

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022737.D
 Acq On : 11 Oct 2021 18:16
 Operator : SY/MD
 Sample : M4109-14MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32028	4.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.564	69	33383	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.104	63	70199	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.912	46	77828	39.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.120%
24) Chloroform-d	4.349	84	78375	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	37152	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.050	84	148950	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	47004	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.316	98	142234	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	15318	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.095	63	77352	58.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34979	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57551	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41328	5.134	ug/L	99
3) Chloromethane	1.240	50	45956	5.680	ug/L	99
5) Vinyl chloride	1.307	62	44900	5.371	ug/L	98
6) Bromomethane	1.519	94	29622	5.684	ug/L	95
8) Chloroethane	1.584	64	29357	5.676	ug/L	100
9) Trichlorofluoromethane	1.751	101	65906	5.382	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39010	5.477	ug/L	100
12) 1,1-Dichloroethene	2.114	96	38291	5.739	ug/L	81
13) Acetone	2.436	43	11261	10.135	ug/L	91
14) Carbon disulfide	2.288	76	96326	5.137	ug/L	99
15) Methyl Acetate	2.436	43	14982	4.713	ug/L	91
16) Methylene chloride	2.500	84	41727	4.544	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	79929	4.951	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	38664	5.329	ug/L	97
19) 1,1-Dichloroethane	3.185	63	69472	5.316	ug/L	97
21) 2-Butanone	3.995	43	60800	33.420	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	39014	5.121	ug/L	94
23) Bromochloromethane	4.252	128	18886	5.580	ug/L	93
25) Chloroform	4.375	83	80810	5.334	ug/L	99

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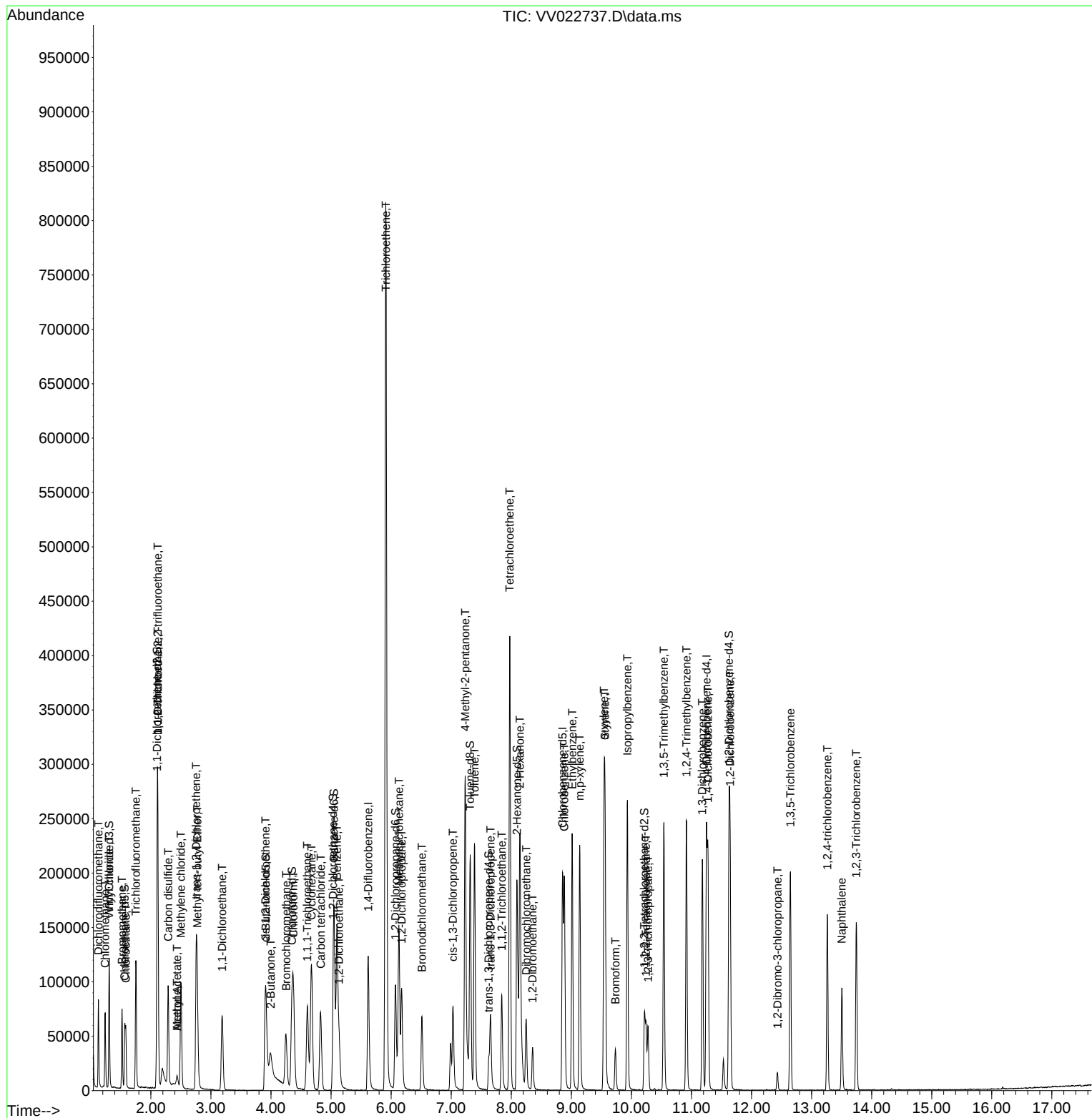
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	38819	5.134	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	61951	4.834	ug/L	98
30) Cyclohexane	4.674	56	58411	4.940	ug/L	97
31) Carbon tetrachloride	4.828	117	55202	4.963	ug/L	100
33) Benzene	5.098	78	153592	5.082	ug/L	100
34) Trichloroethene	5.911	95	278752	33.917	ug/L	98
35) Methylcyclohexane	6.130	83	59023	5.126	ug/L	94
37) 1,2-Dichloropropane	6.175	63	36913	5.078	ug/L	99
38) Bromodichloromethane	6.513	83	46582	5.201	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	49176	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	217625	55.721	ug/L	97
42) Toluene	7.387	91	166301	5.420	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	41399	5.277	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28568	5.296	ug/L	99
47) Tetrachloroethene	7.976	164	96566	14.528	ug/L	98
48) 2-Hexanone	8.143	43	162667	56.962	ug/L	98
49) Dibromochloromethane	8.249	129	33924	5.373	ug/L	89
50) 1,2-Dibromoethane	8.355	107	26664	5.294	ug/L	96
51) Chlorobenzene	8.882	112	107843	5.349	ug/L	99
52) Ethylbenzene	9.014	91	164016	5.265	ug/L	98
53) m,p-xylene	9.140	106	65645	5.370	ug/L	98
54) o-xylene	9.545	106	61568	5.353	ug/L	99
55) Styrene	9.561	104	111395	5.621	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	28753	5.269	ug/L	94
59) Bromoform	9.734	173	17724	4.934	ug/L	98
60) Isopropylbenzene	9.934	105	169395	5.200	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	23513	5.277	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	131450	4.994	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	136316	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	88253	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	89331	5.146	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	83453	5.204	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	3850	4.747	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	65645	5.097	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	48812	4.961	ug/L	98
71) Naphthalene	13.503	128	75249	4.812	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	46618	5.025	ug/L	98

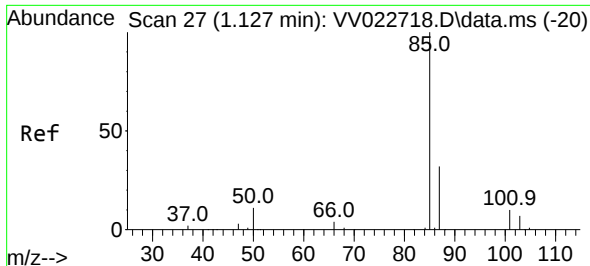
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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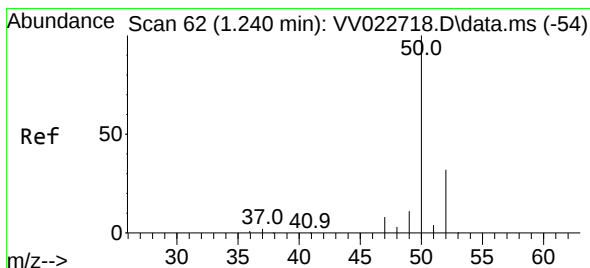
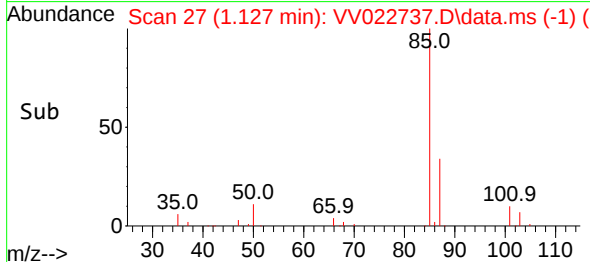
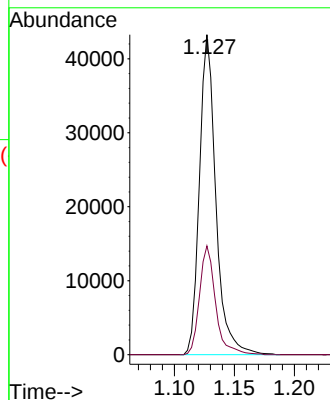
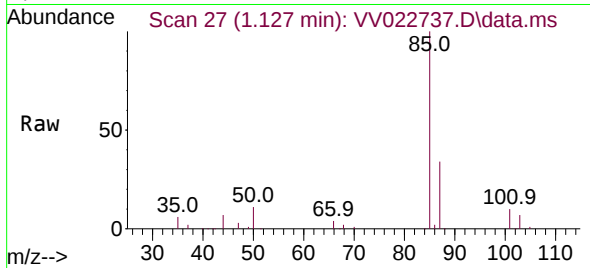




#2
 Dichlorodifluoromethane
 Concen: 5.134 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

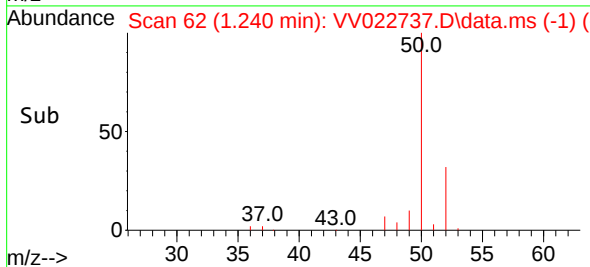
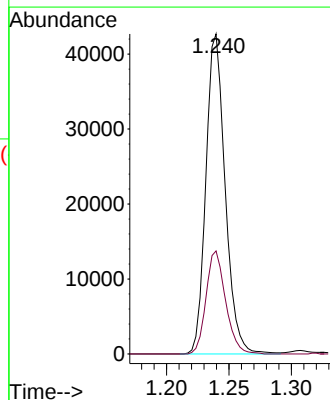
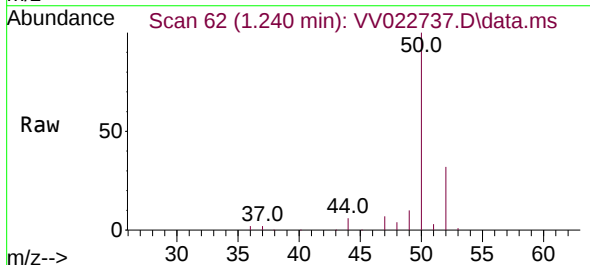
Instrument :
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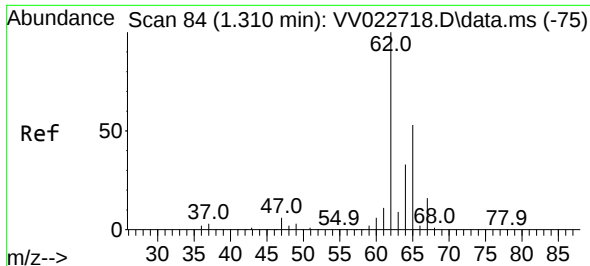
Tgt Ion: 85 Resp: 41328
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.3 39.5



#3
 Chloromethane
 Concen: 5.680 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 50 Resp: 45956
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.9 42.5

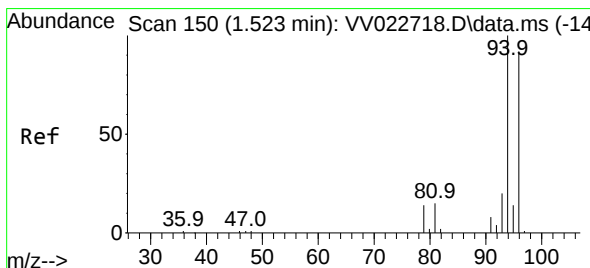
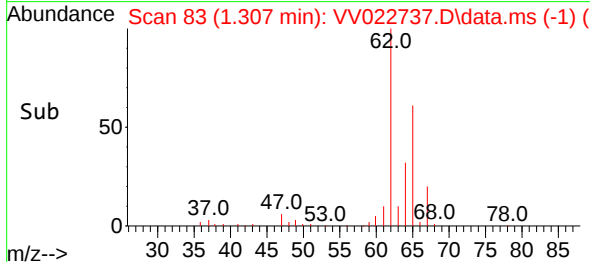
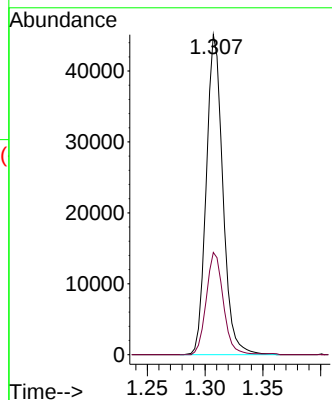
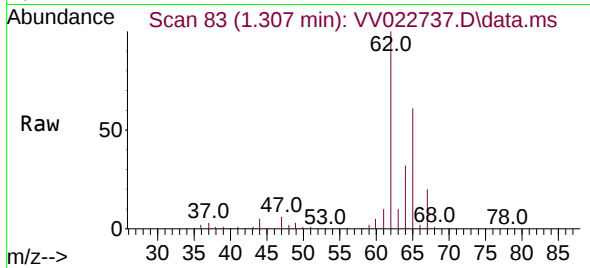




