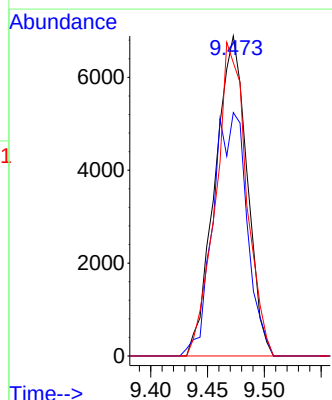
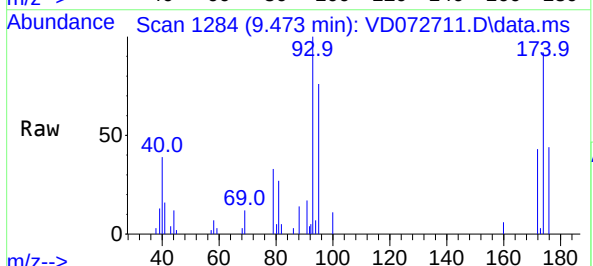
Tgt Ion: 93 Resp: 13542

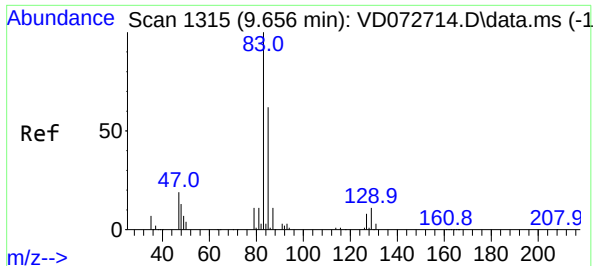
Ion Ratio Lower Upper

93 100

95 80.7 66.7 100.1

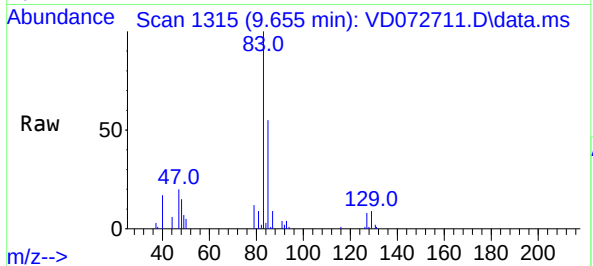
174 94.4 71.6 107.4





#47
Bromodichloromethane
Concen: 5.348 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

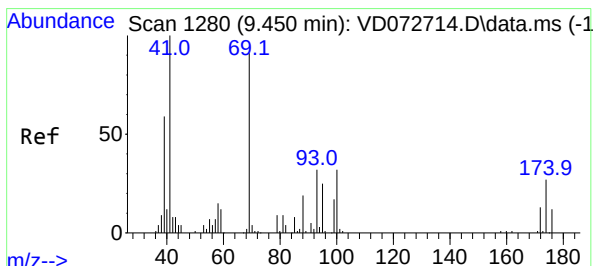
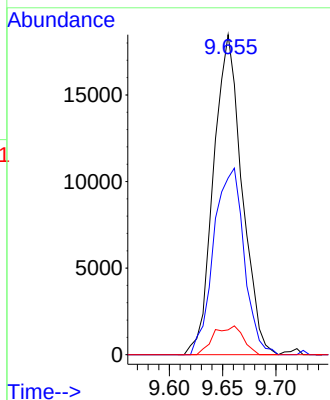
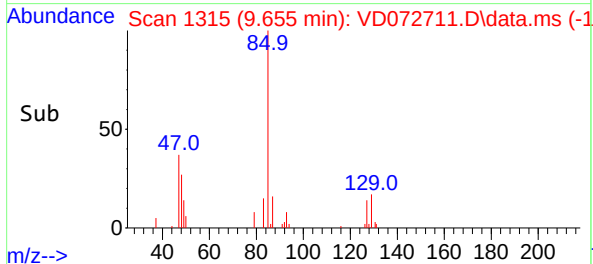
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



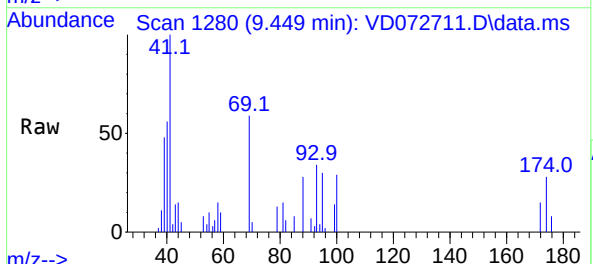
Tgt Ion: 83 Resp: 34318
Ion Ratio Lower Upper
83 100
85 55.2 51.4 77.0
127 7.8 6.1 9.1

Manual Integrations
APPROVED

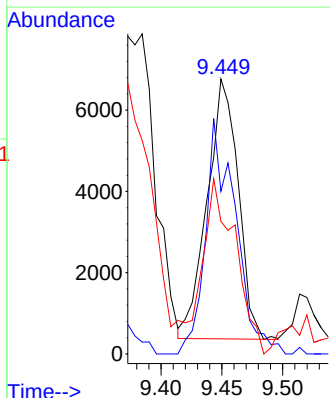
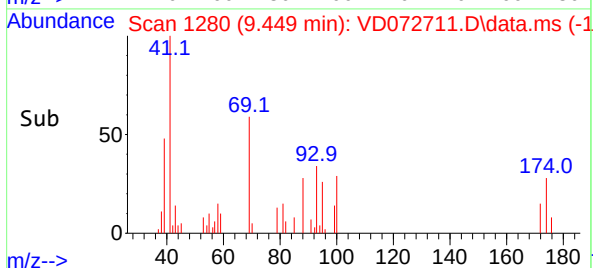
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

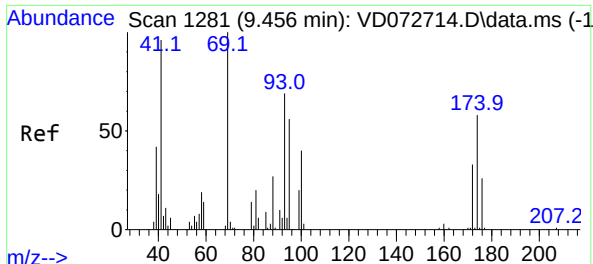


#48
Methyl methacrylate
Concen: 5.013 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



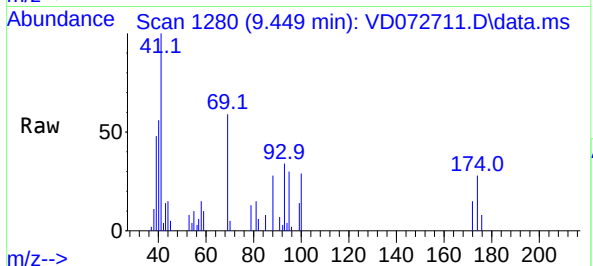
Tgt Ion: 41 Resp: 11328
Ion Ratio Lower Upper
41 100
69 87.8 56.7 85.1#
39 70.3 42.7 64.1#





#49
1,4-Dioxane
Concen: 118.047 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

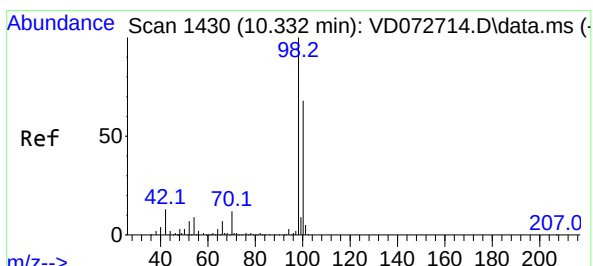
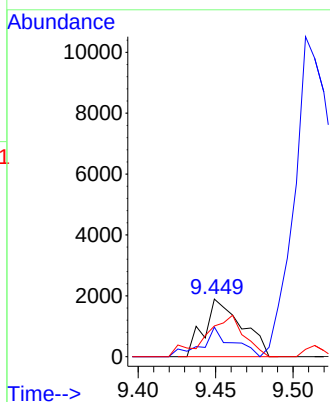
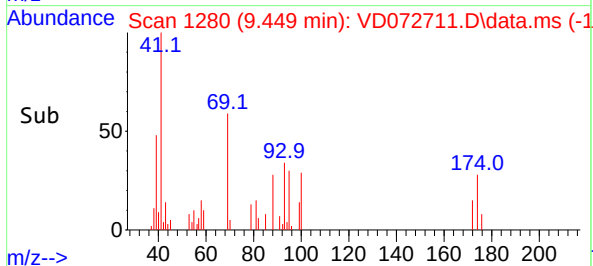
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 319
Ion Ratio Lower Upper
88 100
43 41.0 31.0 46.4
58 72.5 58.1 87.1

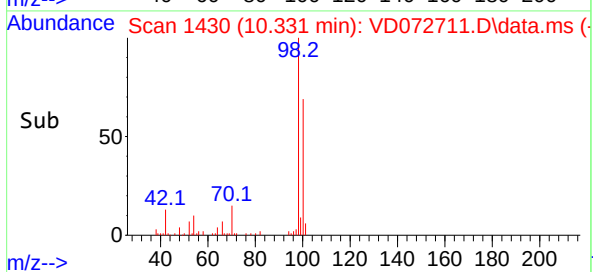
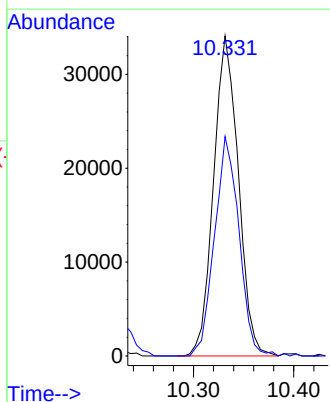
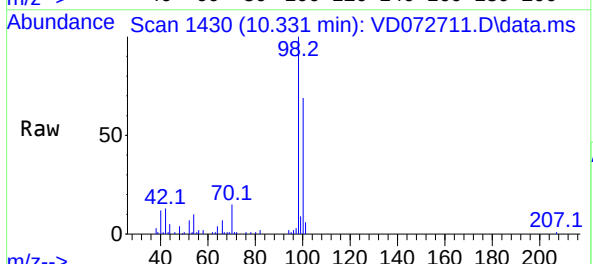
Manual Integrations
APPROVED

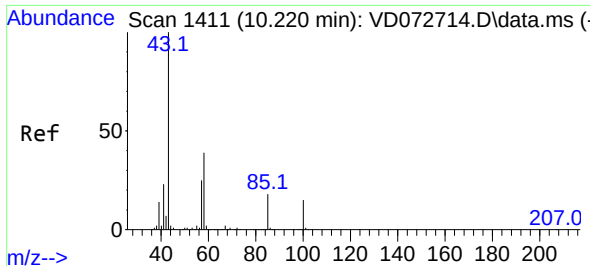
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 3.896 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

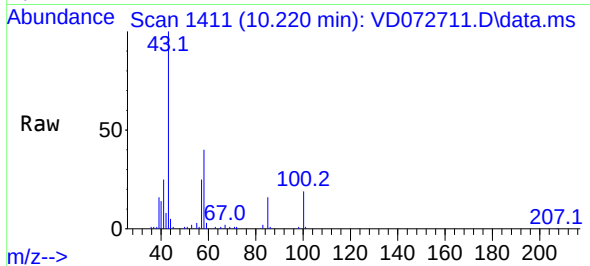
Tgt Ion: 98 Resp: 58433
Ion Ratio Lower Upper
98 100
100 68.0 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 26.403 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

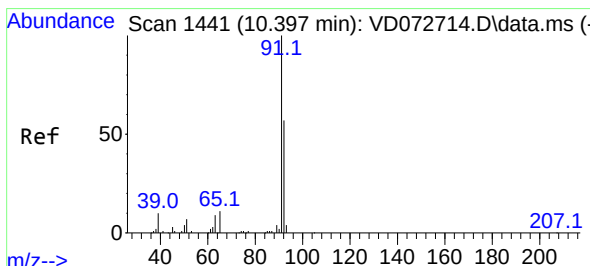
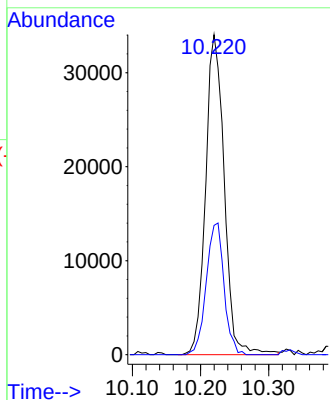
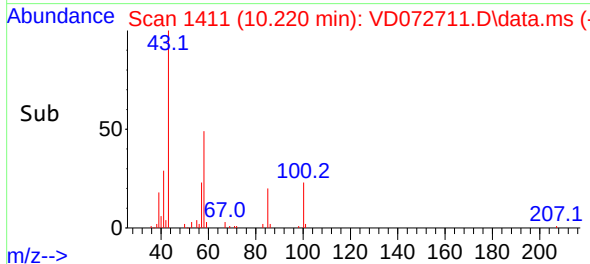
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



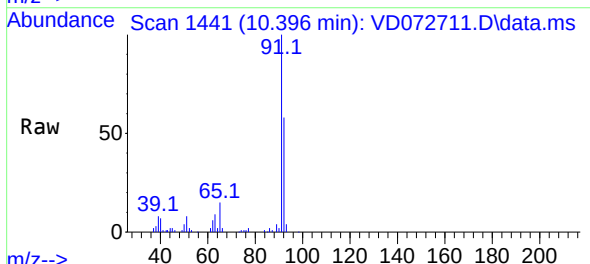
Tgt Ion: 43 Resp: 64730
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0

Manual Integrations
APPROVED

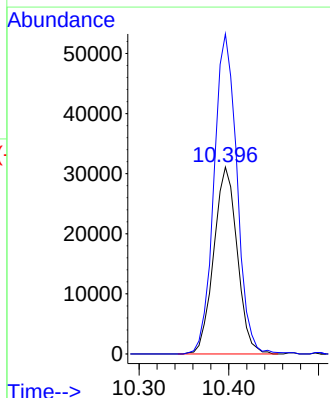
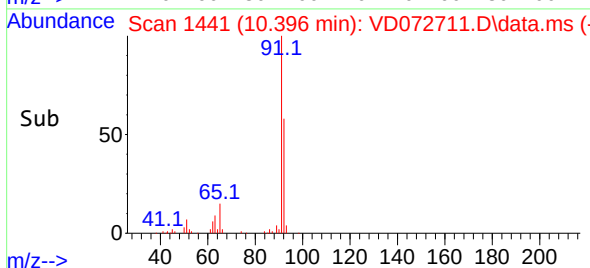
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

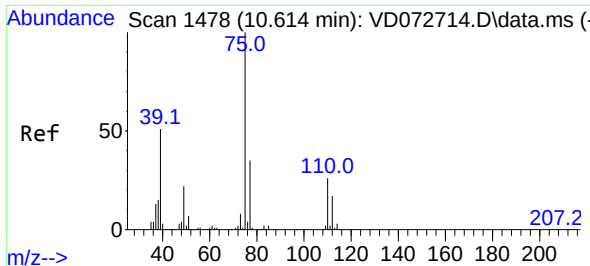


#52
Toluene
Concen: 5.586 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



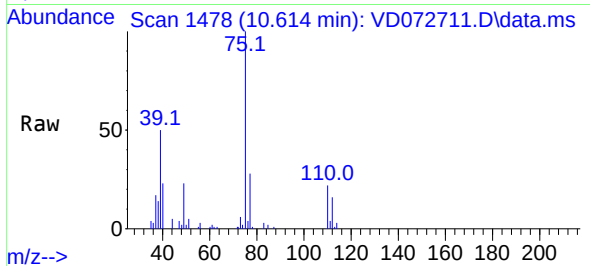
Tgt Ion: 92 Resp: 56383
Ion Ratio Lower Upper
92 100
91 167.9 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 5.296 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.001 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04

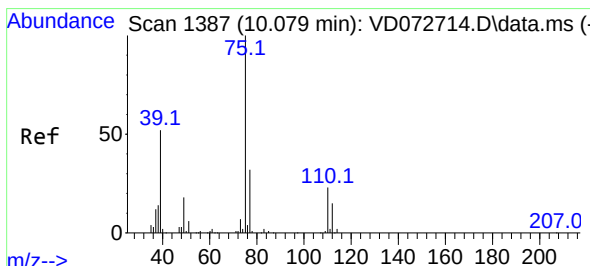
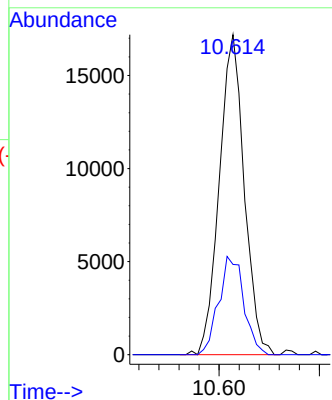
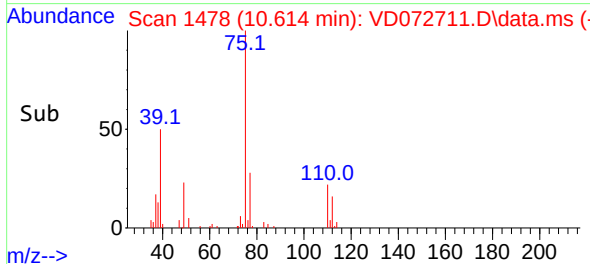
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



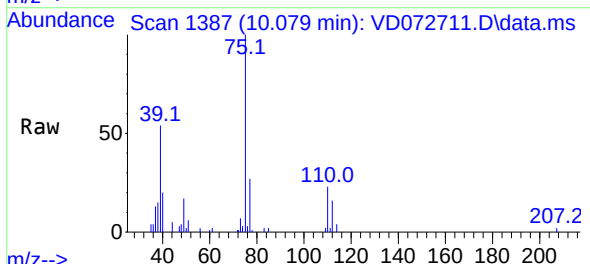
Tgt Ion: 75 Resp: 2964
 Ion Ratio Lower Upper
 75 100
 77 28.2 24.5 36.7

Manual Integrations
 APPROVED

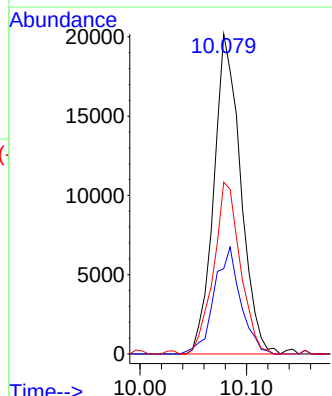
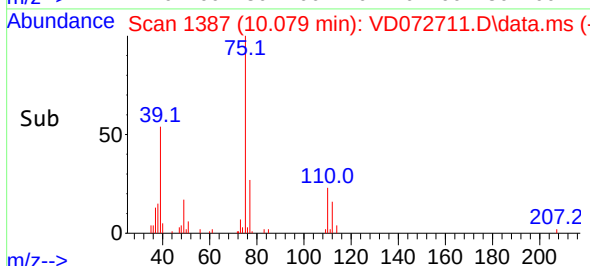
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

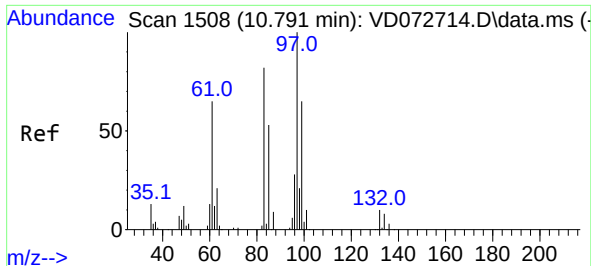


#54
 cis-1,3-Dichloropropene
 Concen: 5.314 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.001 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04



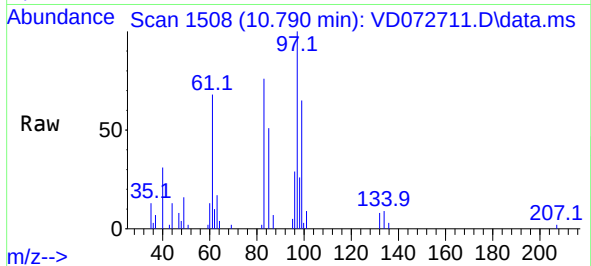
Tgt Ion: 75 Resp: 35186
 Ion Ratio Lower Upper
 75 100
 77 26.6 24.8 37.2
 39 53.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 5.678 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

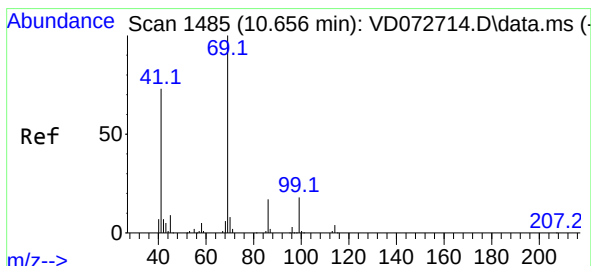
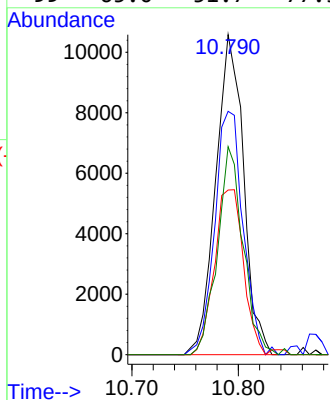
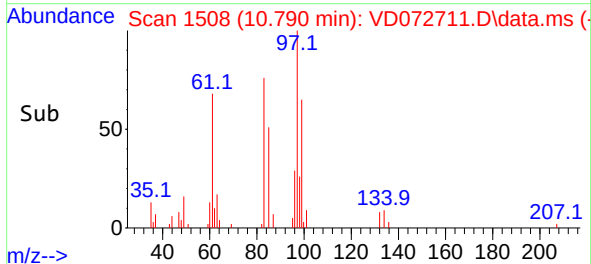
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



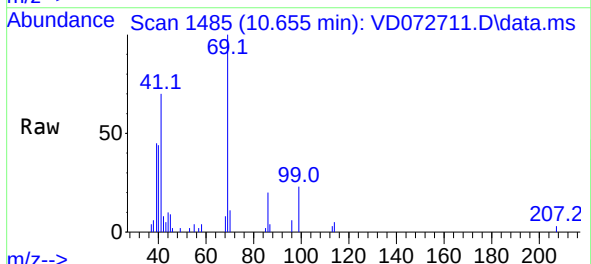
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.0	69.0	103.4
85	51.4	42.6	63.8
99	65.0	51.7	77.5

Manual Integrations
APPROVED

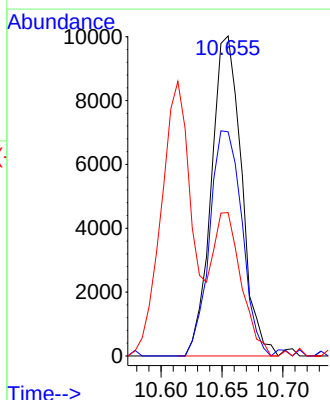
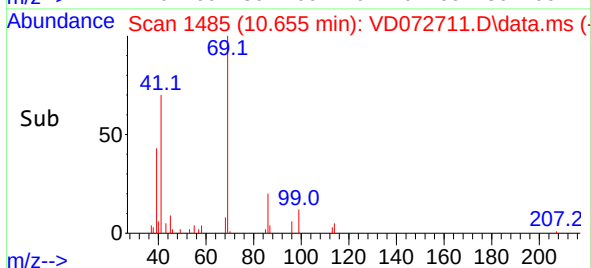
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

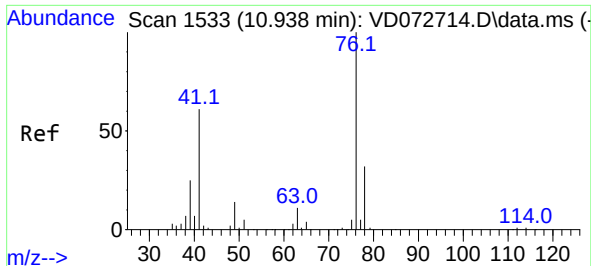


#56
Ethyl methacrylate
Concen: 4.527 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	63.0	94.6
39	40.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 5.268 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

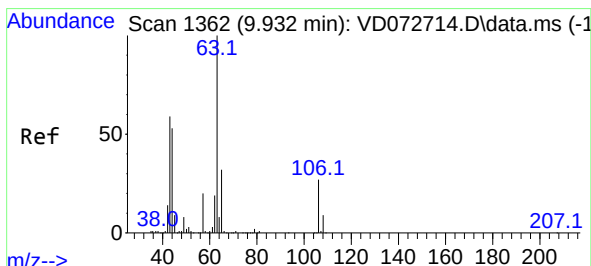
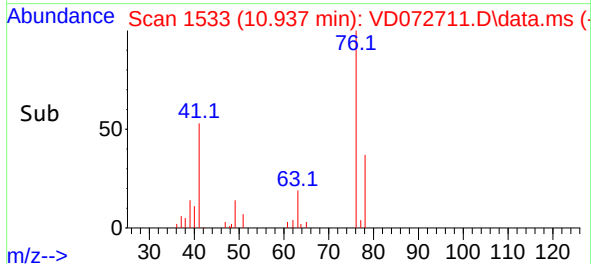
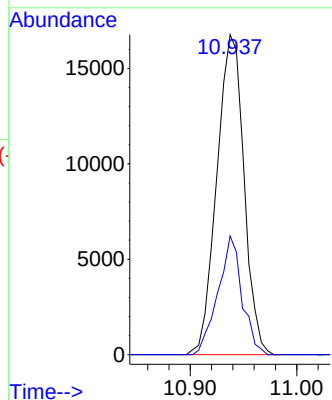
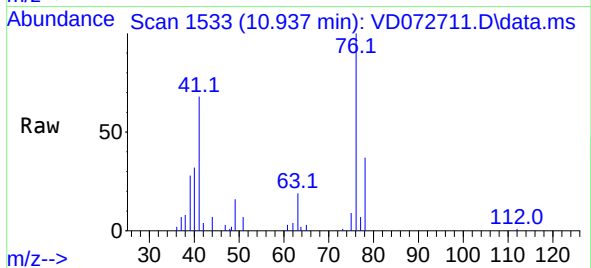
Tgt Ion: 76 Resp: 29678
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.787 ug/l

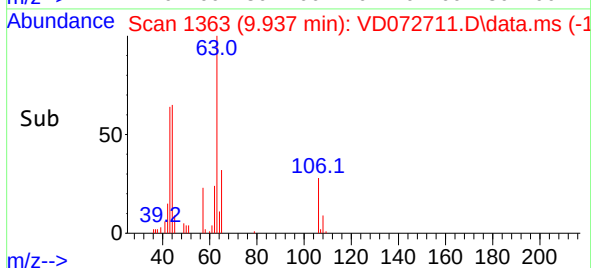
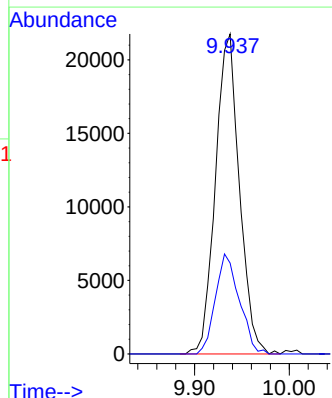
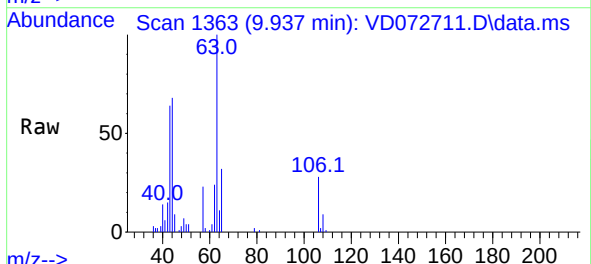
RT: 9.937 min Scan# 1363