#5
 Vinyl chloride
 Concen: 5.371 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

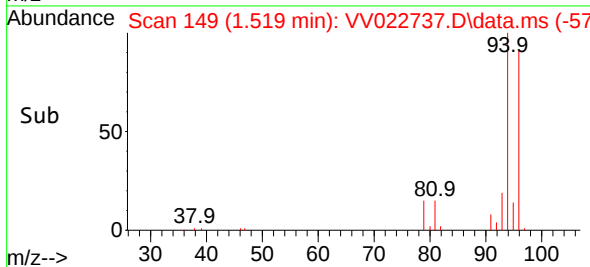
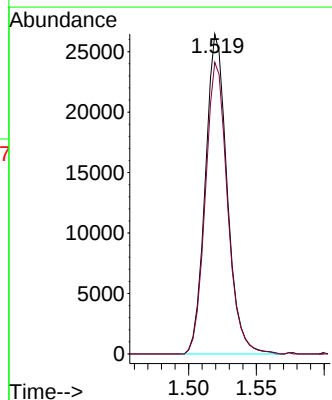
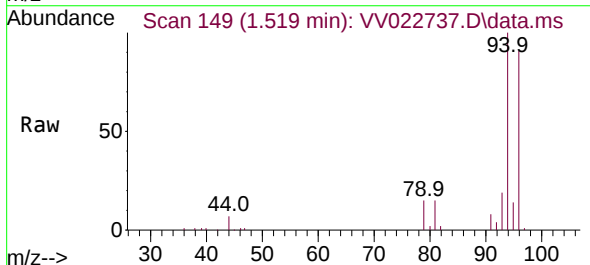
Instrument :
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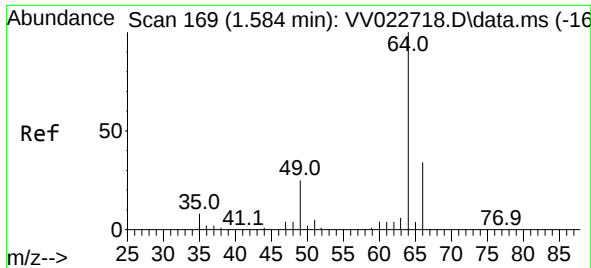
Tgt Ion: 62 Resp: 44900
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.8



#6
 Bromomethane
 Concen: 5.684 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 94 Resp: 29622
 Ion Ratio Lower Upper
 94 100
 96 91.1 67.2 124.8

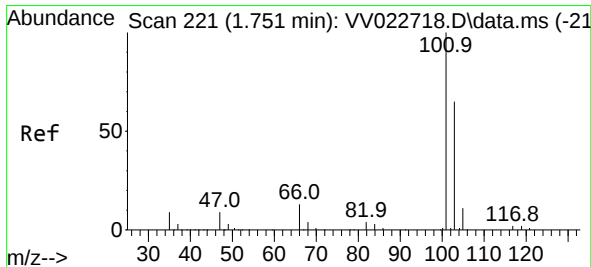
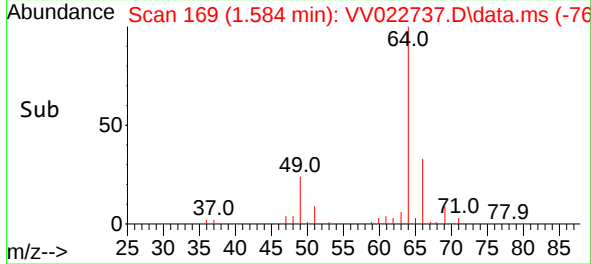
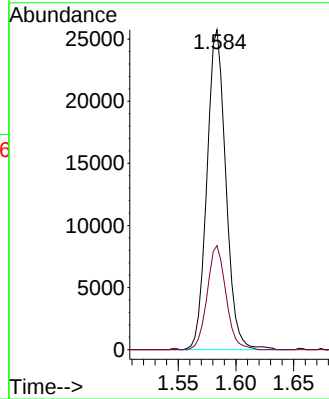
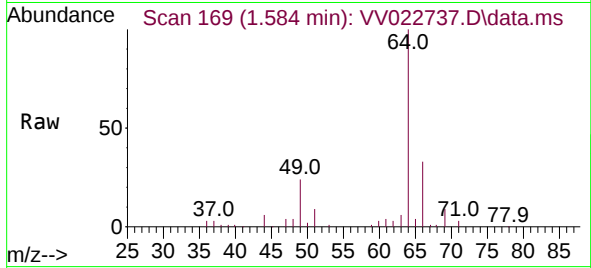




#8
Chloroethane
Concen: 5.676 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

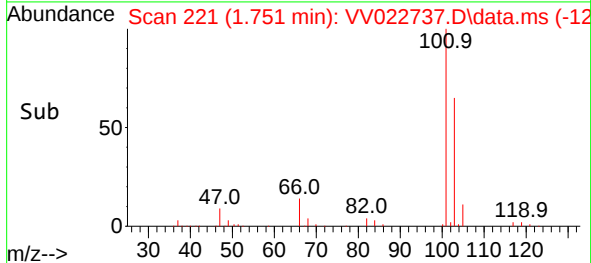
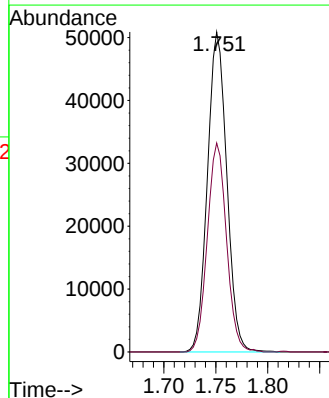
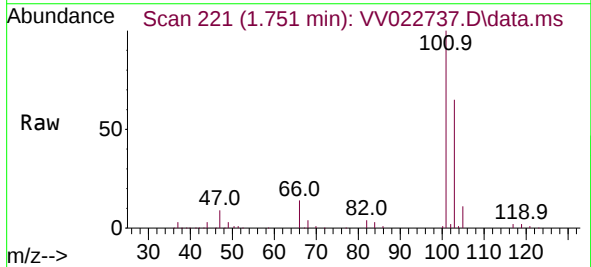
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MSVOA_V
ClientSampleId :

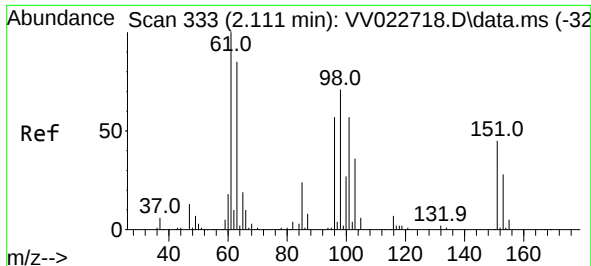
Tgt Ion: 64 Resp: 29357
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.382 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:101 Resp: 65906
Ion Ratio Lower Upper
101 100
103 64.6 50.3 75.5

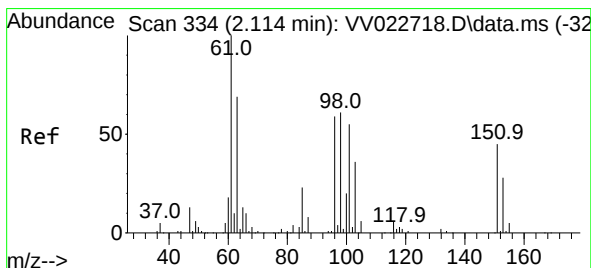
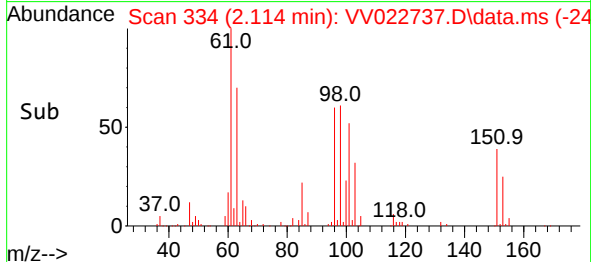
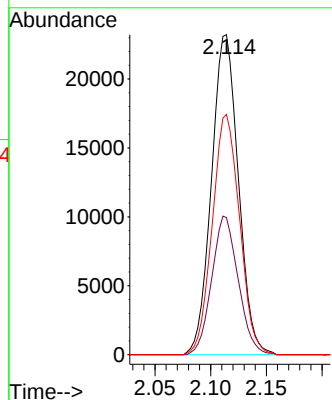
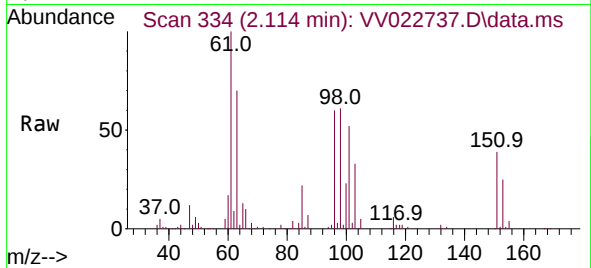




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.477 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

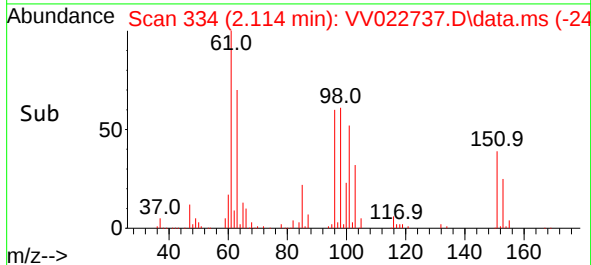
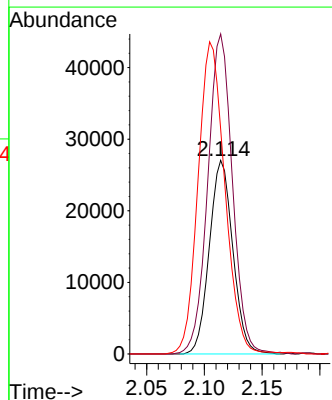
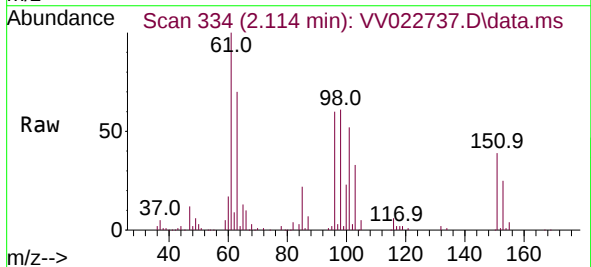
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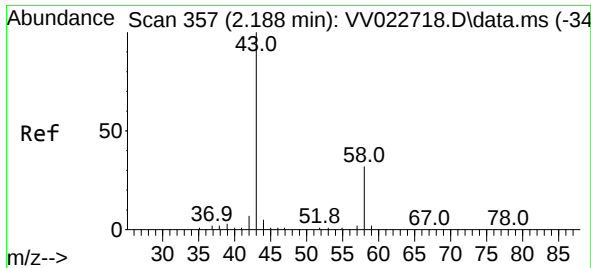
Tgt Ion:101 Resp: 39010
Ion Ratio Lower Upper
101 100
85 42.6 34.6 52.0
151 76.2 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.739 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 96 Resp: 38291
Ion Ratio Lower Upper
96 100
61 165.3 127.3 236.5
63 116.1 106.2 197.2

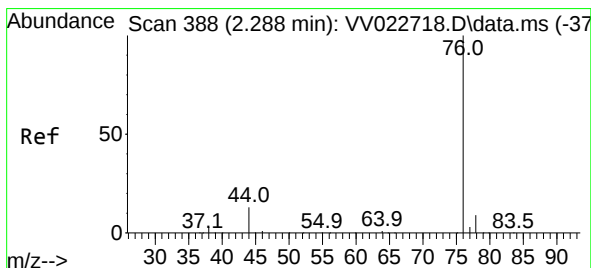
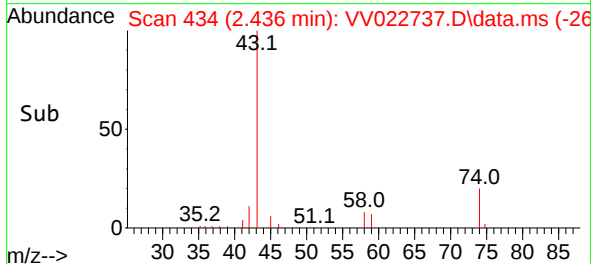
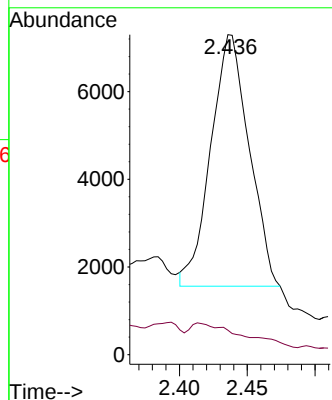
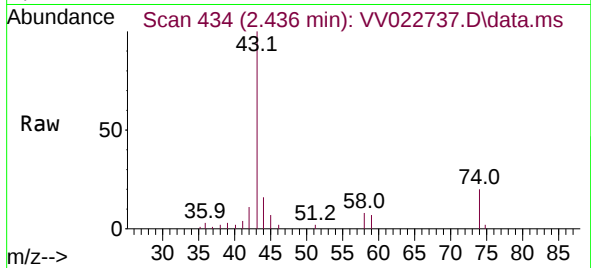




#13
Acetone
Concen: 10.135 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.248 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