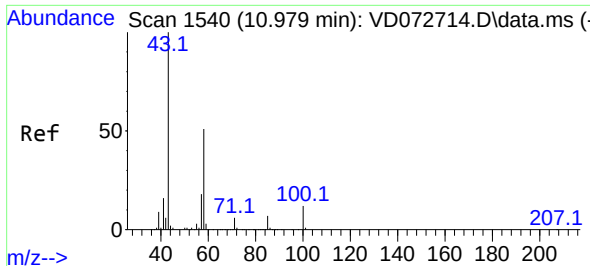
Delta R.T. 0.005 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

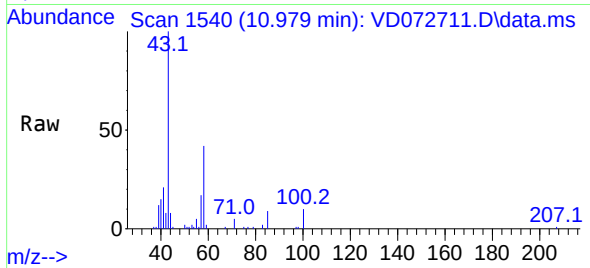
Tgt Ion: 63 Resp: 38208
 Ion Ratio Lower Upper
 63 100
 106 31.2 21.4 32.0





#59
2-Hexanone
Concen: 24.690 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

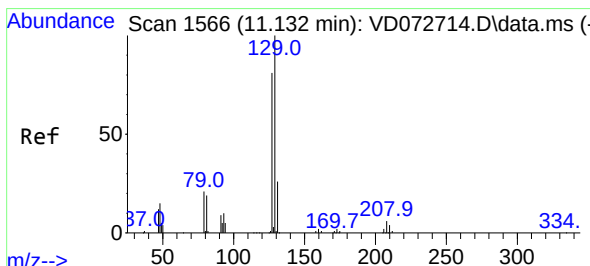
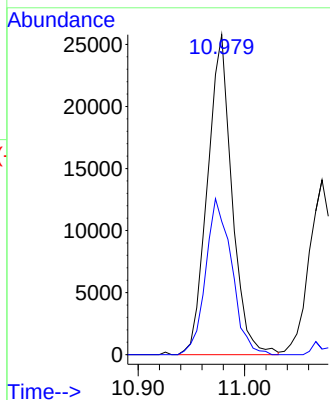
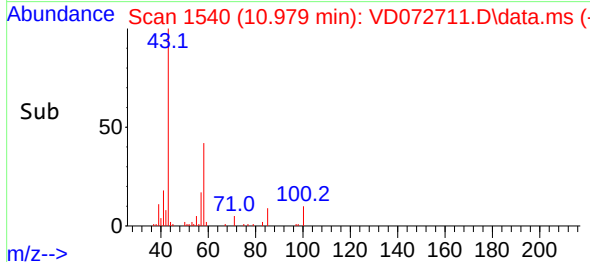
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 41150
Ion Ratio Lower Upper
43 100
58 52.0 25.3 75.9

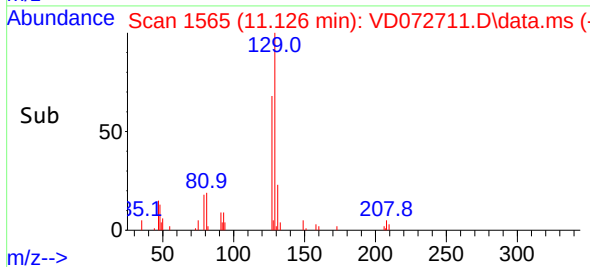
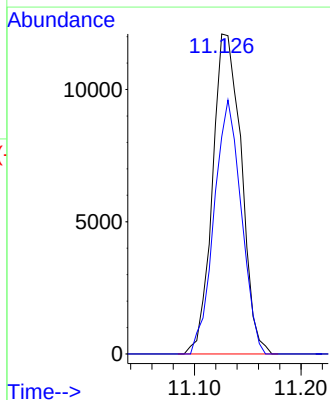
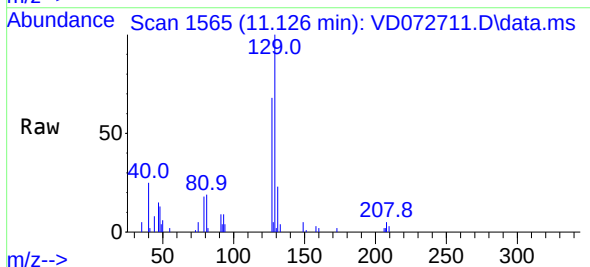
Manual Integrations
APPROVED

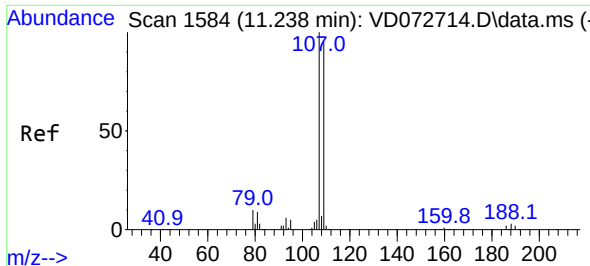
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#60
Dibromochloromethane
Concen: 5.238 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:129 Resp: 22698
Ion Ratio Lower Upper
129 100
127 75.2 39.2 117.6





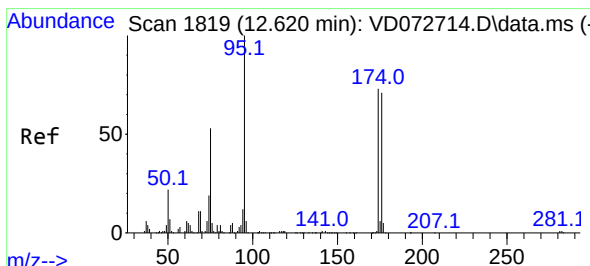
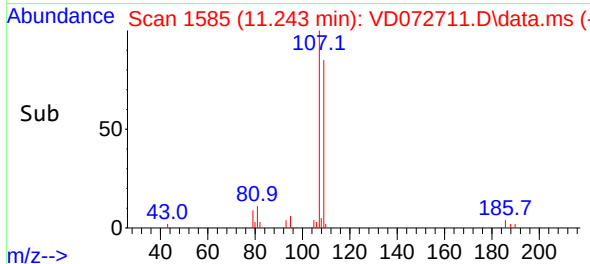
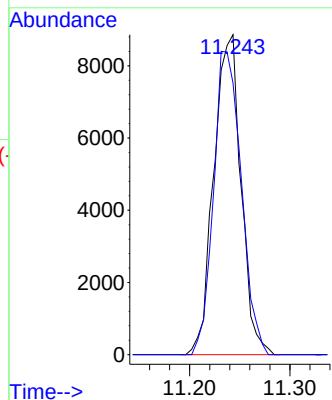
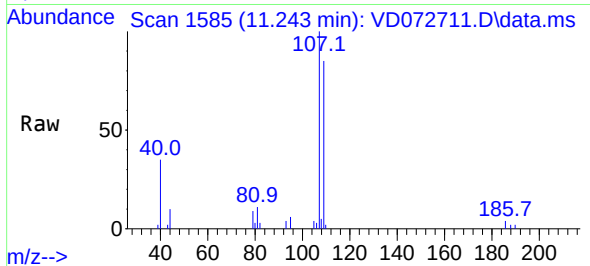
#61
1,2-Dibromoethane
Concen: 5.473 ug/l
RT: 11.243 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1665
Ion Ratio Lower Upper
107 100
109 97.0 74.2 111.4

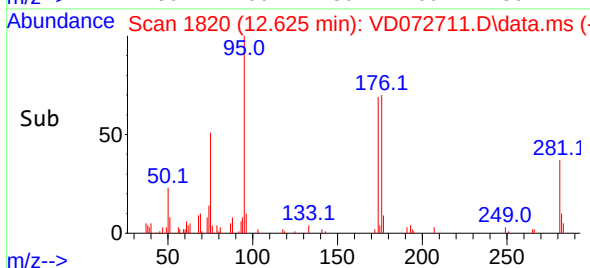
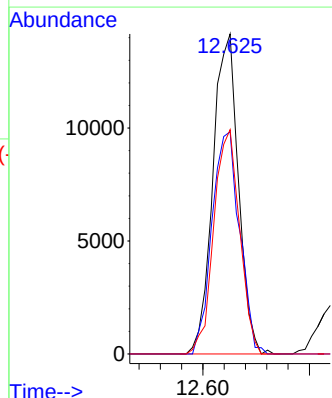
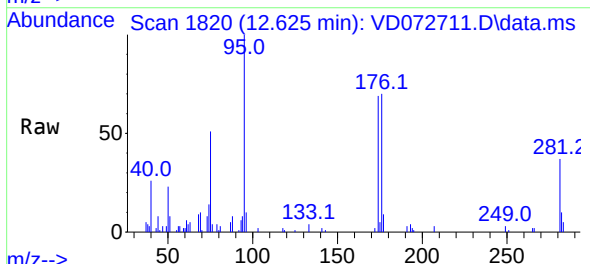
Manual Integrations
APPROVED

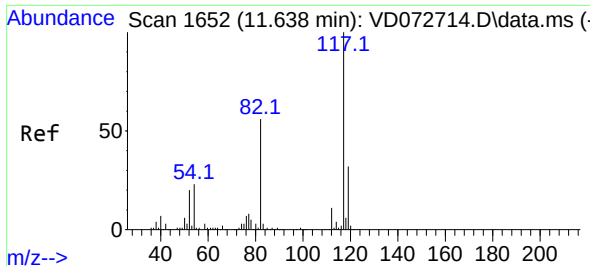
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#62
4-Bromofluorobenzene
Concen: 3.998 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

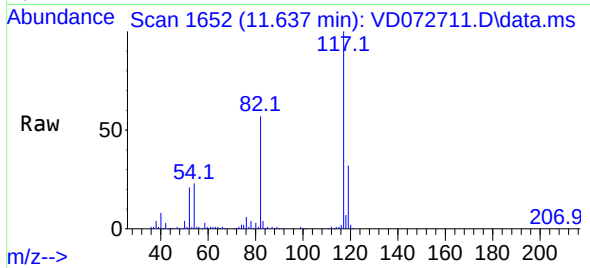
Tgt Ion: 95 Resp: 23495
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 70.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11652
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

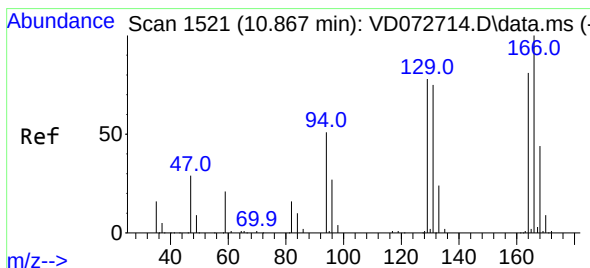
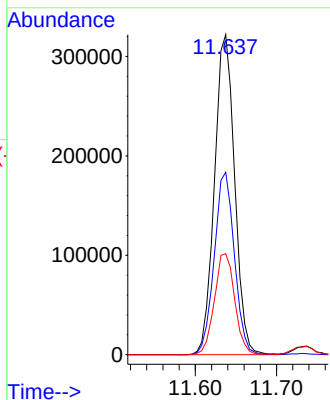
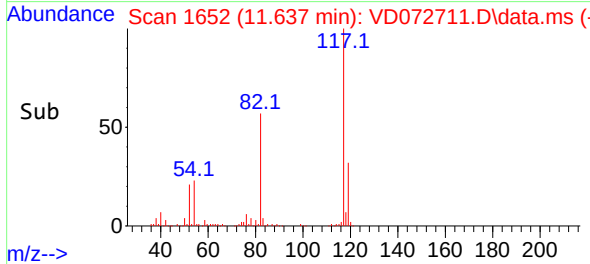
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



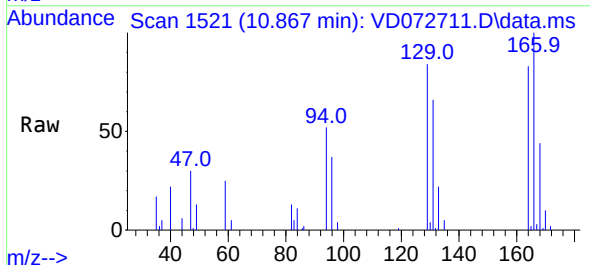
Tgt Ion:117 Resp: 55656
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.6 26.6 40.0

Manual Integrations
APPROVED

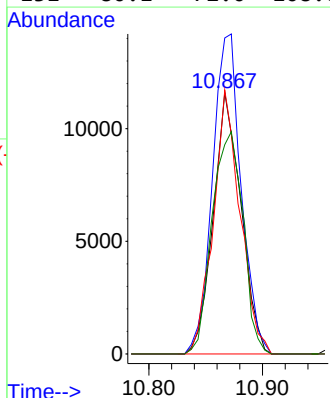
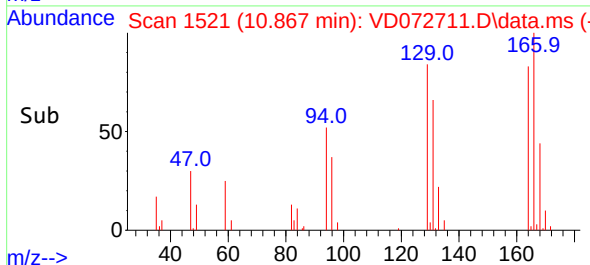
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

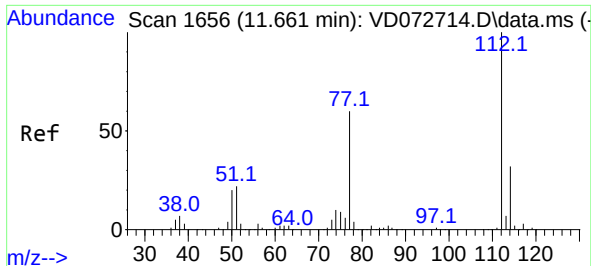


#64
Tetrachloroethene
Concen: 5.606 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



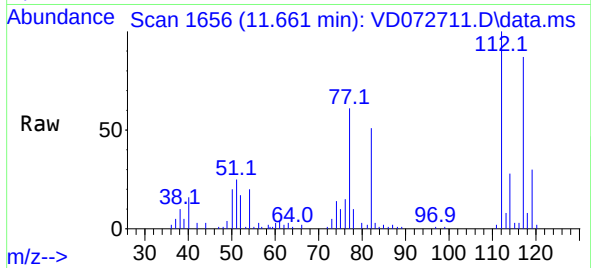
Tgt Ion:164 Resp: 19691
Ion Ratio Lower Upper
164 100
166 121.0 98.5 147.7
129 101.0 74.6 111.8
131 80.1 72.0 108.0





#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

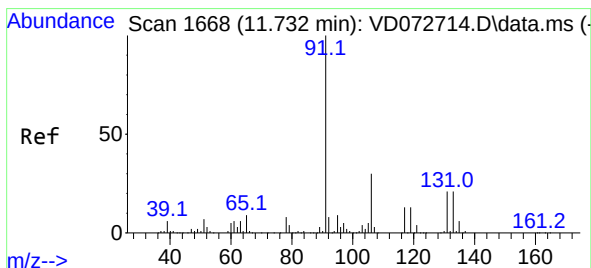
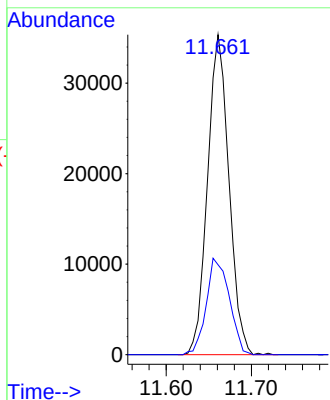
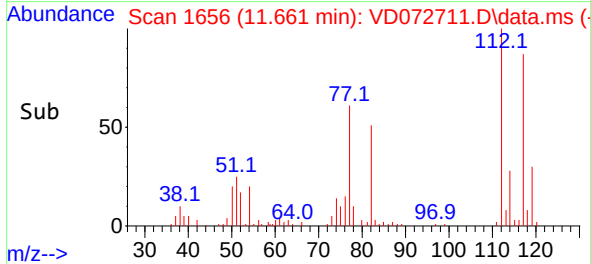
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



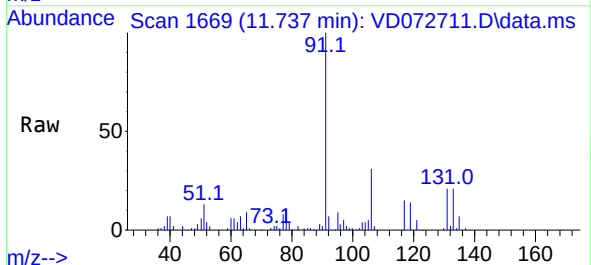
Tgt Ion:112 Resp: 6162
Ion Ratio Lower Upper
112 100
114 28.1 25.8 38.6

Manual Integrations
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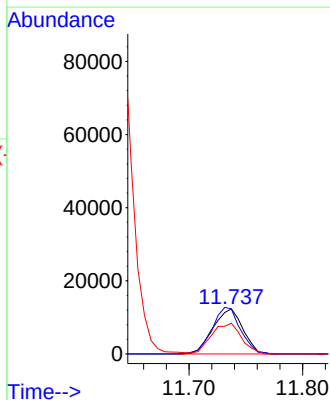
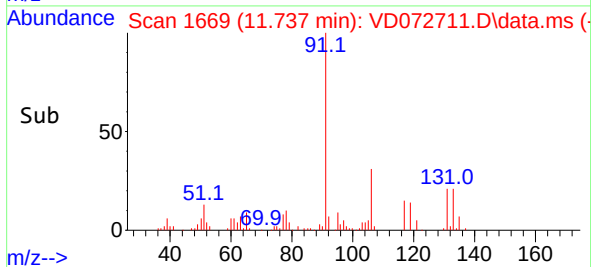
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

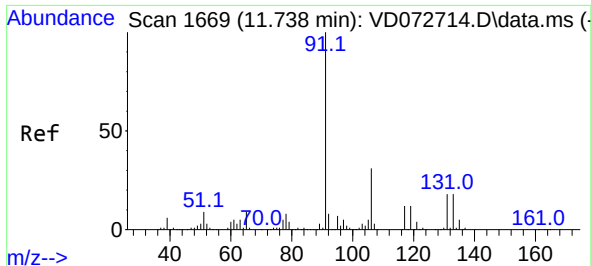


#66
1,1,1,2-Tetrachloroethane
Concen: 4.716 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion:131 Resp: 22479
Ion Ratio Lower Upper
131 100
133 97.9 48.1 144.3
119 68.1 31.9 95.9





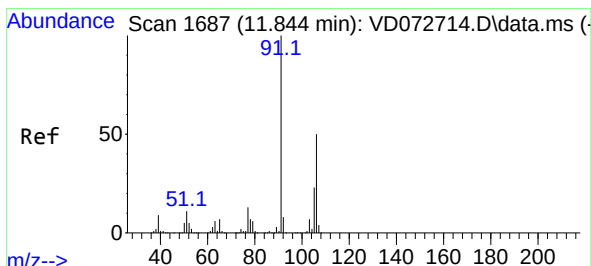
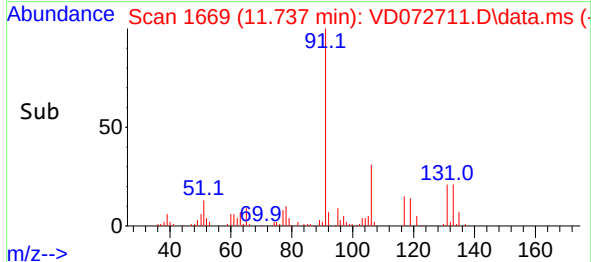
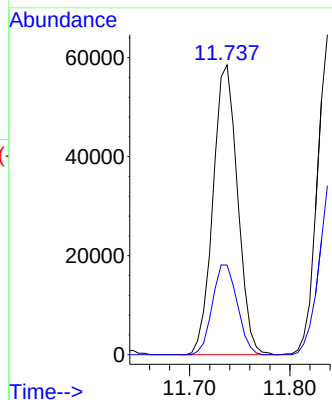
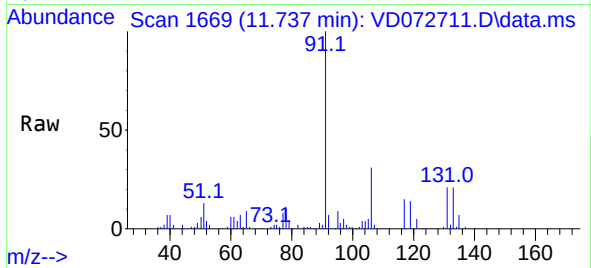
#67
Ethyl Benzene
Concen: 4.778 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 9964
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

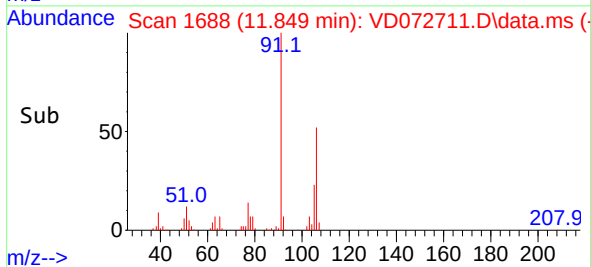
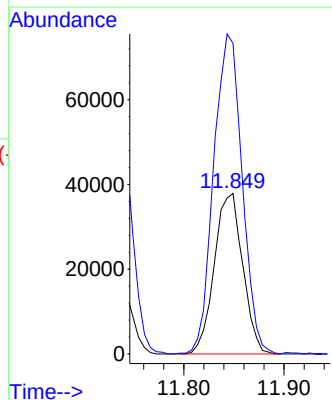
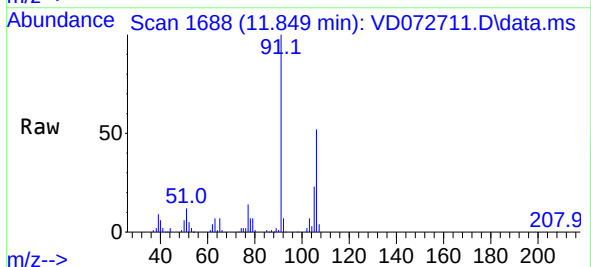
Manual Integrations
APPROVED

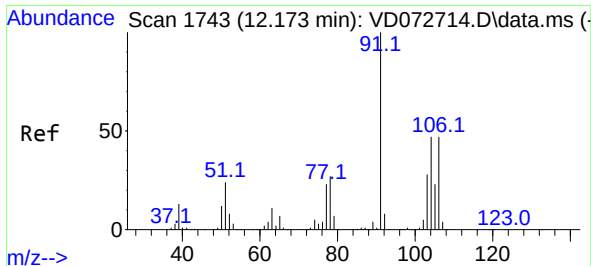
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#68
m/p-Xylenes
Concen: 9.389 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:106 Resp: 74457
Ion Ratio Lower Upper
106 100
91 199.9 163.7 245.5





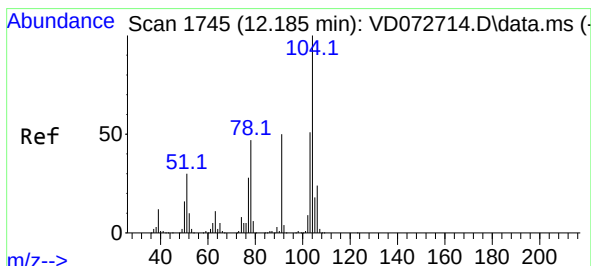
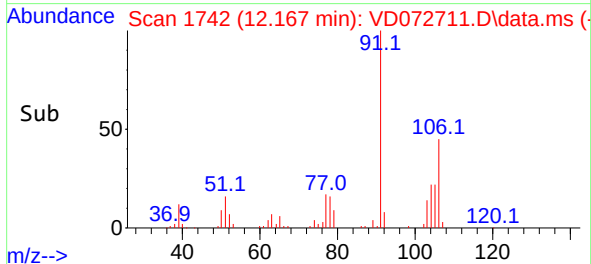
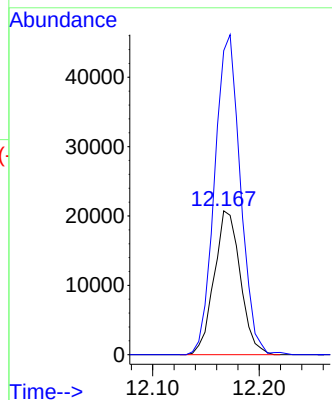
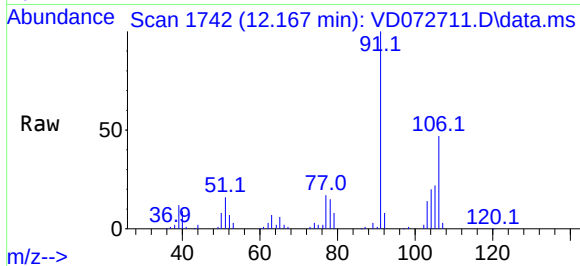
#69
o-Xylene
Concen: 4.620 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 35372
Ion Ratio Lower Upper
106 100
91 219.0 110.4 331.2

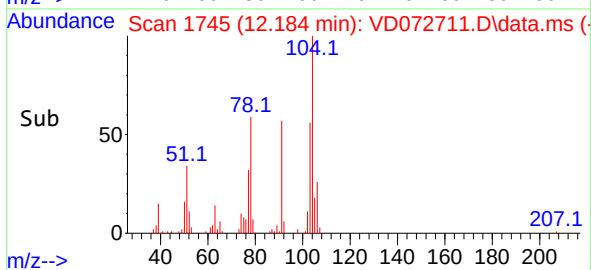
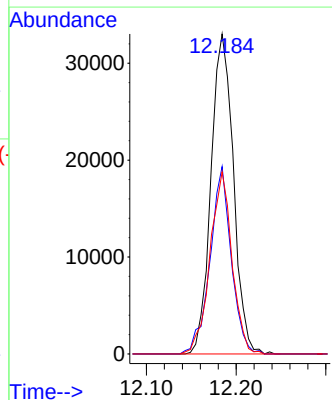
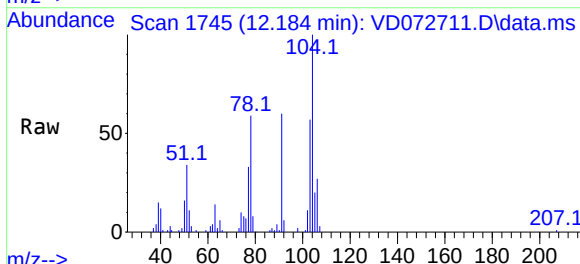
Manual Integrations
APPROVED

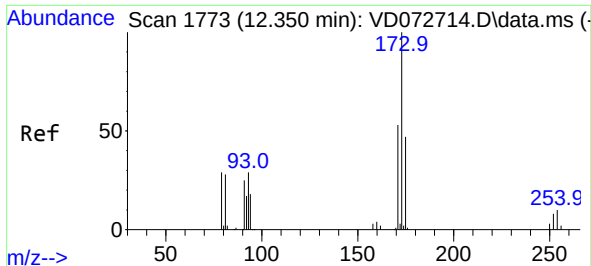
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 4.262 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:104 Resp: 57264
Ion Ratio Lower Upper
104 100
78 55.4 41.8 62.8
103 55.9 44.2 66.4