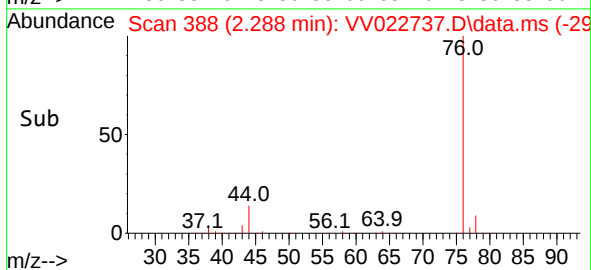
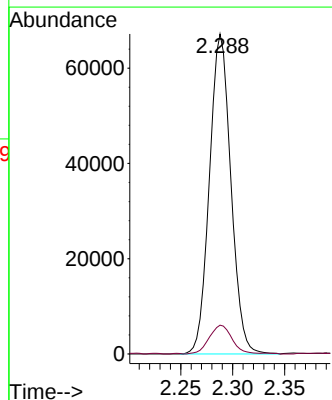
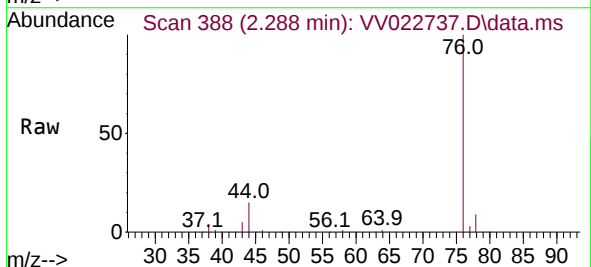
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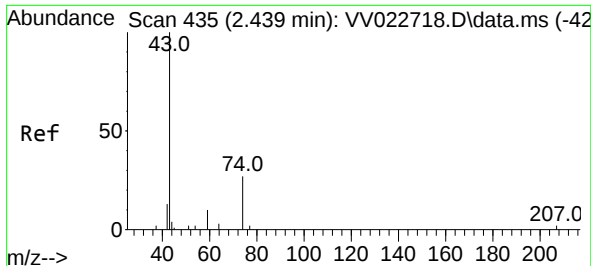
Tgt Ion: 43 Resp: 11261
Ion Ratio Lower Upper
43 100
58 8.6 0.0 24.2



#14
Carbon disulfide
Concen: 5.137 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 96326
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

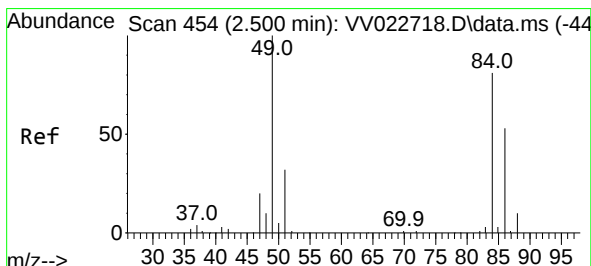
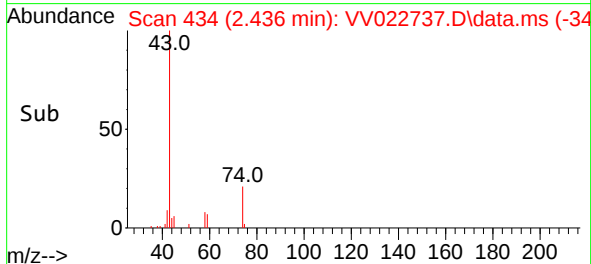
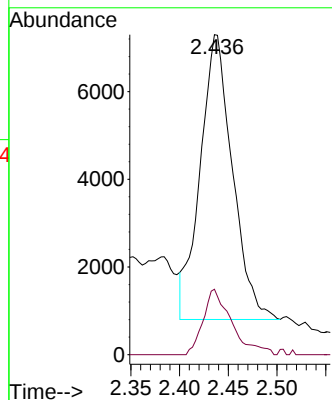
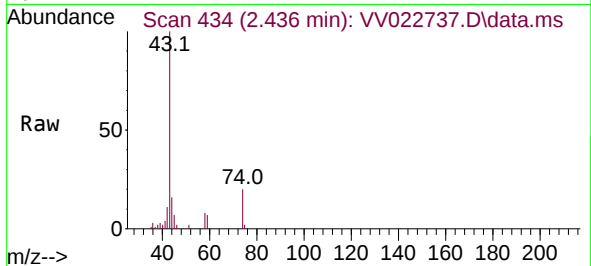




#15
Methyl Acetate
Concen: 4.713 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

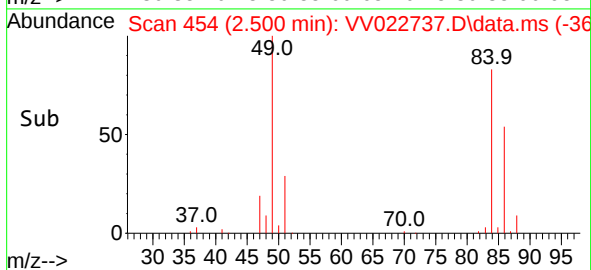
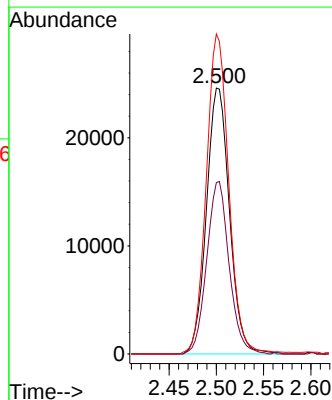
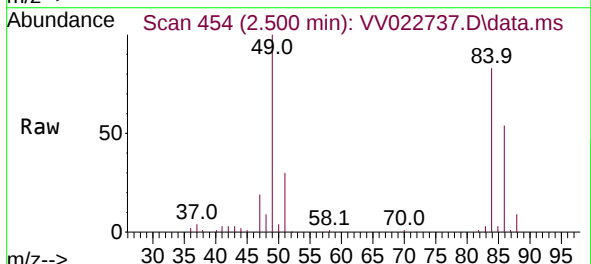
Instrument :
MSVOA_V
ClientSampled :

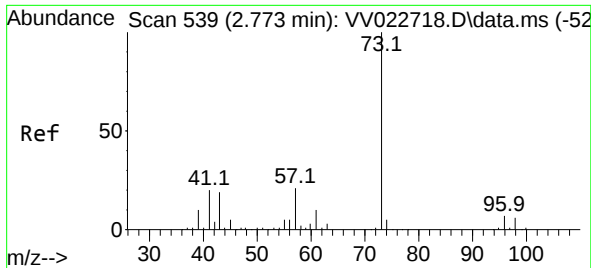
Tgt Ion: 43 Resp: 14982
Ion Ratio Lower Upper
43 100
74 20.3 19.9 29.9



#16
Methylene chloride
Concen: 4.544 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 84 Resp: 41727
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 120.3 90.3 167.7

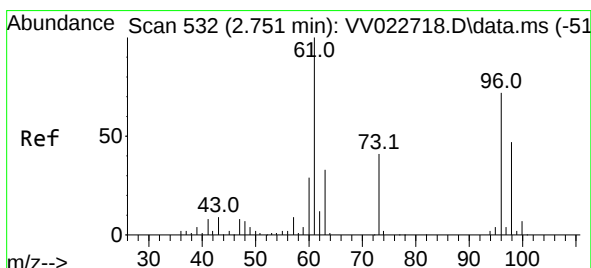
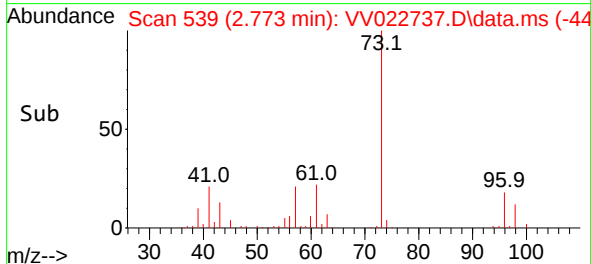
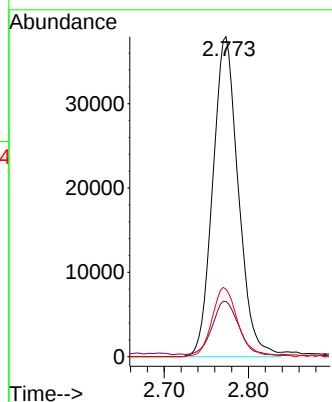
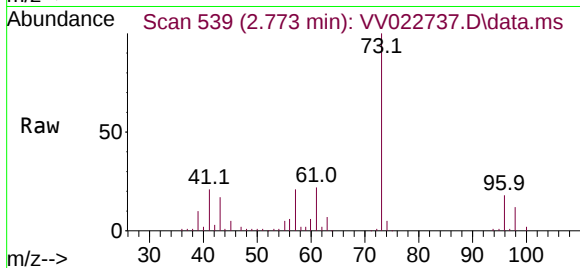




#17
Methyl tert-butyl Ether
Concen: 4.951 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

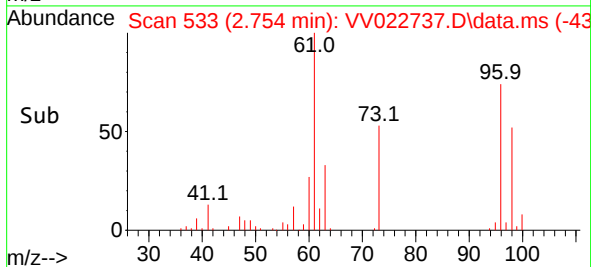
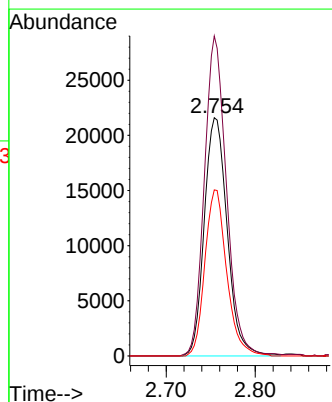
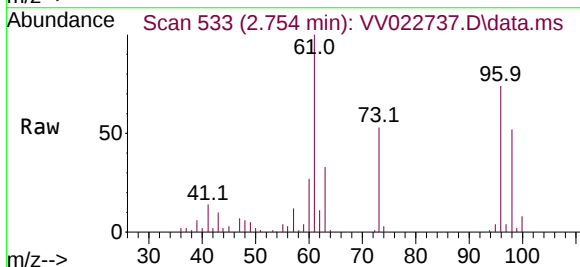
Instrument :
MSVOA_V
ClientSampled :

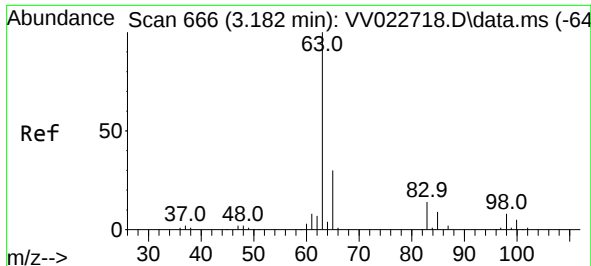
Tgt Ion:	73	Resp:	79929
Ion	Ratio	Lower	Upper
73	100		
43	17.2	17.1	25.7
57	21.6	17.2	25.8



#18
trans-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	96	Resp:	38664
Ion	Ratio	Lower	Upper
96	100		
61	134.3	94.5	175.5
98	69.7	44.2	82.0





#19

1,1-Dichloroethane

Concen: 5.316 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

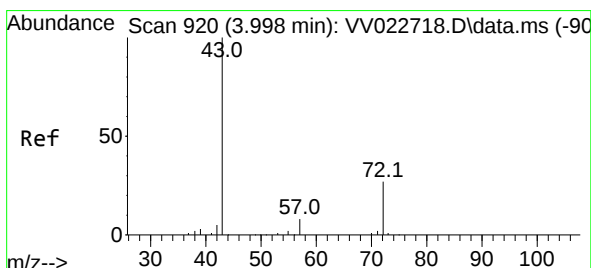
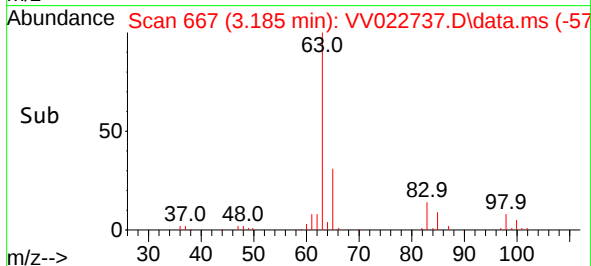
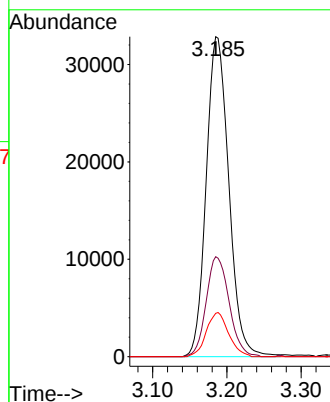
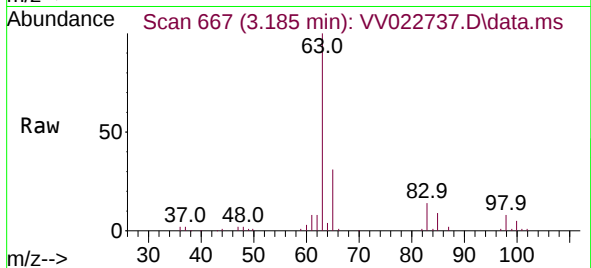
Tgt Ion: 63 Resp: 69472