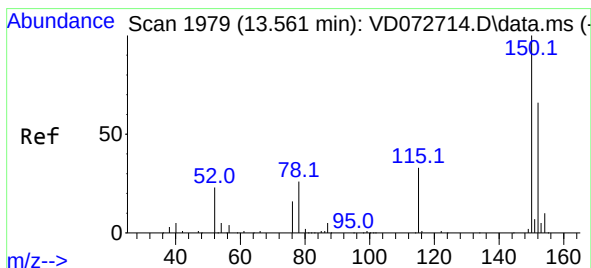
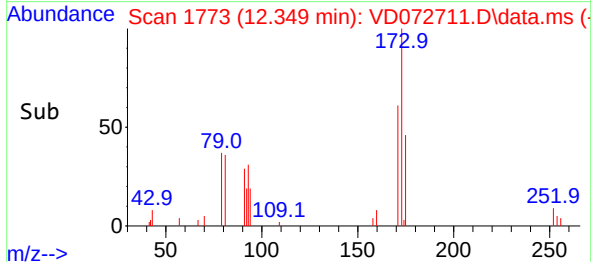
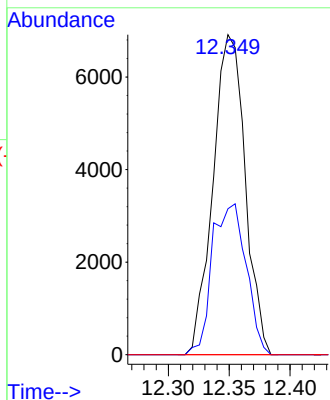
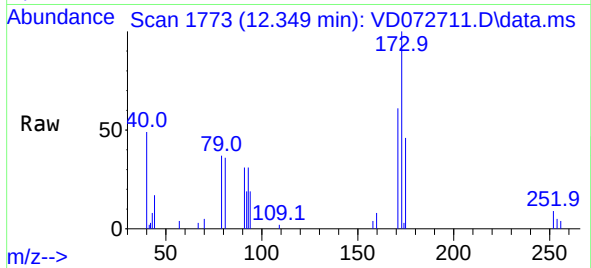
#71
Bromoform
Concen: 5.010 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 12750
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.0 0.0

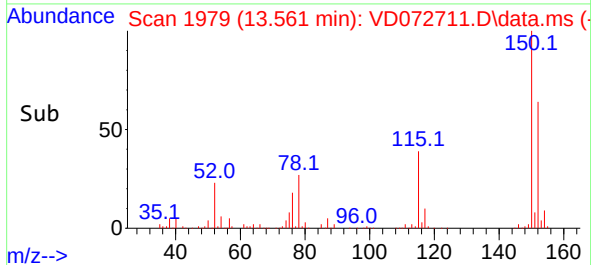
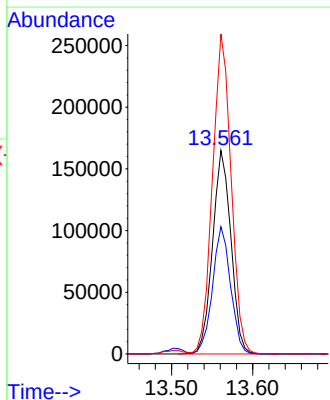
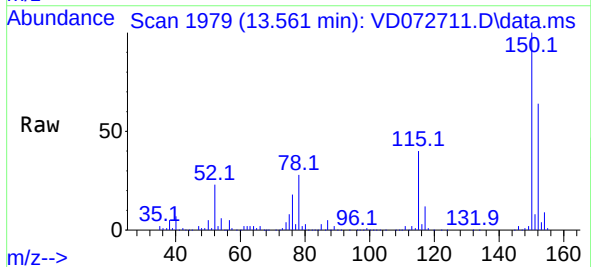
Manual Integrations
APPROVED

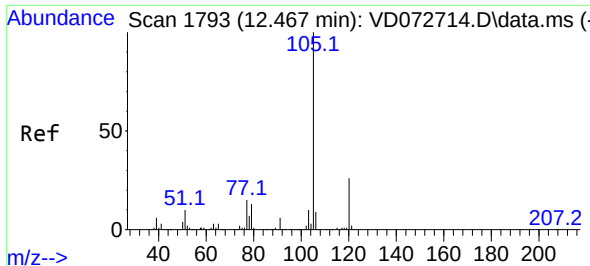
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:152 Resp: 259357
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 159.4 0.0 348.6





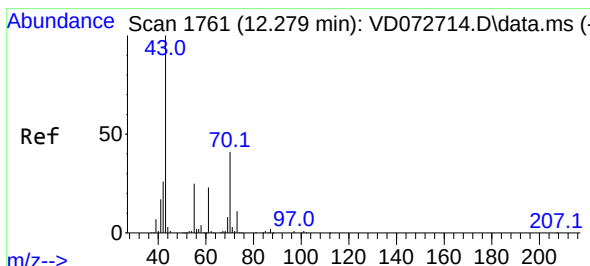
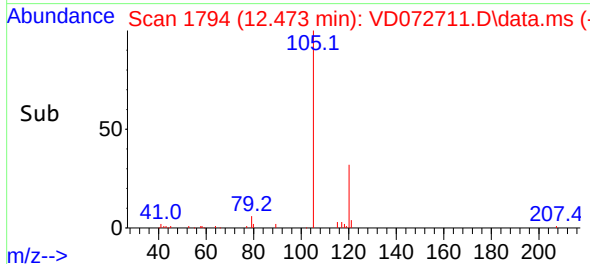
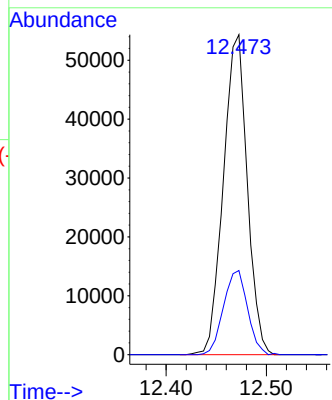
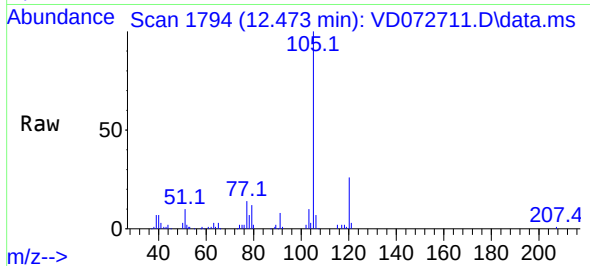
#73
Isopropylbenzene
Concen: 4.469 ug/l
RT: 12.473 min Scan# 1793
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 89660
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

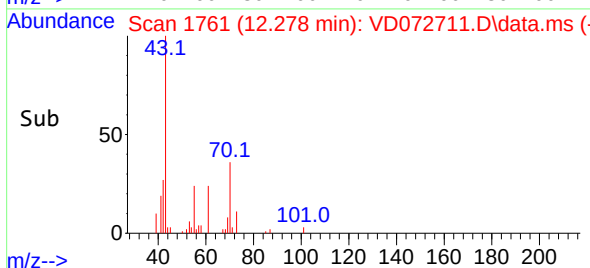
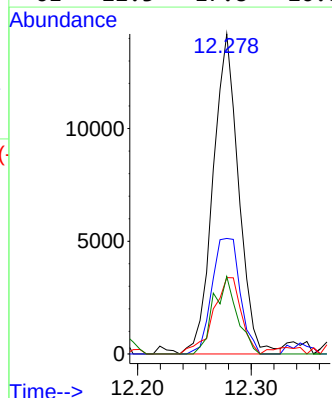
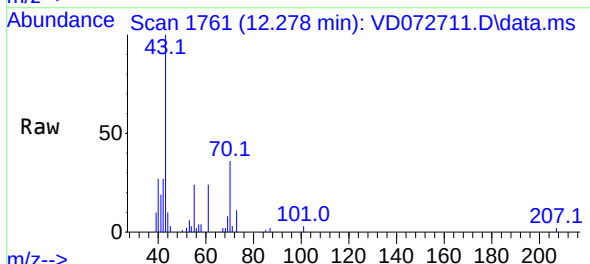
Manual Integrations
APPROVED

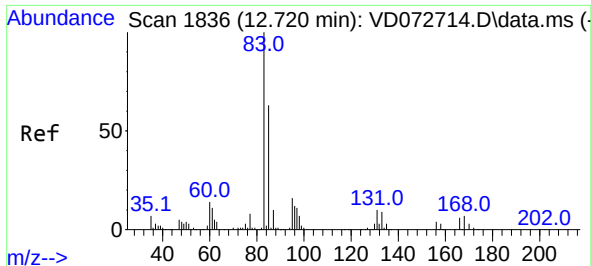
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#74
N-amy1 acetate
Concen: 5.031 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

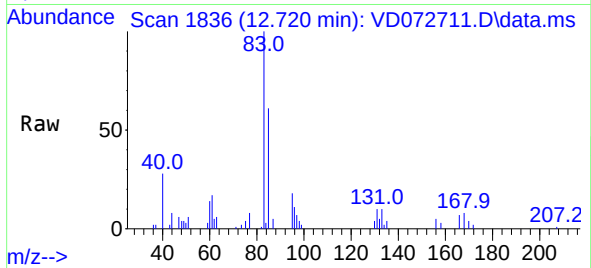
Tgt Ion: 43 Resp: 22253
Ion Ratio Lower Upper
43 100
70 39.6 31.3 46.9
55 25.9 20.0 30.0
61 22.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.166 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

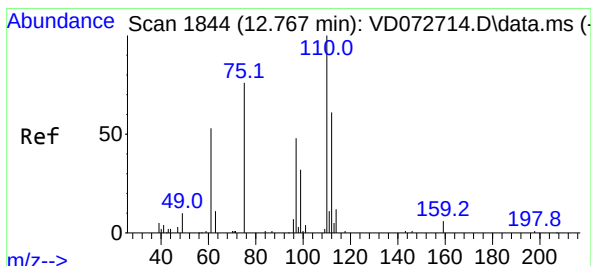
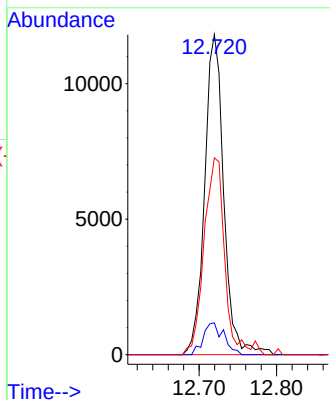
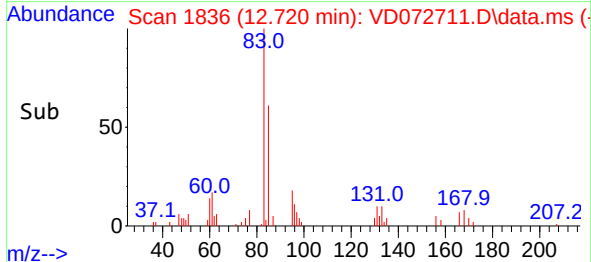
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



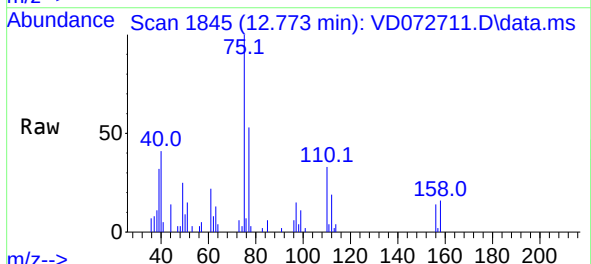
Tgt Ion: 83 Resp: 20270
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.5 32.6 98.0

Manual Integrations
APPROVED

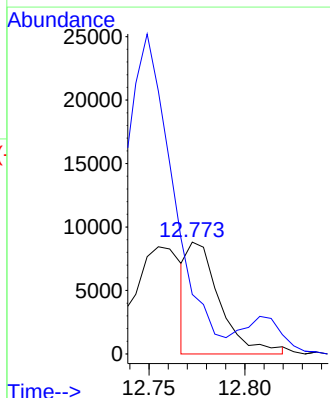
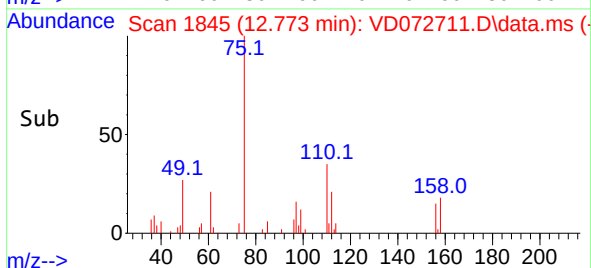
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

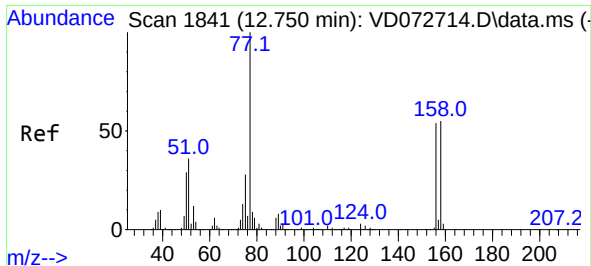


#76
1,2,3-Trichloropropane
Concen: 3.638 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



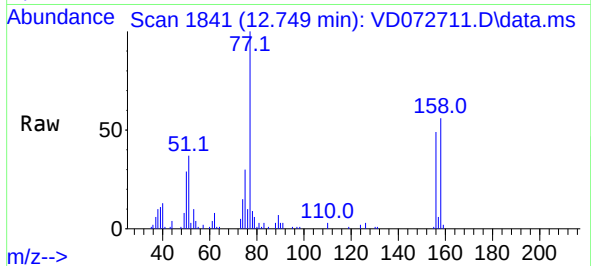
Tgt Ion: 75 Resp: 10311
Ion Ratio Lower Upper
75 100
77 439.0 0.0 0.0#





#77
Bromobenzene
Concen: 4.871 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