Ion Ratio Lower Upper

63 100

65 31.3 23.5 43.7

83 13.6 10.1 18.7



#21

2-Butanone

Concen: 33.420 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.003 min

Lab File: VV022737.D

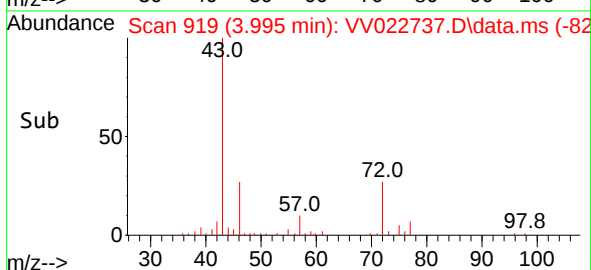
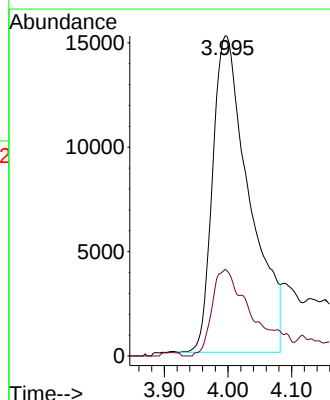
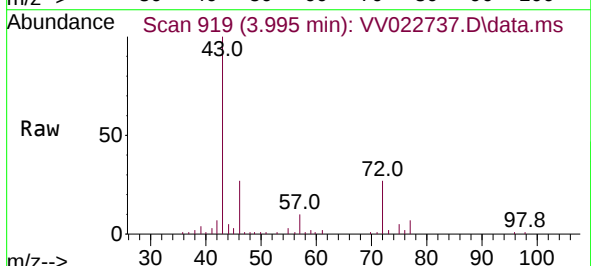
Acq: 11 Oct 2021 18:16

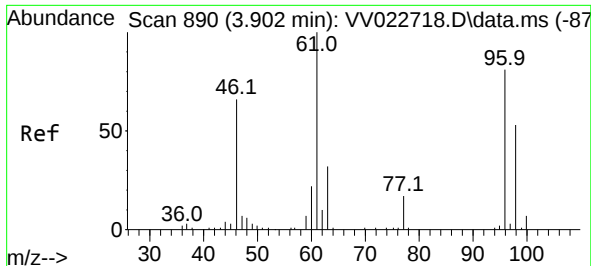
Tgt Ion: 43 Resp: 60800

Ion Ratio Lower Upper

43 100

72 30.7 12.3 36.8



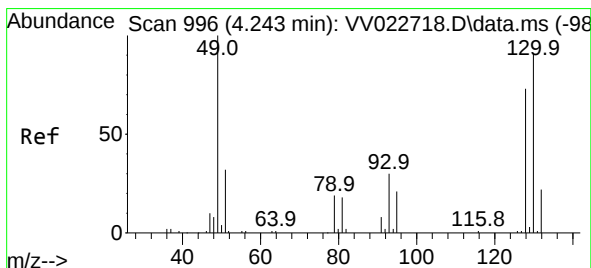
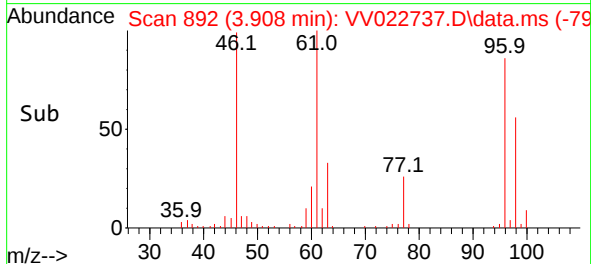
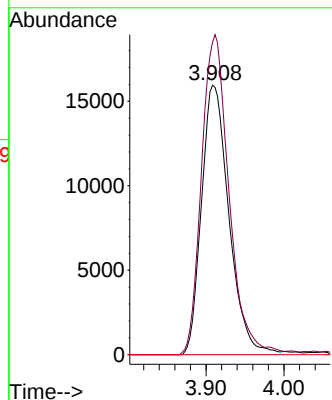
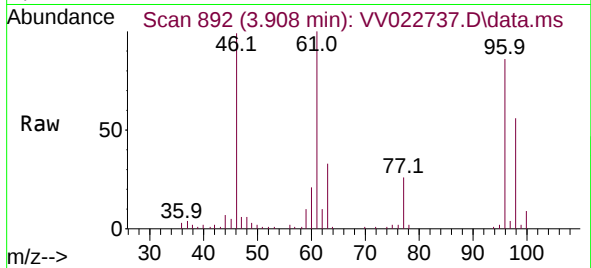


#22
 cis-1,2-Dichloroethene
 Concen: 5.121 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 39014

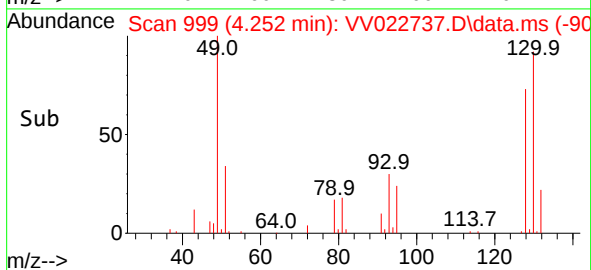
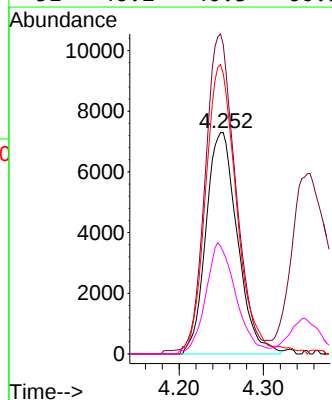
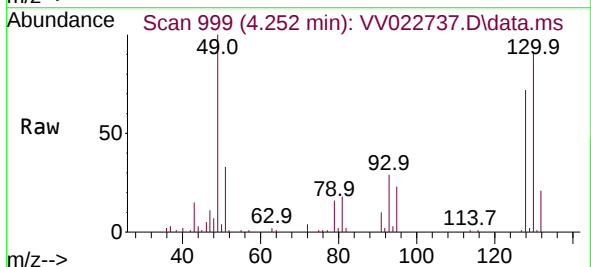
Ion	Ratio	Lower	Upper
96	100		
61	116.0	86.0	159.6
68	0.0	0.0	0.0

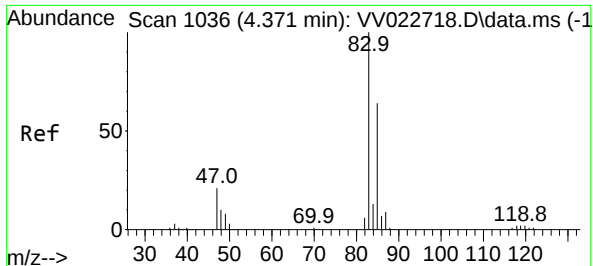


#23
 Bromochloromethane
 Concen: 5.580 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 128 Resp: 18886

Ion	Ratio	Lower	Upper
128	100		
49	139.7	106.9	198.5
130	126.6	91.9	170.7
51	46.2	40.3	60.5





#25

Chloroform

Concen: 5.334 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV022737.D

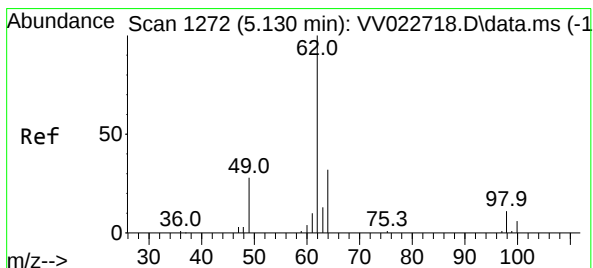
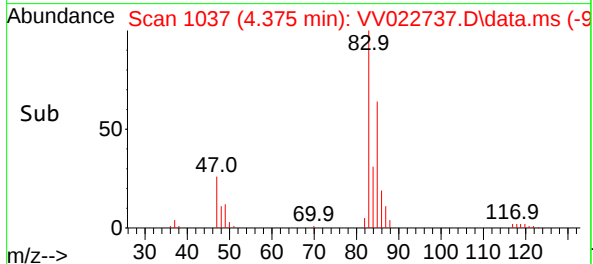
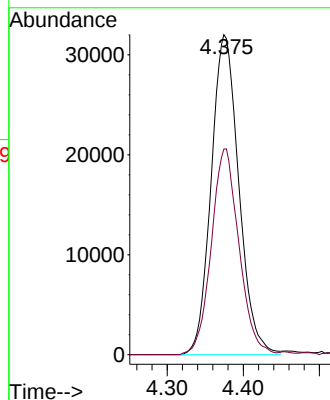
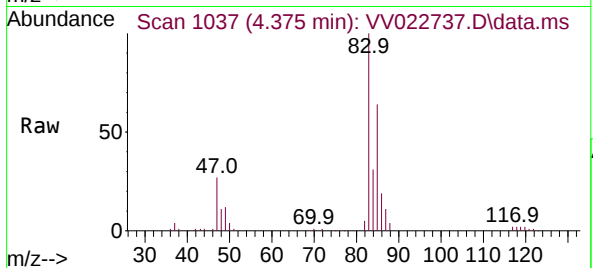
Acq: 11 Oct 2021 18:16

Tgt Ion: 83 Resp: 80810

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.134 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022737.D

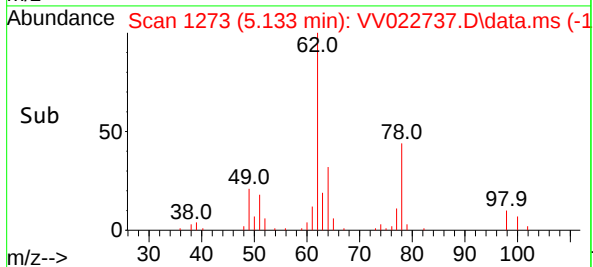
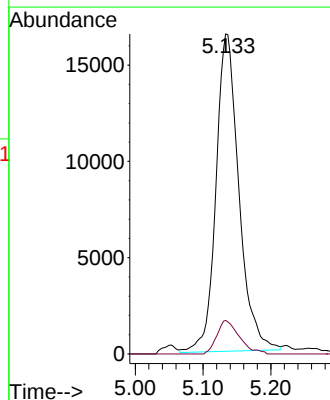
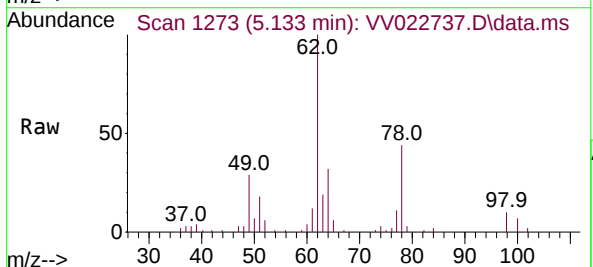
Acq: 11 Oct 2021 18:16

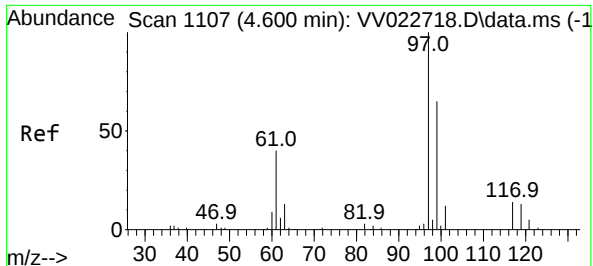
Tgt Ion: 62 Resp: 38819

Ion Ratio Lower Upper

62 100

98 10.5 9.7 14.5



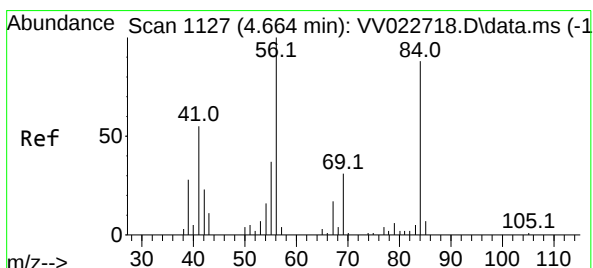
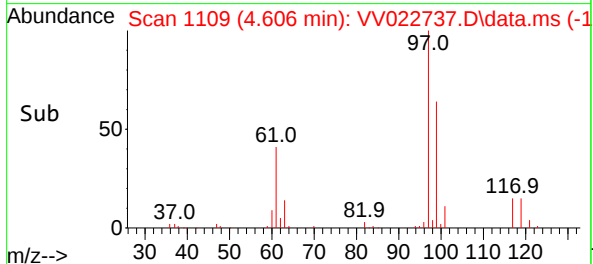
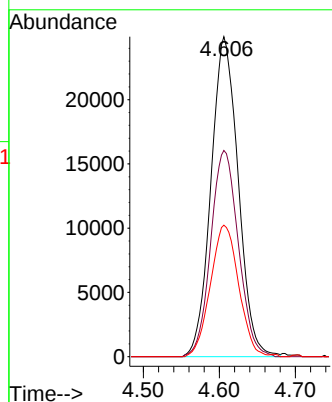
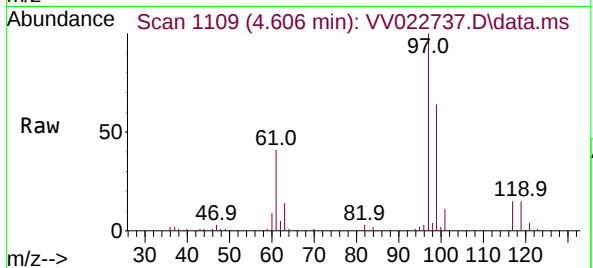


#29

1,1,1-Trichloroethane
Concen: 4.834 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :

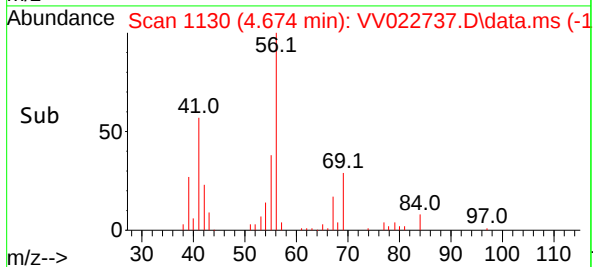
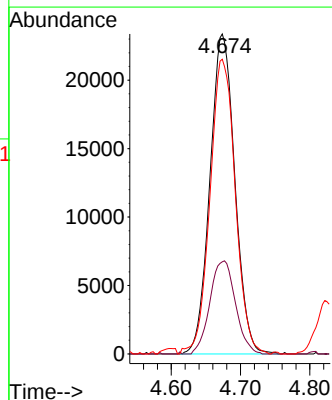
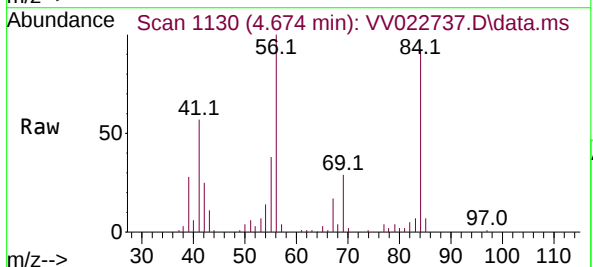
Tgt Ion:	97	Resp:	61951
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.2	76.8
61	42.6	33.2	49.8

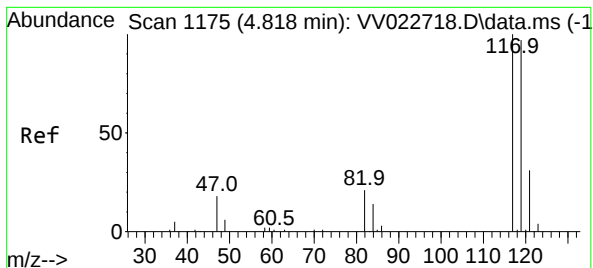


#30

Cyclohexane
Concen: 4.940 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	56	Resp:	58411
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.9	37.3
84	93.5	72.5	108.7





#31

Carbon tetrachloride

Concen: 4.963 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.010 min

Lab File: VV022737.D

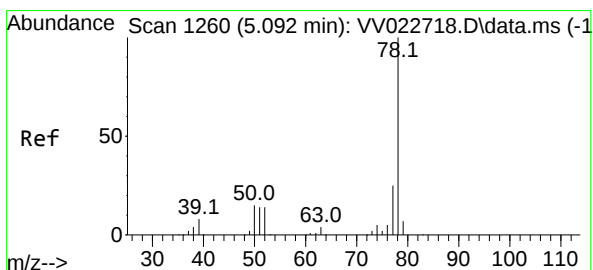
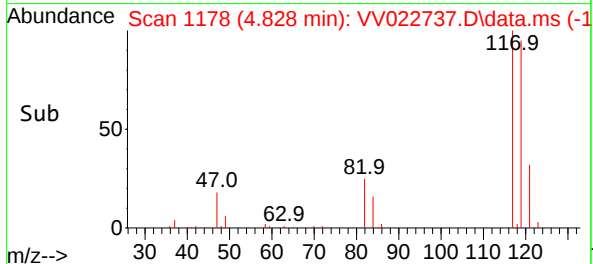
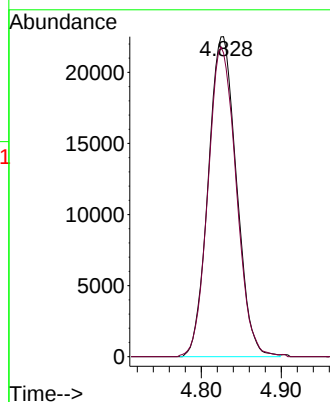
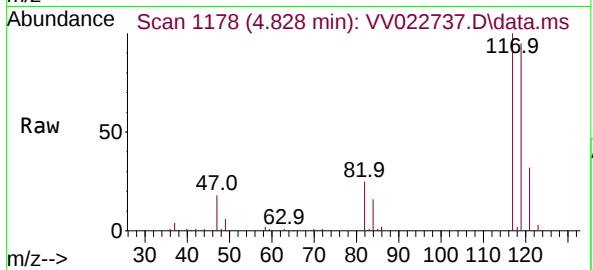
Acq: 11 Oct 2021 18:16

Tgt Ion:117 Resp: 55202

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0



#33

Benzene

Concen: 5.082 ug/L

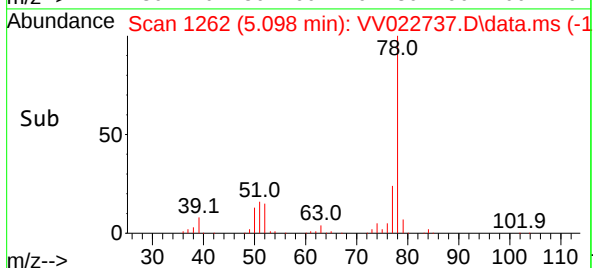
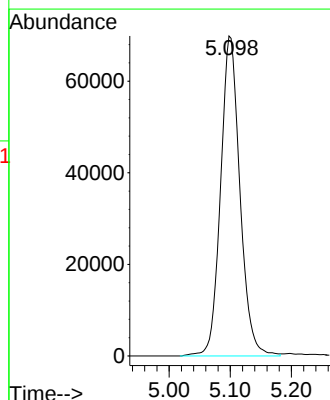
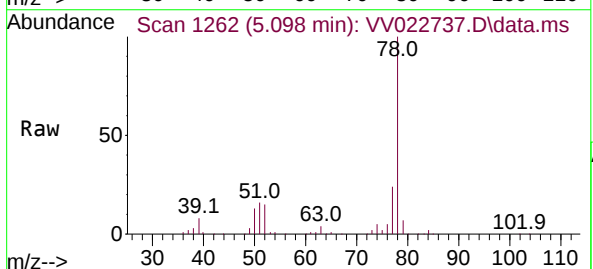
RT: 5.098 min Scan# 1262

Delta R.T. 0.006 min

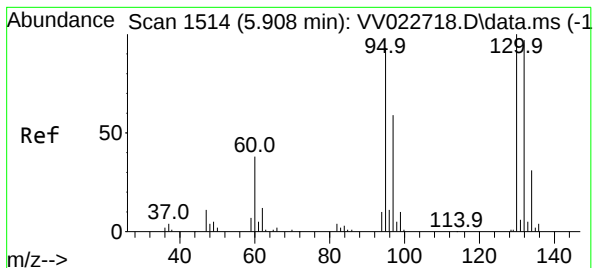
Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion: 78 Resp: 153592



Instrument :
MSVOA_V
ClientSampled :



#34

Trichloroethene

Concen: 33.917 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion: 95 Resp: 278752

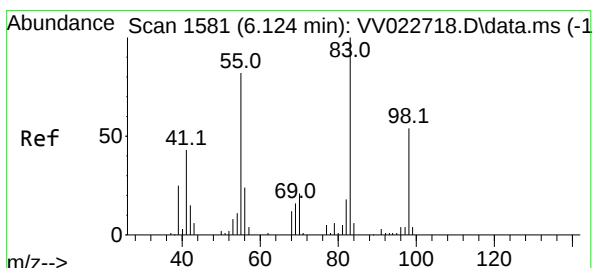
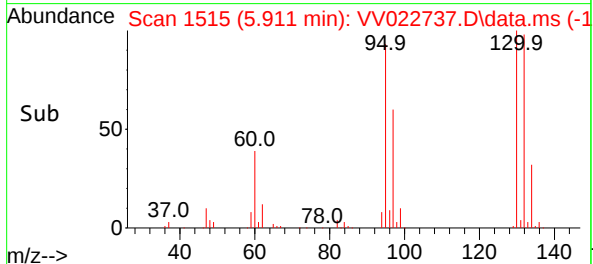
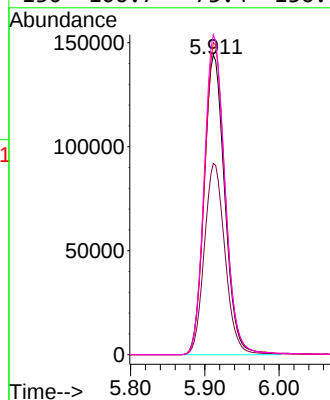
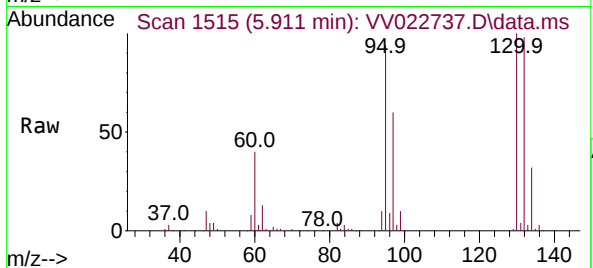
Ion Ratio Lower Upper

95 100

97 63.8 45.8 85.2

132 104.1 72.2 134.0

130 106.7 73.4 136.4



#35

Methylcyclohexane

Concen: 5.126 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

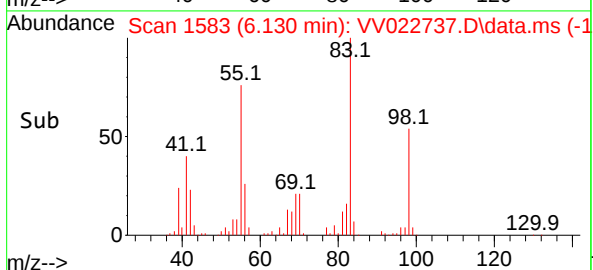
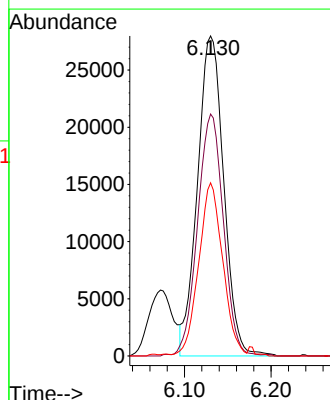
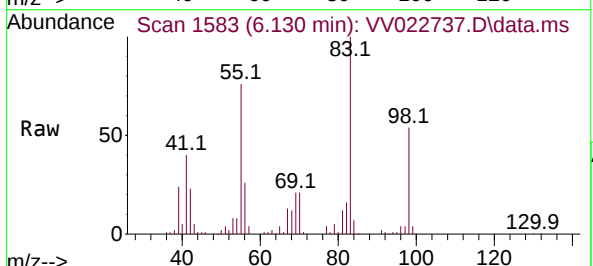
Tgt Ion: 83 Resp: 59023

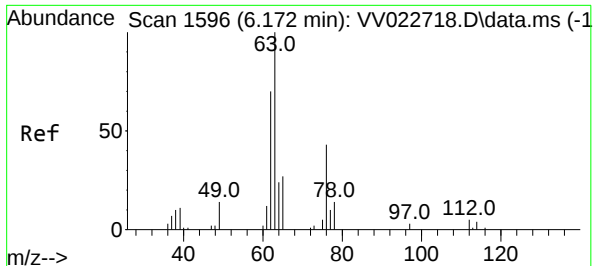
Ion Ratio Lower Upper

83 100

55 74.3 63.8 95.6

98 48.9 42.1 63.1



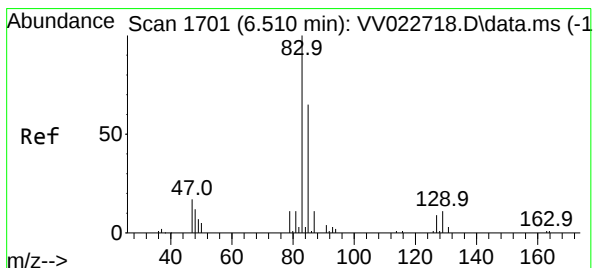
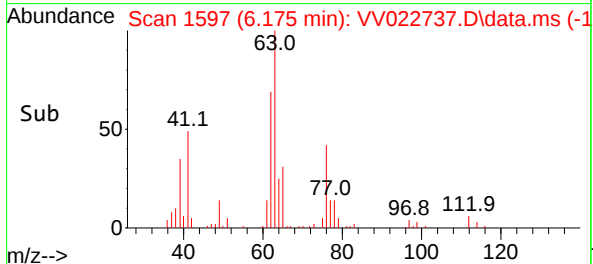
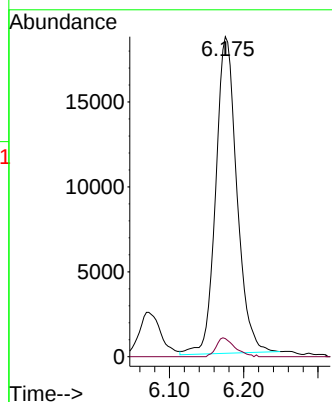
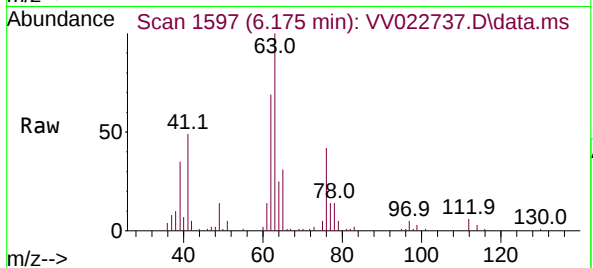


#37

1,2-Dichloropropane
Concen: 5.078 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :

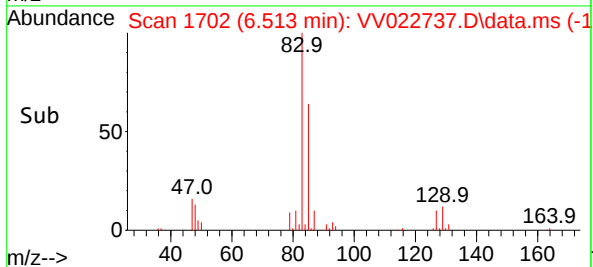
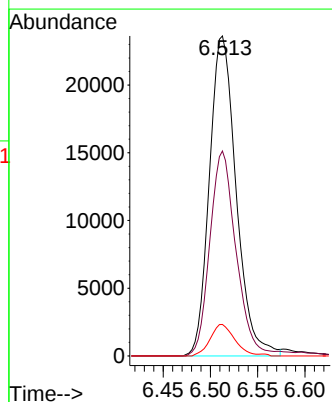
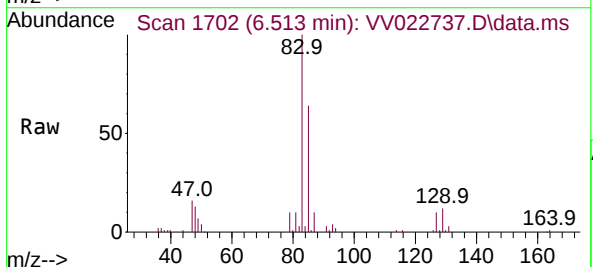
Tgt Ion: 63 Resp: 36913
Ion Ratio Lower Upper
63 100
112 5.2 4.4 6.6