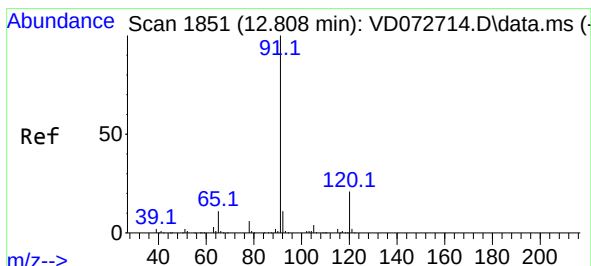
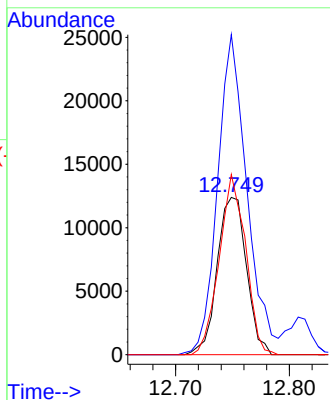
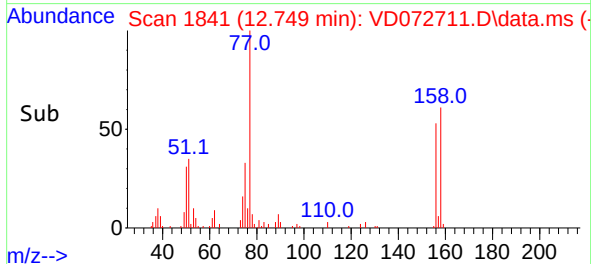
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



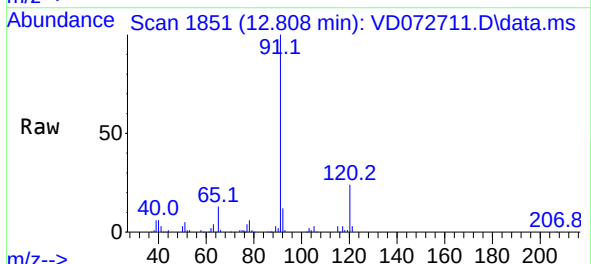
Tgt Ion:156 Resp: 2225
Ion Ratio Lower Upper
156 100
77 203.4 102.8 308.3
158 103.3 48.7 146.1

Manual Integrations
APPROVED

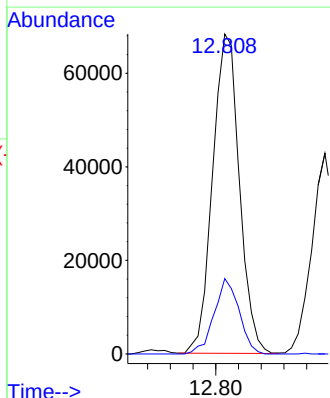
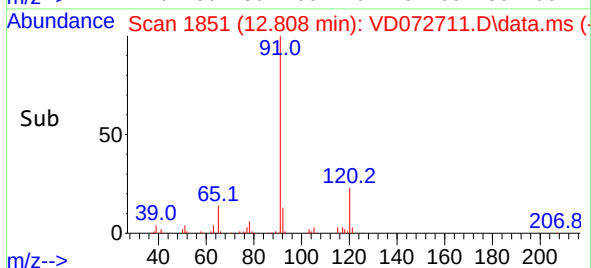
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

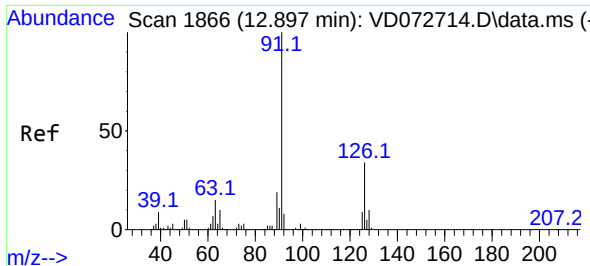


#78
n-propylbenzene
Concen: 4.590 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion: 91 Resp: 111794
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





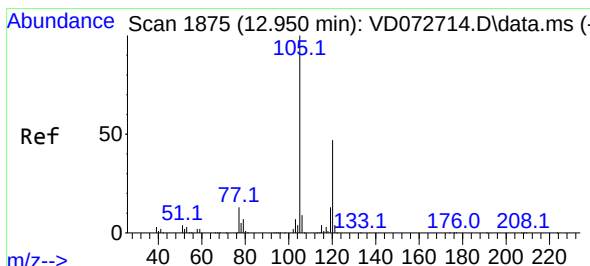
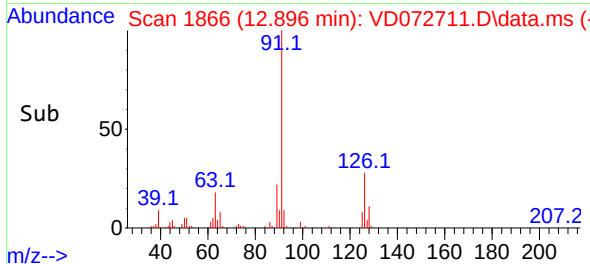
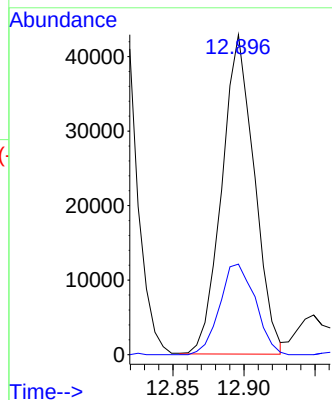
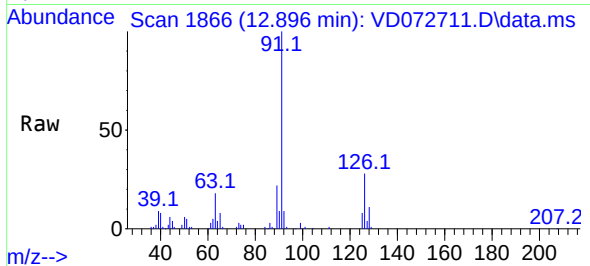
#79
2-Chlorotoluene
Concen: 4.782 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 68210
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.6

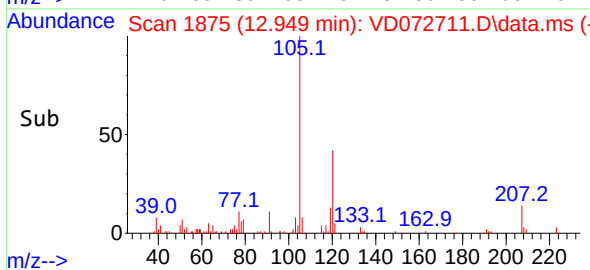
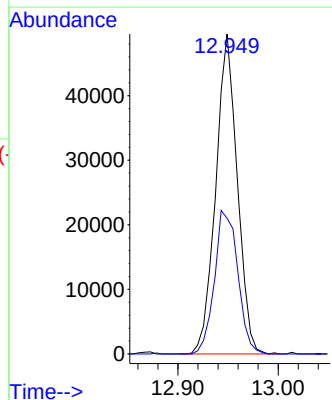
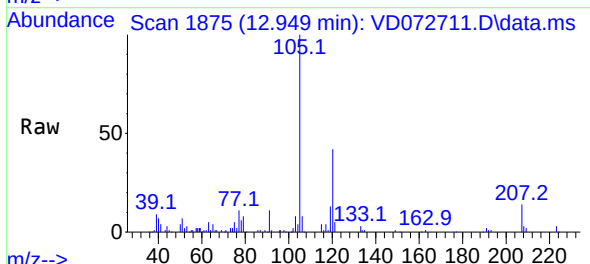
Manual Integrations
APPROVED

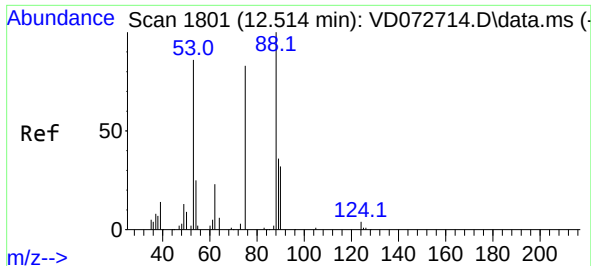
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.285 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

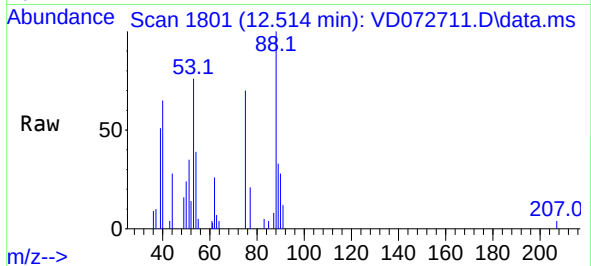
Tgt Ion:105 Resp: 73933
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 5.120 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

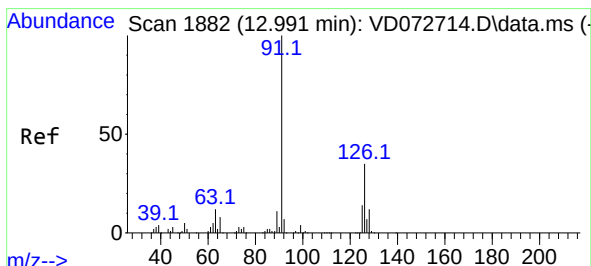
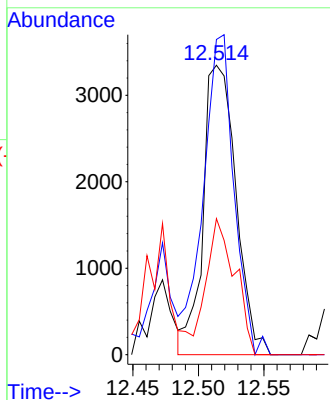
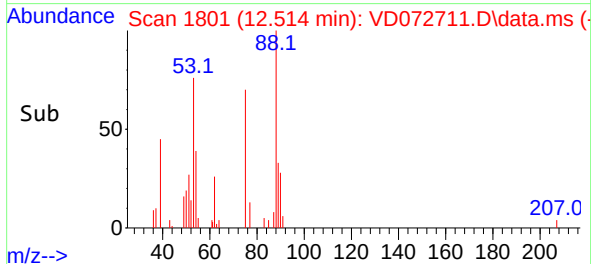
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 584
Ion Ratio Lower Upper
75 100
53 103.5 86.5 129.7
89 40.3 33.9 50.9

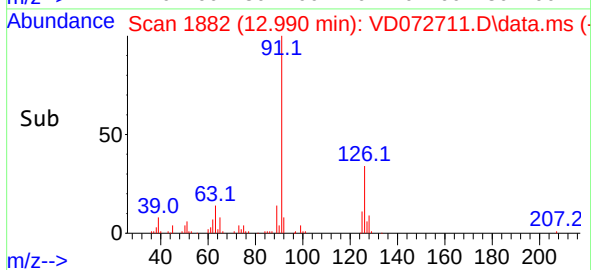
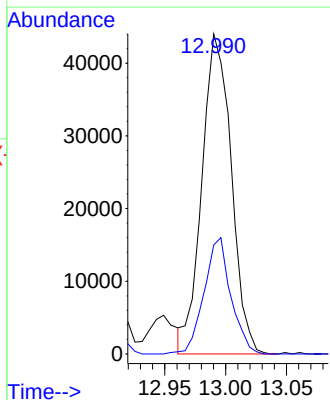
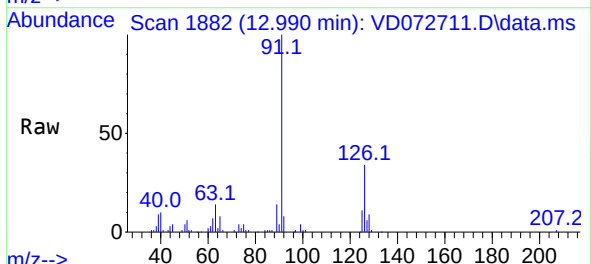
Manual Integrations
APPROVED

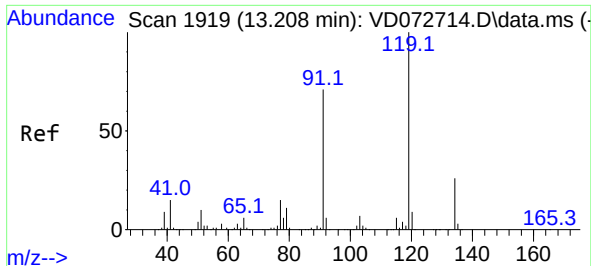
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#82
4-Chlorotoluene
Concen: 4.938 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 91 Resp: 73781
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





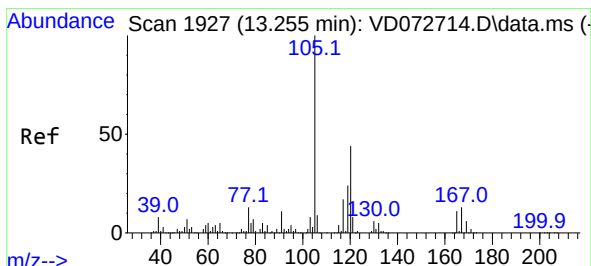
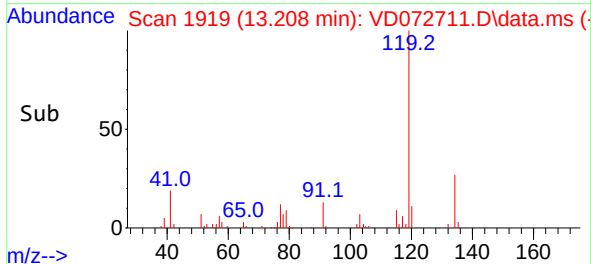
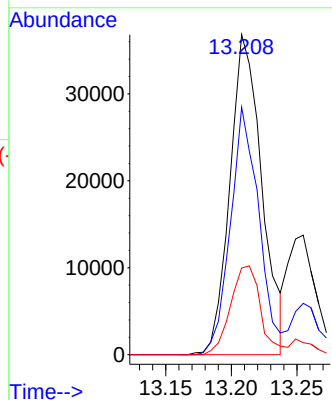
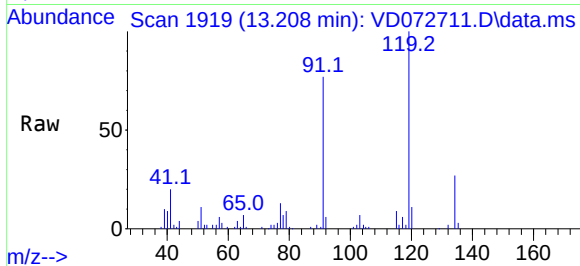
#83
tert-Butylbenzene
Concen: 4.201 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 62349
Ion Ratio Lower Upper
119 100
91 68.9 34.8 104.5
134 26.4 13.3 39.9