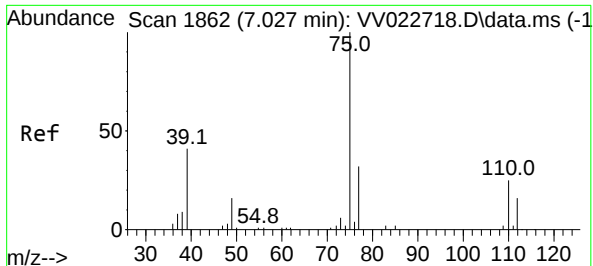


#38

Bromodichloromethane
Concen: 5.201 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 83 Resp: 46582
Ion Ratio Lower Upper
83 100
85 64.0 44.3 82.3
127 9.8 7.7 11.5

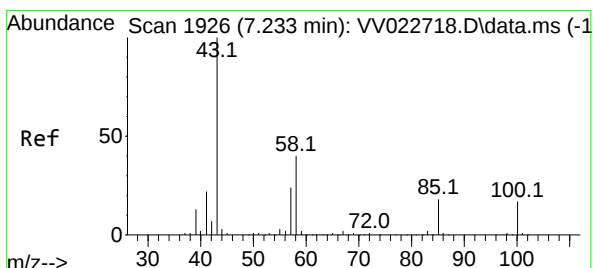
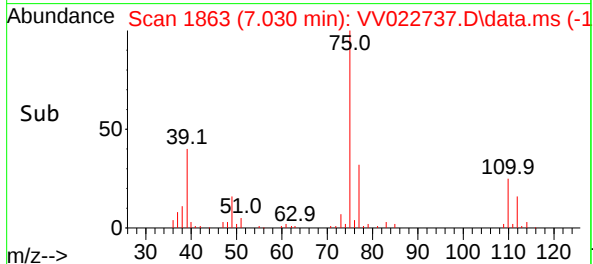
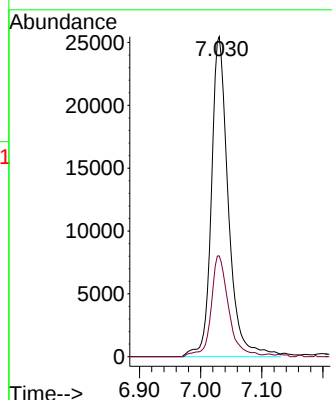
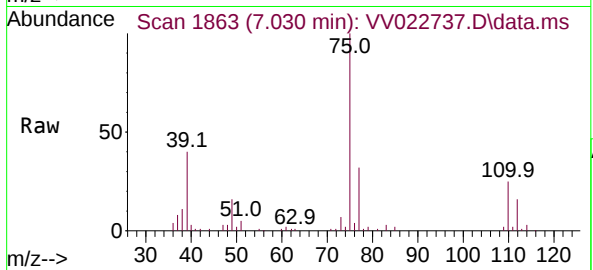




#39
 cis-1,3-Dichloropropene
 Concen: 5.111 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

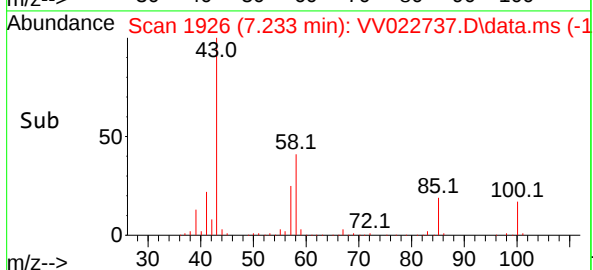
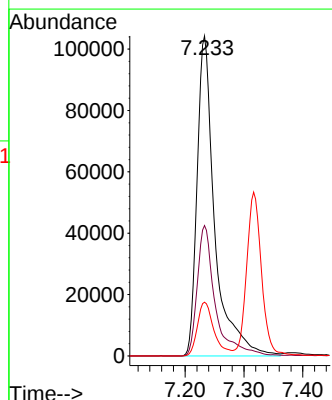
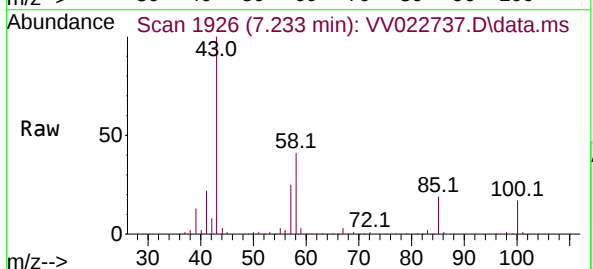
Instrument :
 MSVOA_V
 ClientSampled :

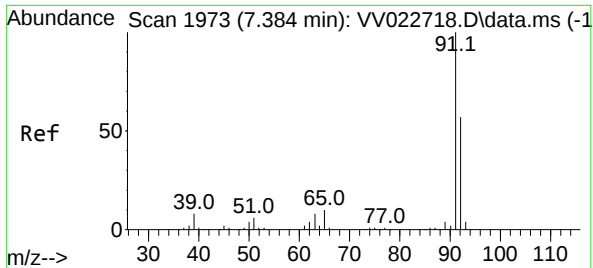
Tgt Ion: 75 Resp: 49176
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 55.721 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 43 Resp: 217625
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.0 48.0
 100 16.0 14.2 21.2

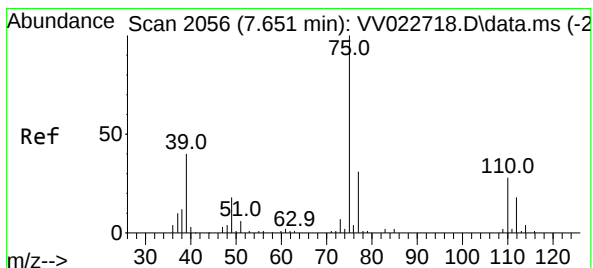
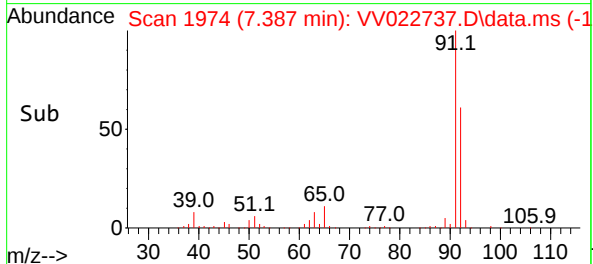
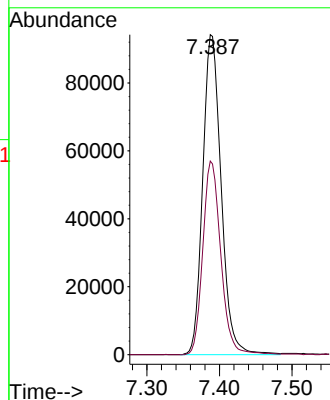
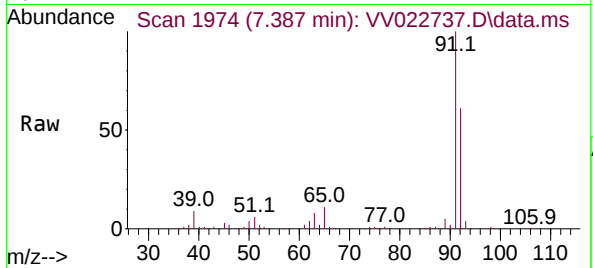




#42
Toluene
Concen: 5.420 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

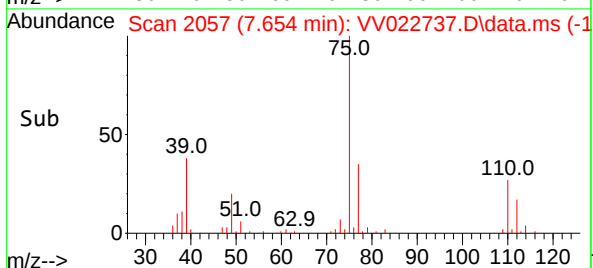
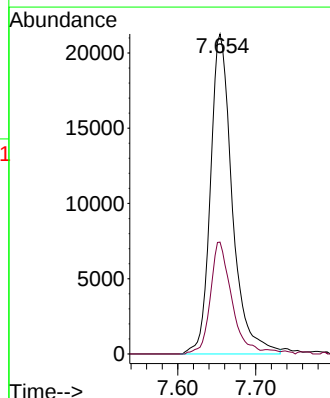
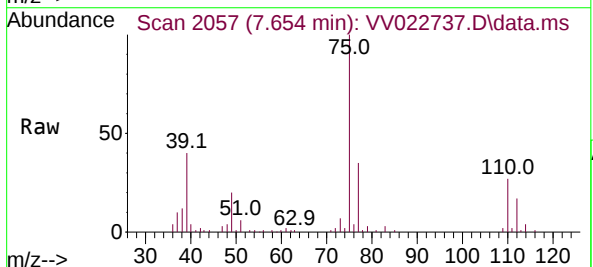
Instrument :
MSVOA_V
ClientSampled :

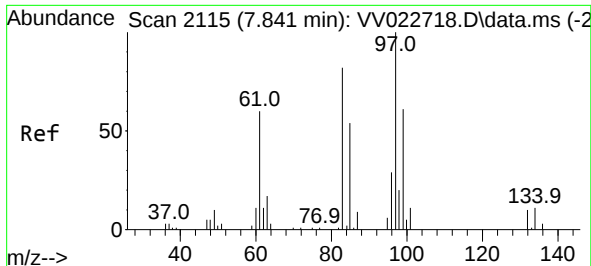
Tgt Ion: 91 Resp: 166301
Ion Ratio Lower Upper
91 100
92 60.5 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.277 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 75 Resp: 41399
Ion Ratio Lower Upper
75 100
77 34.9 23.9 44.5





#45

1,1,2-Trichloroethane

Concen: 5.296 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion: 97 Resp: 28568

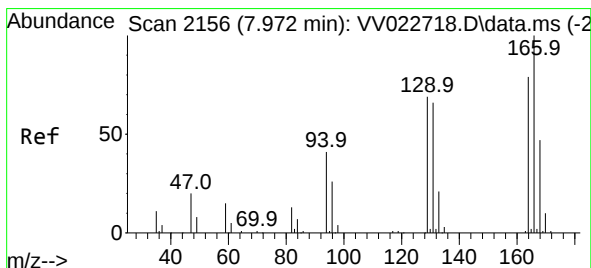
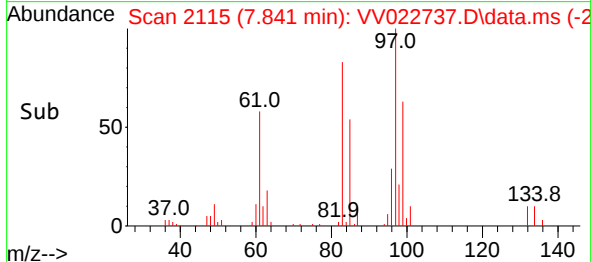
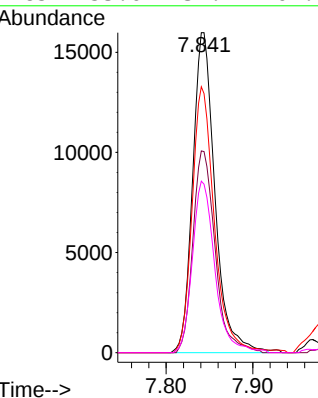
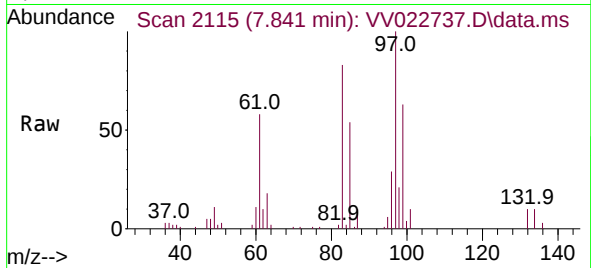
Ion Ratio Lower Upper

97 100

99 63.1 44.5 82.7

83 83.1 56.6 105.0

85 53.6 37.2 69.0



#47

Tetrachloroethene

Concen: 14.528 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion: 164 Resp: 96566

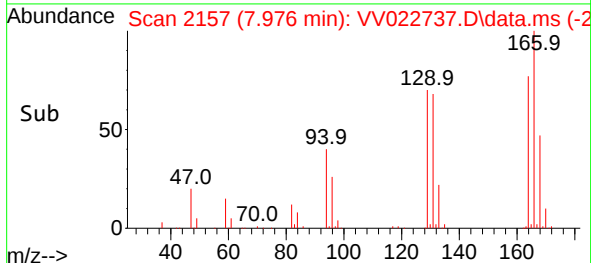
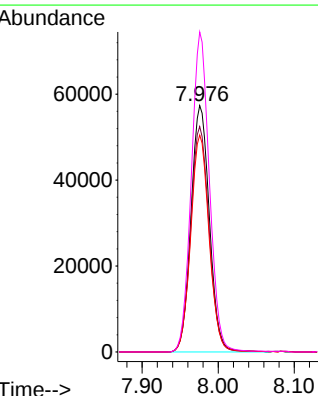
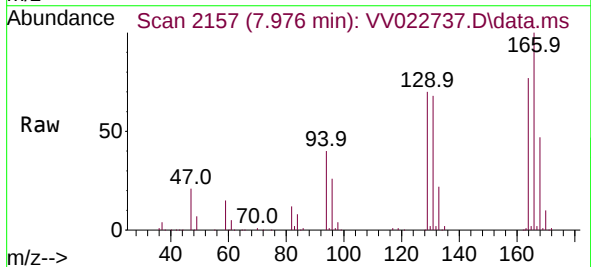
Ion Ratio Lower Upper

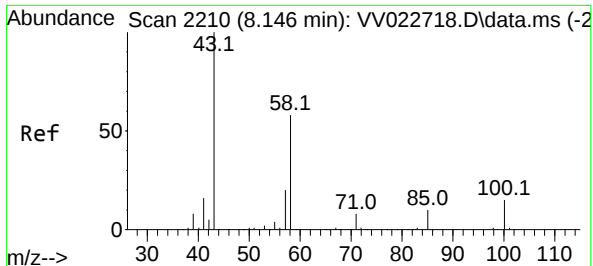
164 100

129 91.5 65.0 120.6

131 88.0 62.2 115.4

166 129.9 89.2 165.8



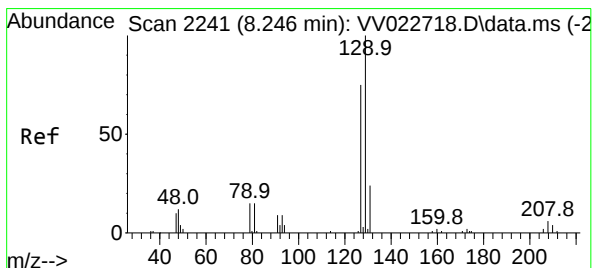
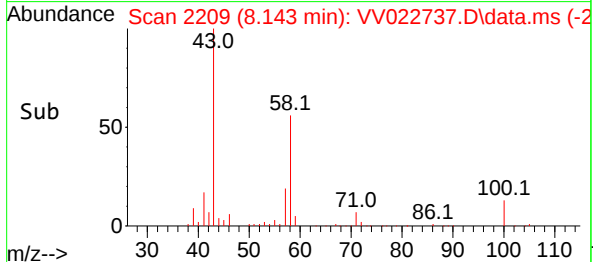
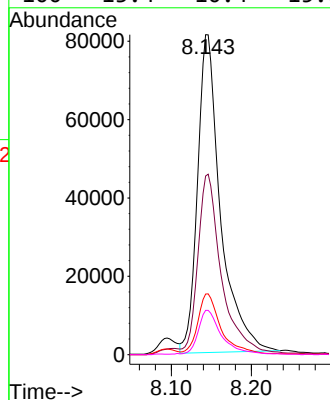
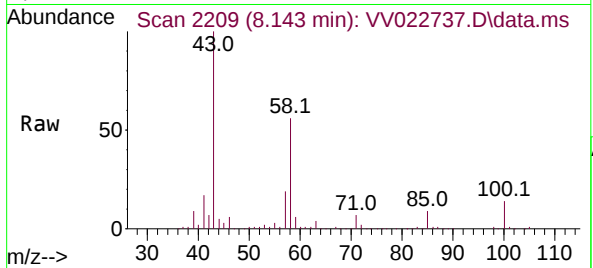


#48
2-Hexanone
Concen: 56.962 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 162667

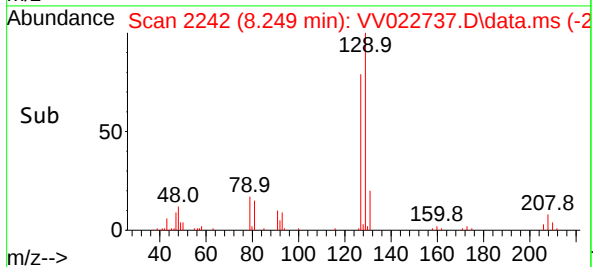
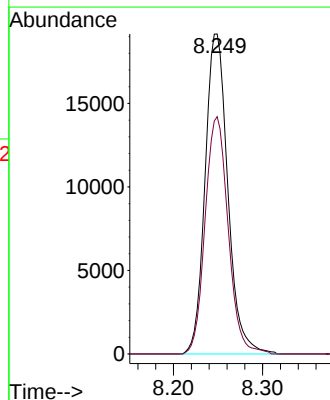
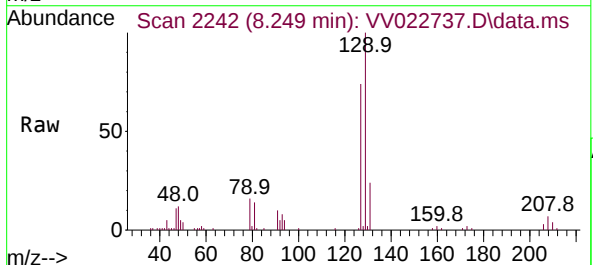
Ion	Ratio	Lower	Upper
43	100		
58	57.5	47.4	71.0
57	19.7	15.3	22.9
100	13.4	10.4	15.6

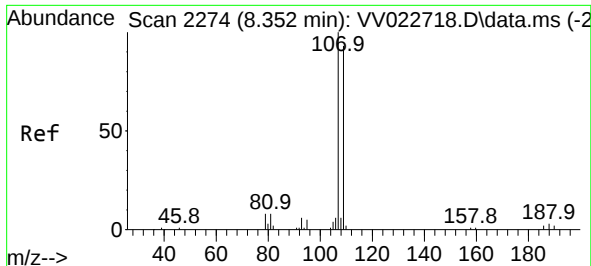


#49
Dibromochloromethane
Concen: 5.373 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 129 Resp: 33924

Ion	Ratio	Lower	Upper
129	100		
127	74.1	59.1	109.9





#50

1,2-Dibromoethane

Concen: 5.294 ug/L

RT: 8.355 min Scan# 2275

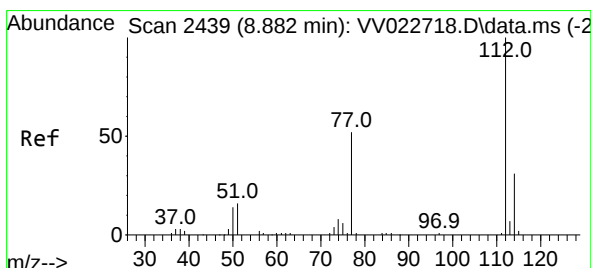
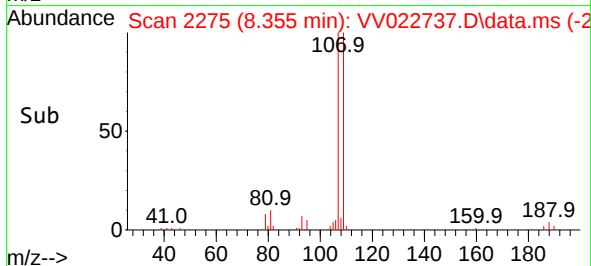
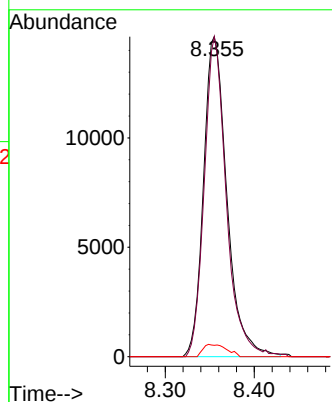
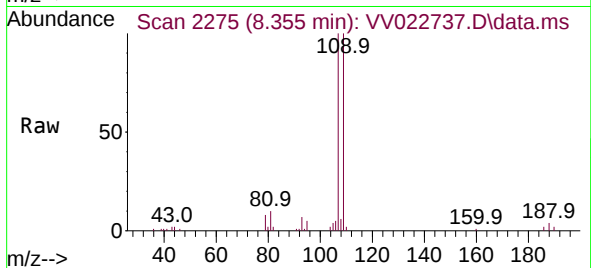
Delta R.T. 0.003 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion:	107	Resp:	26664
Ion	Ratio	Lower	Upper
107	100		
109	100.0	67.1	124.5
188	3.6	3.4	5.0

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 5.349 ug/L

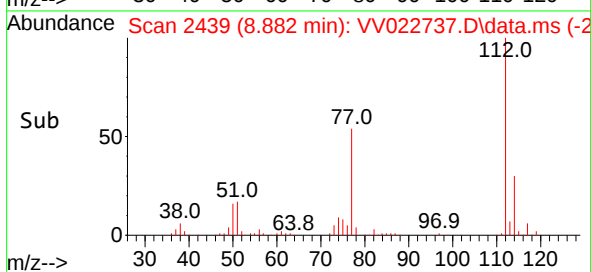
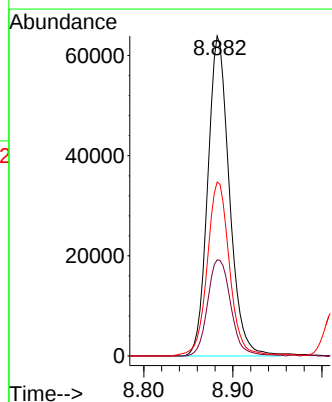
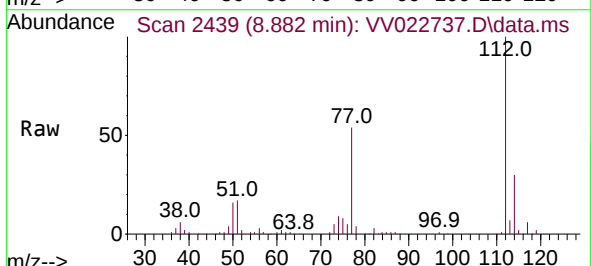
RT: 8.882 min Scan# 2439

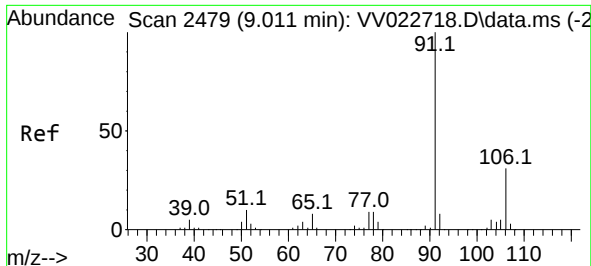
Delta R.T. -0.000 min

Lab File: VV022737.D

Acq: 11 Oct 2021 18:16

Tgt Ion:	112	Resp:	107843
Ion	Ratio	Lower	Upper
112	100		
114	30.0	21.6	40.2
77	54.3	43.7	65.5

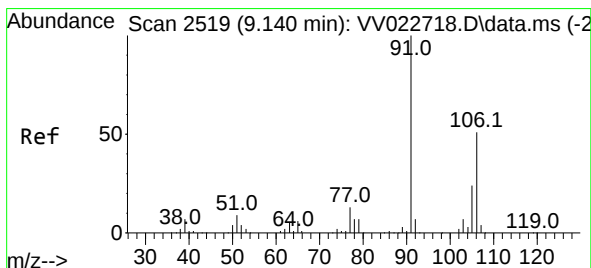
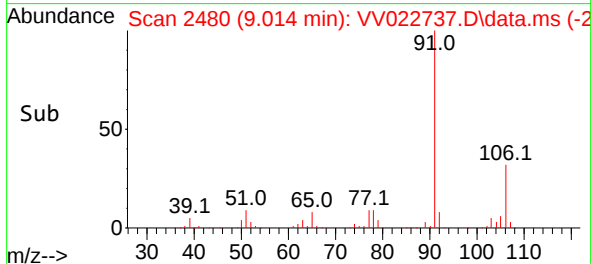
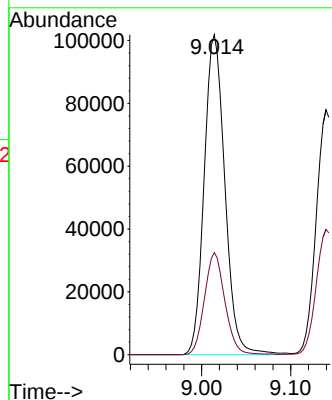
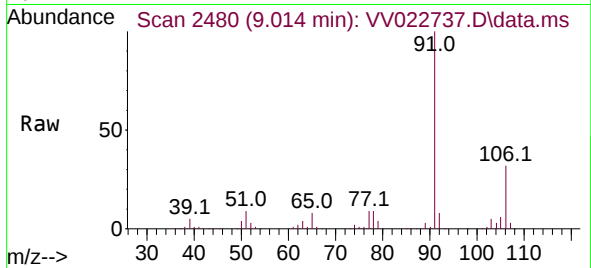




#52
Ethylbenzene
Concen: 5.265 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

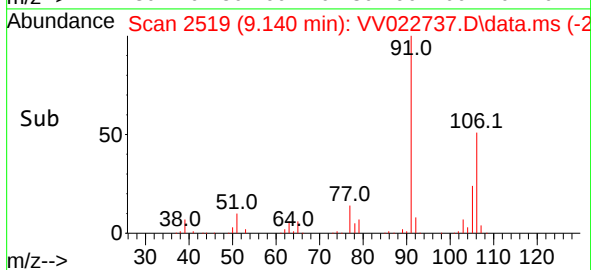
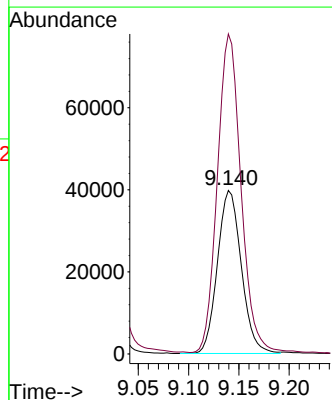
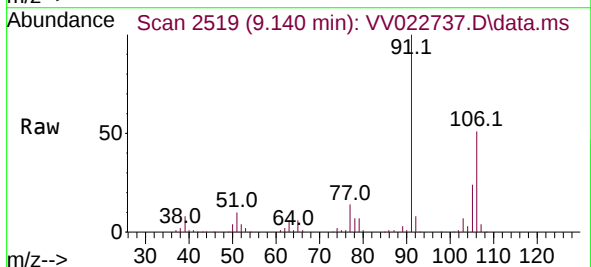
Instrument :
MSVOA_V
ClientSampled :