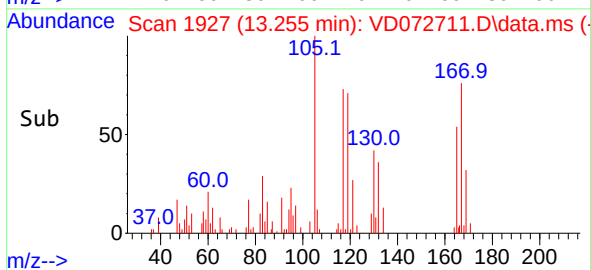
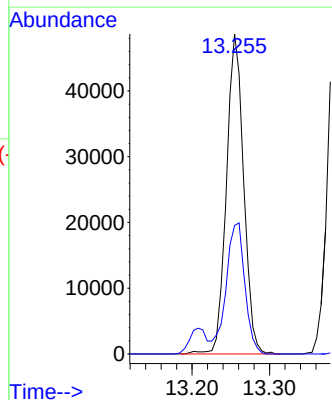
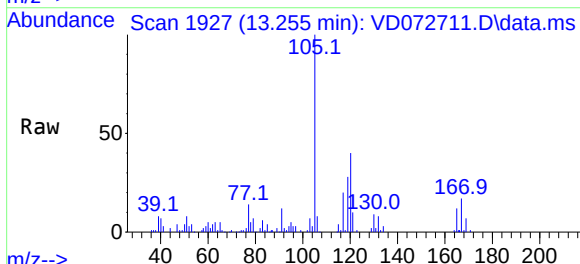
Manual Integrations
APPROVED

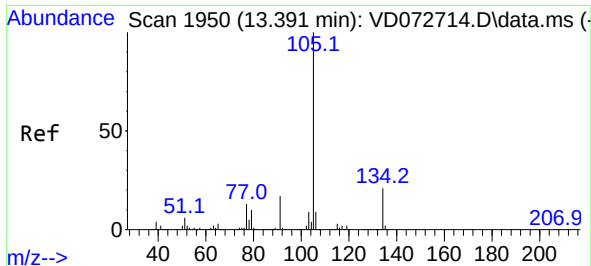
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.433 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:105 Resp: 75115
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 4.421 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

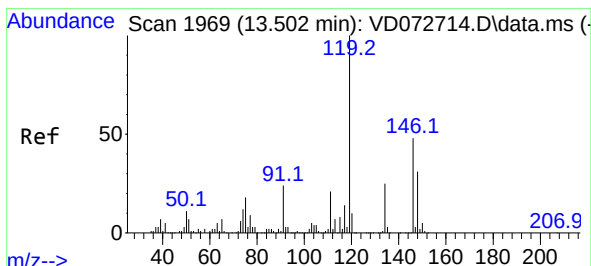
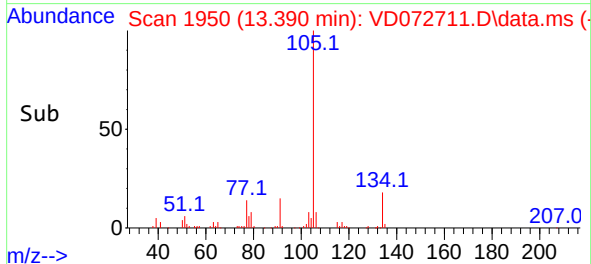
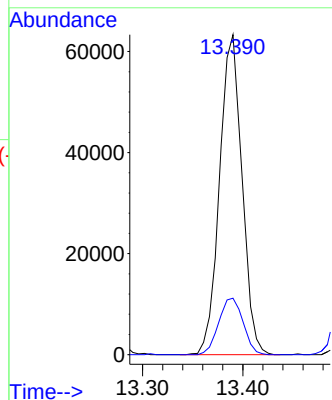
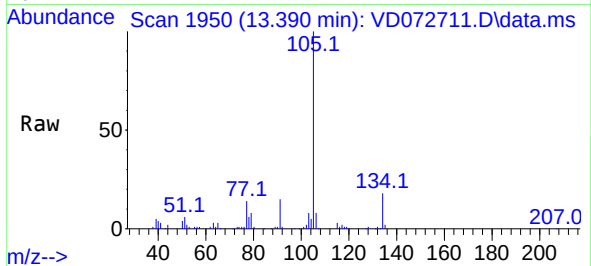
VSTDIC005

Tgt Ion:105 Resp: 98450
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations

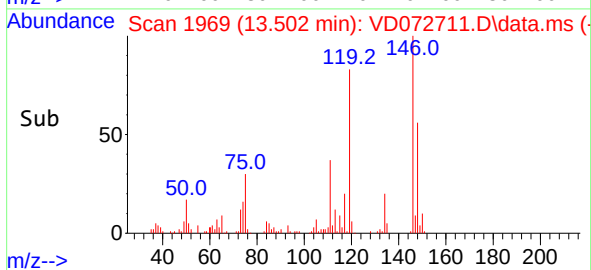
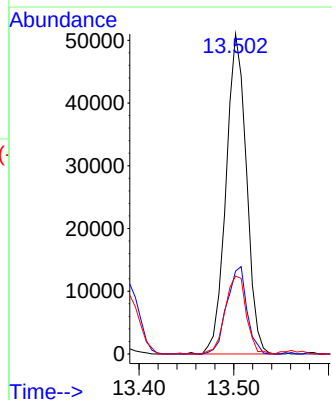
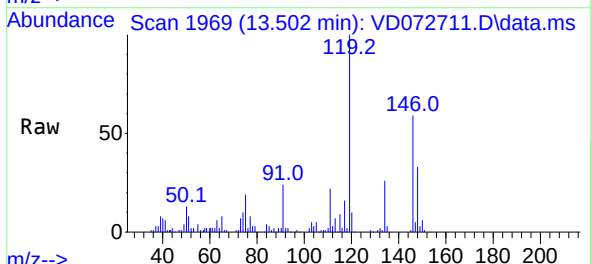
APPROVED

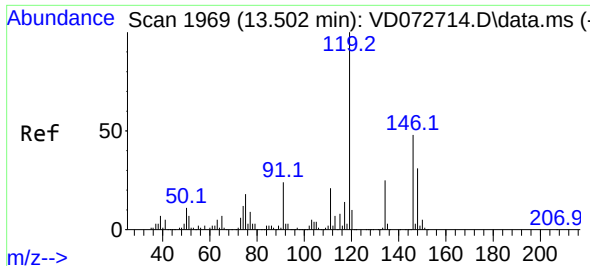
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#86
 p-Isopropyltoluene
 Concen: 4.173 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.001 min
 Lab File: VD072711.D
 Acq: 27 Apr 2022 12:04

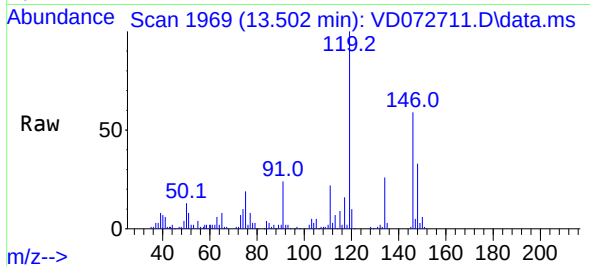
Tgt Ion:119 Resp: 76232
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.6
 91 25.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 4.959 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

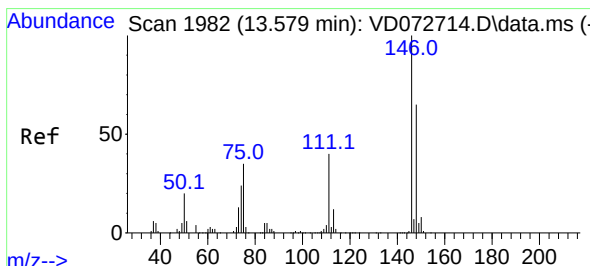
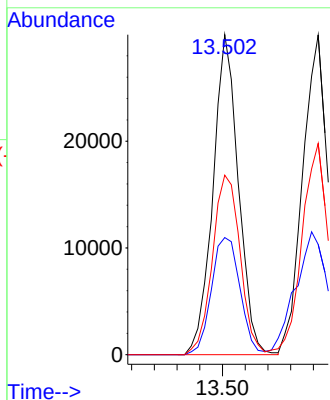
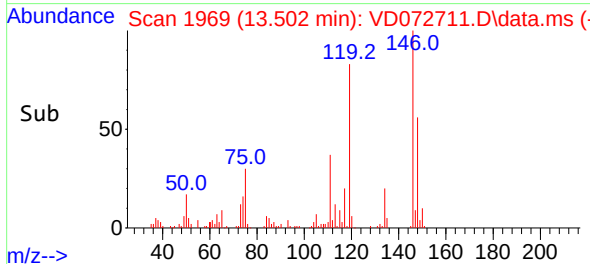
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



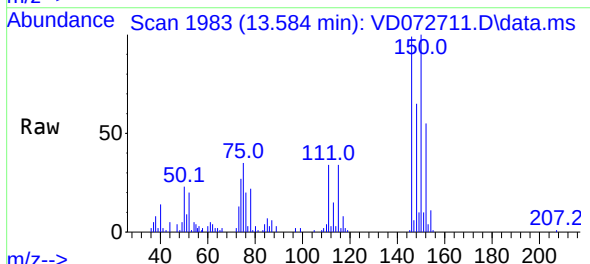
Tgt Ion:146 Resp: 46708
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 61.0 31.9 95.7

Manual Integrations
APPROVED

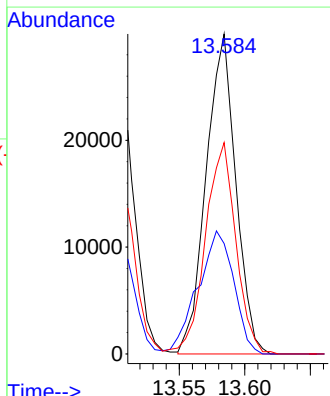
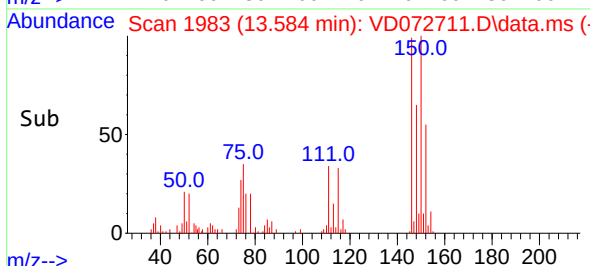
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

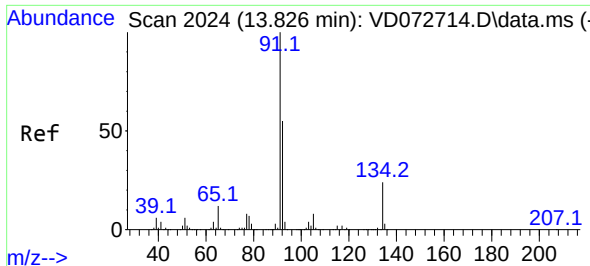


#88
1,4-Dichlorobenzene
Concen: 4.960 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion:146 Resp: 47069
Ion Ratio Lower Upper
146 100
111 46.6 20.3 60.9
148 68.0 31.7 95.1





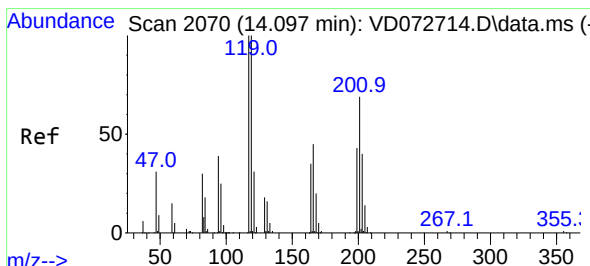
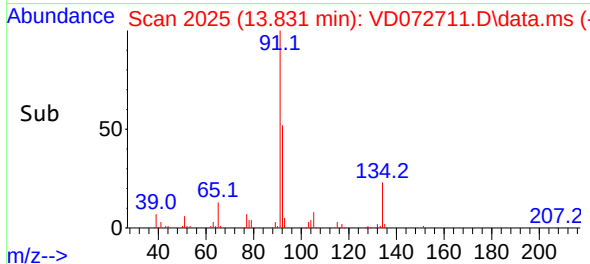
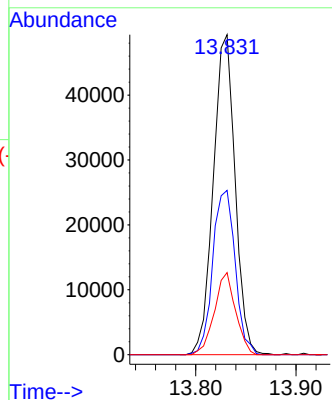
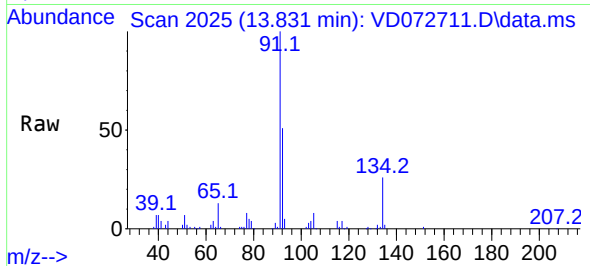
#89
n-Butylbenzene
Concen: 4.278 ug/l
RT: 13.831 min Scan# 2024
Delta R.T. 0.005 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 74514
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 25.0 12.3 36.9

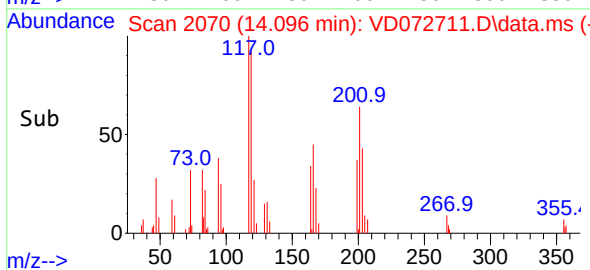
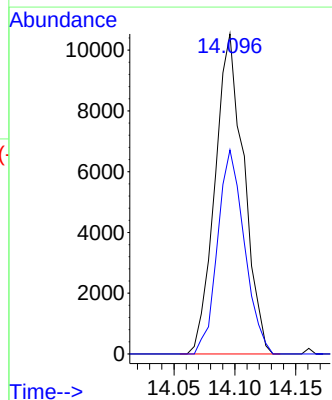
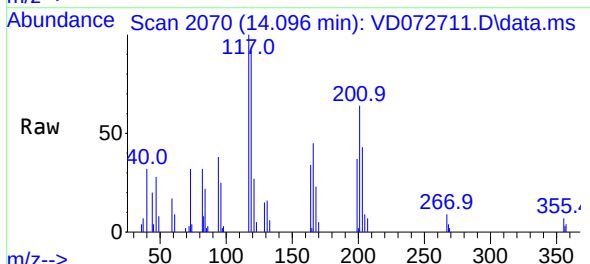
Manual Integrations
APPROVED

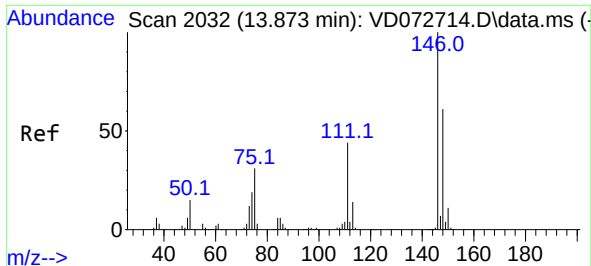
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#90
Hexachloroethane
Concen: 4.623 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:117 Resp: 17347
Ion Ratio Lower Upper
117 100
201 59.4 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 4.862 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 40299

Ion Ratio Lower Upper

146 100

111 43.4 21.1 63.3

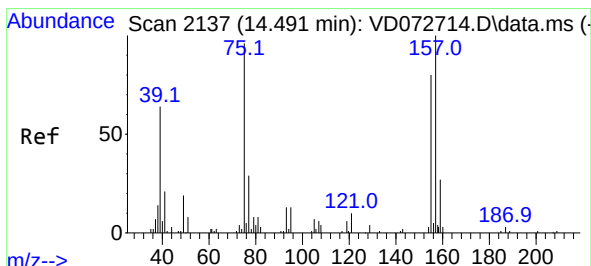
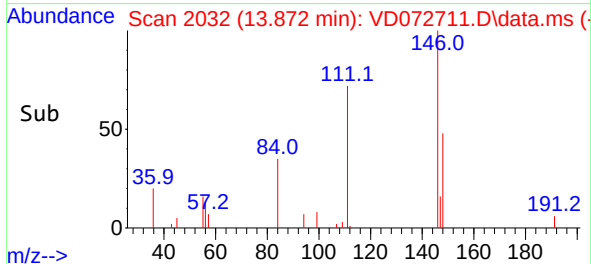
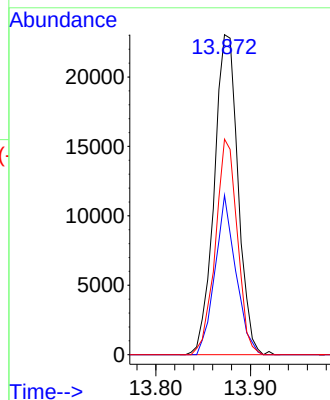
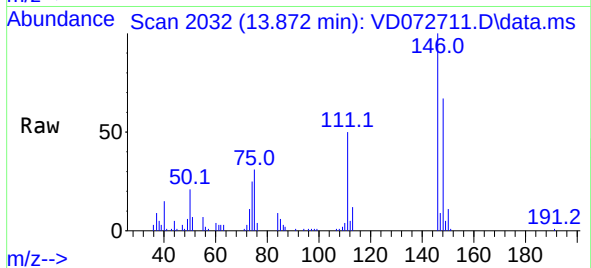
148 62.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.758 ug/l

RT: 14.496 min Scan# 2138

Delta R.T. 0.005 min

Lab File: VD072711.D

Acq: 27 Apr 2022 12:04

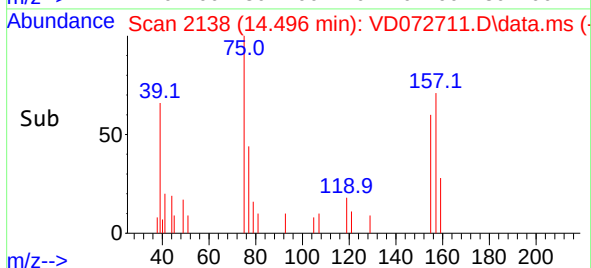
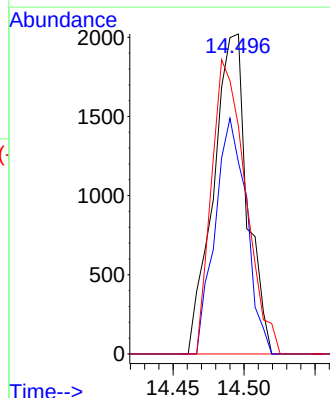
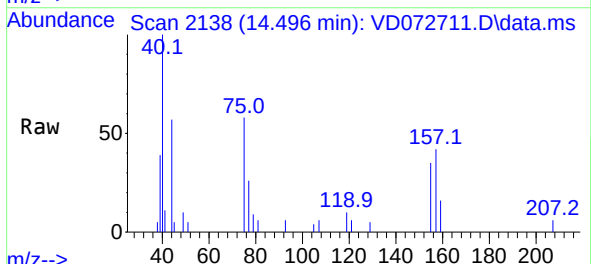
Tgt Ion: 75 Resp: 3364

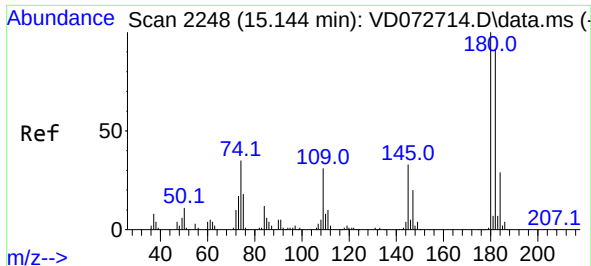
Ion Ratio Lower Upper

75 100

155 68.1 36.8 110.3

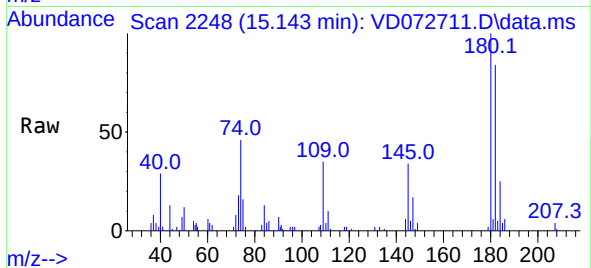
157 92.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 4.198 ug/l
RT: 15.143 min Scan# 21410
Delta R.T. -0.000 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

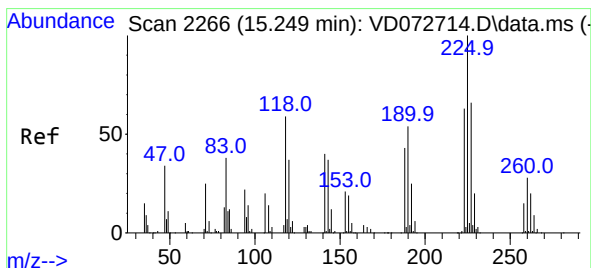
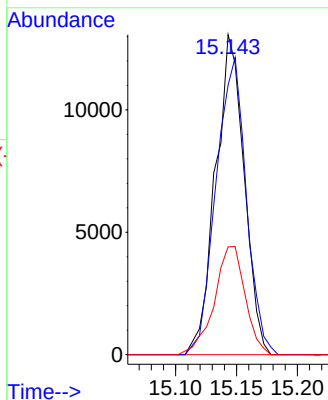
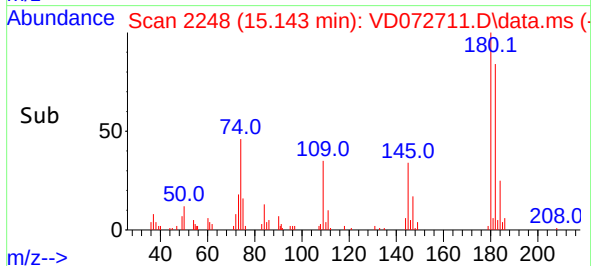
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



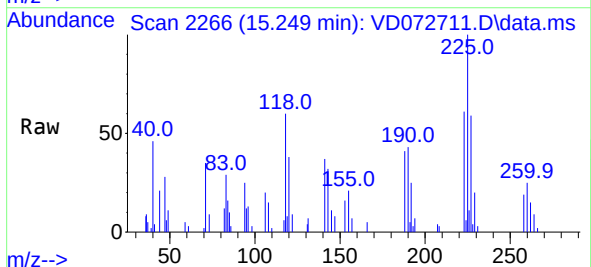
Tgt Ion:180 Resp: 21410
Ion Ratio Lower Upper
180 100
182 97.9 47.3 142.0
145 36.5 16.2 48.5

Manual Integrations
APPROVED

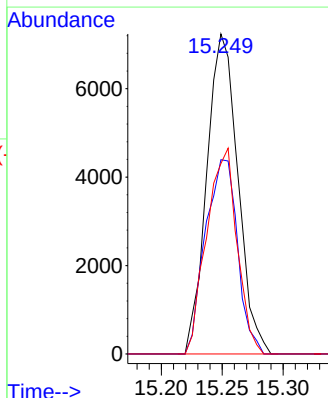
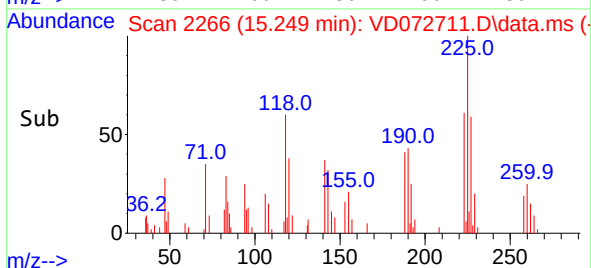
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

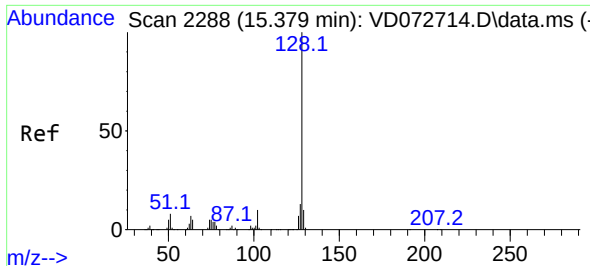


#94
Hexachlorobutadiene
Concen: 4.545 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04



Tgt Ion:225 Resp: 12856
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 62.8 32.4 97.0





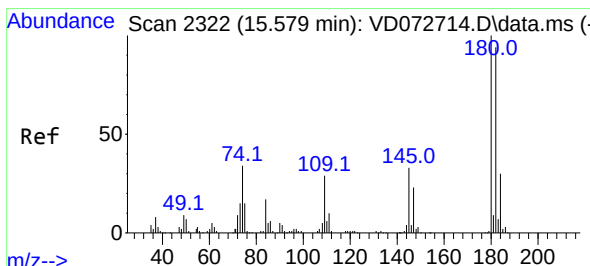
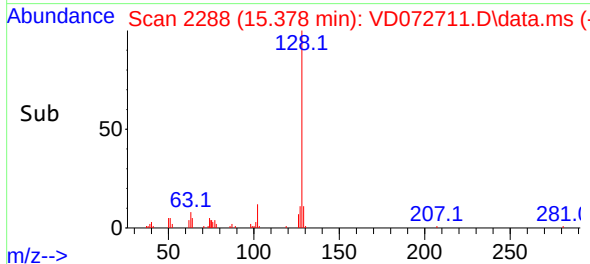
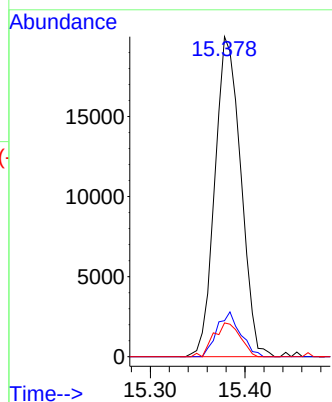
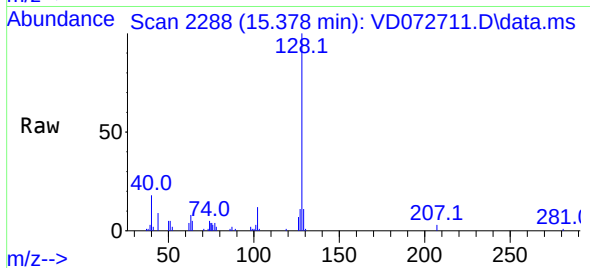
#95
Naphthalene
Concen: 3.810 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 3798
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.424 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072711.D
Acq: 27 Apr 2022 12:04

Tgt Ion:180 Resp: 19735
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.6 17.1 51.3