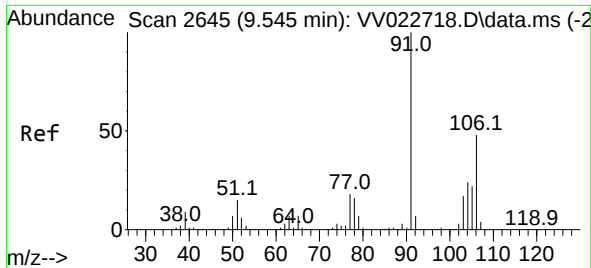
Tgt Ion: 91 Resp: 164016
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.2



#53
m,p-xylene
Concen: 5.370 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 106 Resp: 65645
Ion Ratio Lower Upper
106 100
91 195.7 138.7 257.5

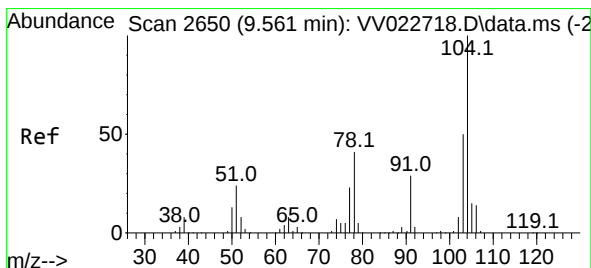
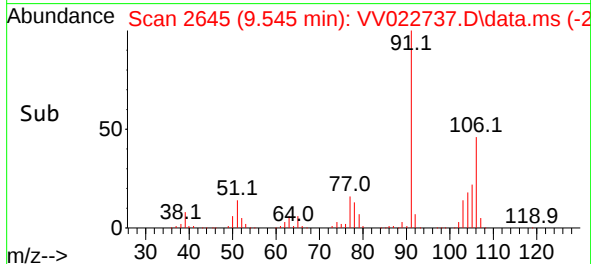
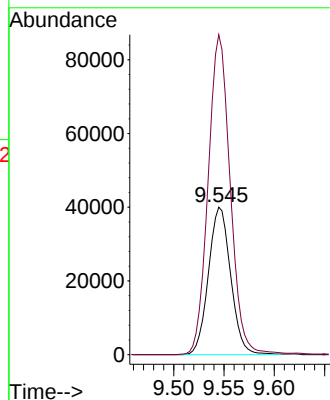
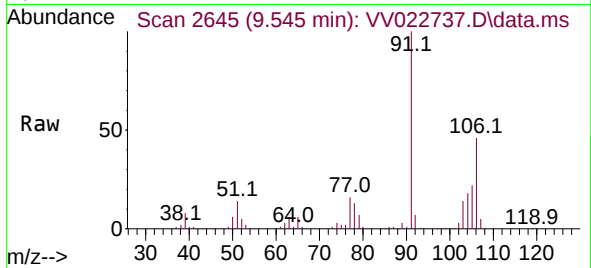




#54
o-xylene
Concen: 5.353 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

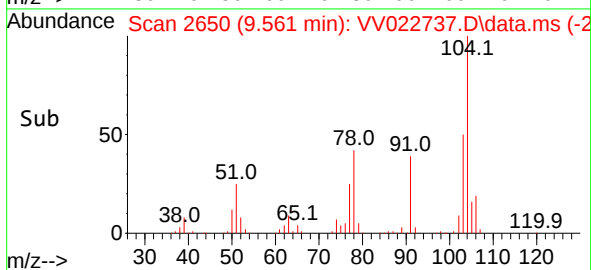
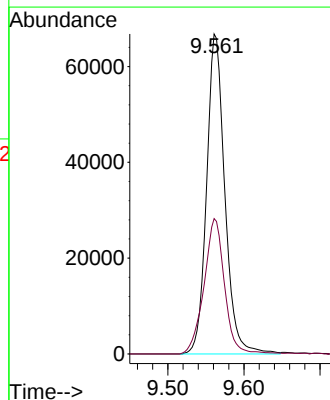
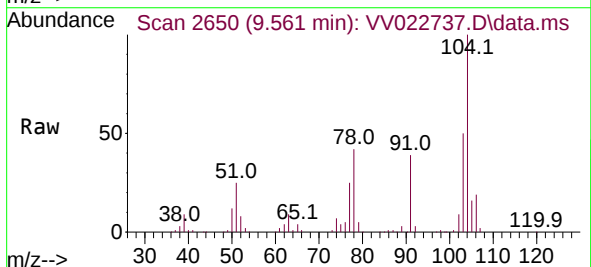
Instrument :
MSVOA_V
ClientSampled :

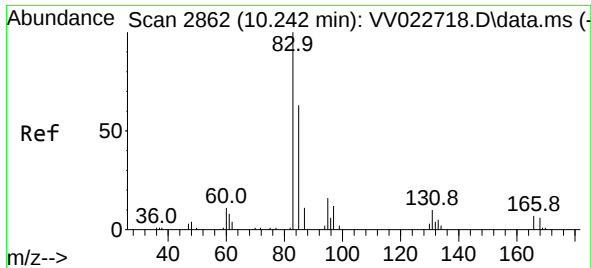
Tgt Ion:106 Resp: 61568
Ion Ratio Lower Upper
106 100
91 216.9 151.1 280.7



#55
Styrene
Concen: 5.621 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:104 Resp: 111395
Ion Ratio Lower Upper
104 100
78 42.3 29.5 54.7

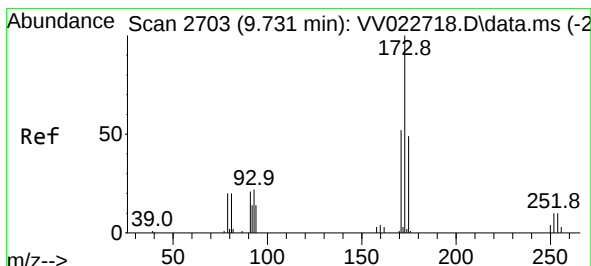
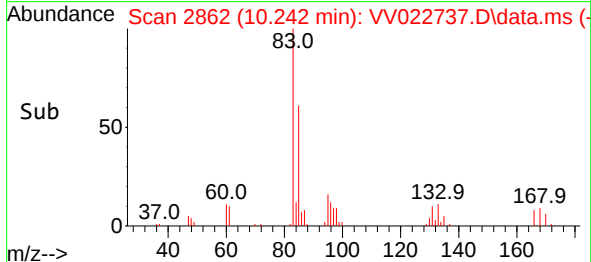
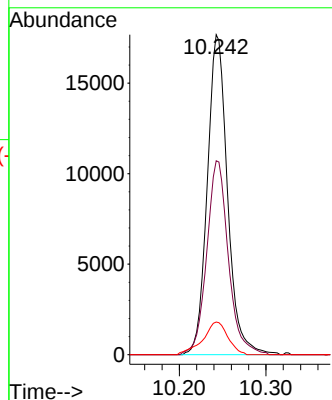
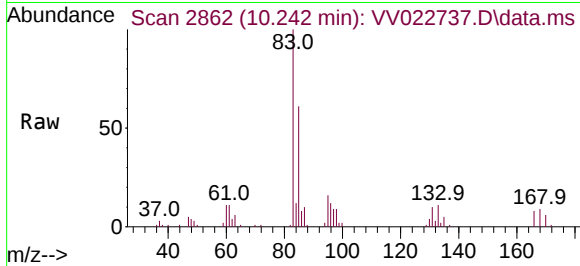




#57
1,1,2,2-Tetrachloroethane
Concen: 5.269 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

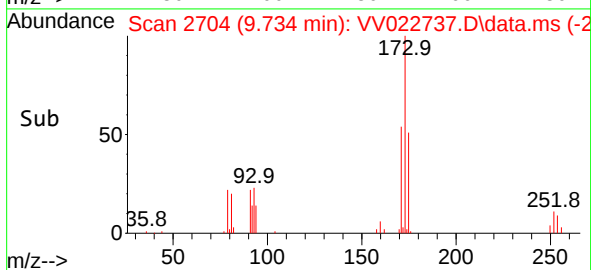
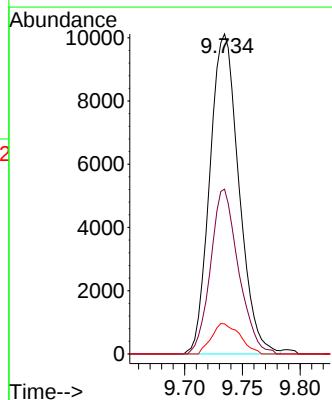
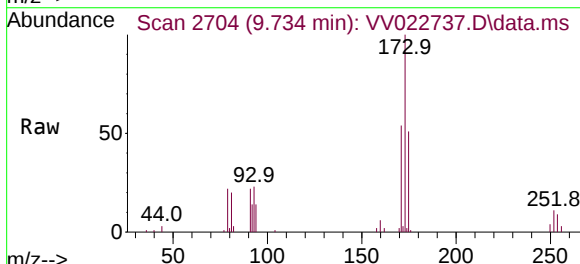
Instrument :
MSVOA_V
ClientSampleId :

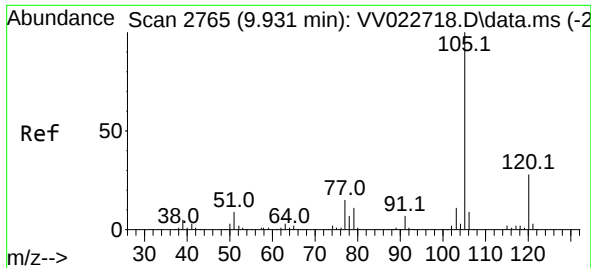
Tgt Ion:	83	Resp:	28753
Ion	Ratio	Lower	Upper
83	100		
85	60.6	46.0	85.4
131	10.2	8.4	12.6



#59
Bromoform
Concen: 4.934 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	173	Resp:	17724
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.3	57.5
254	9.2	7.1	10.7

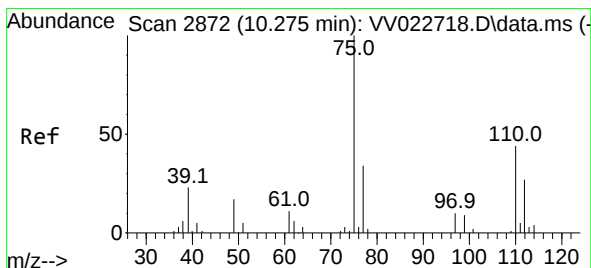
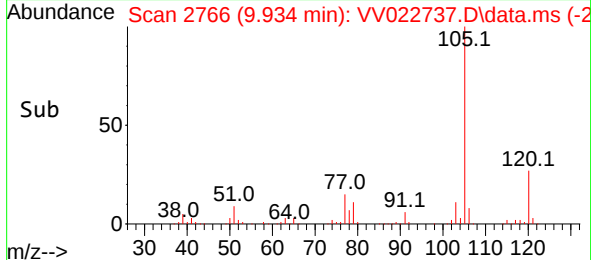
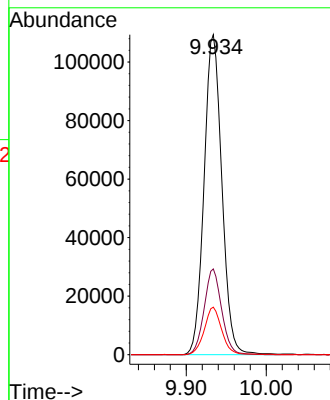
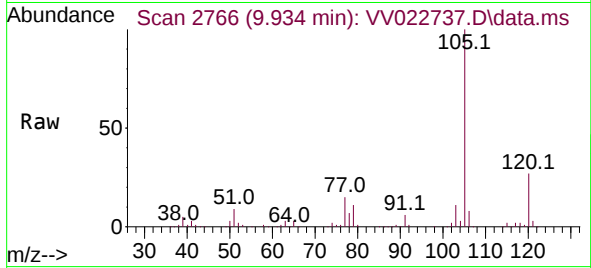




#60
Isopropylbenzene
Concen: 5.200 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

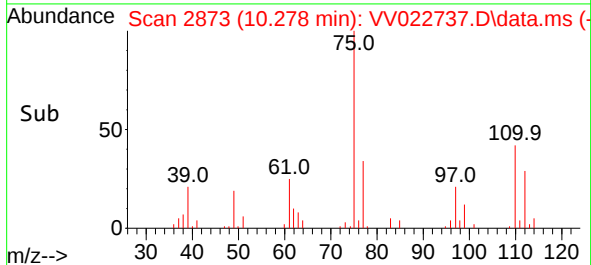
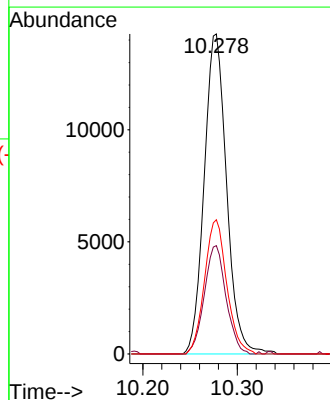
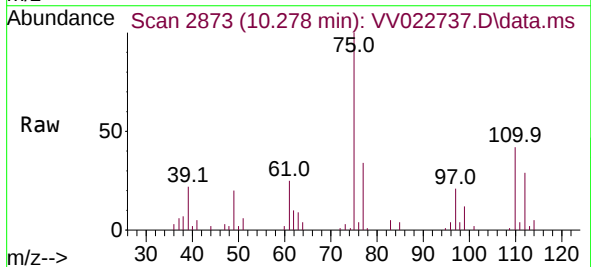
Instrument :
MSVOA_V
ClientSampled :

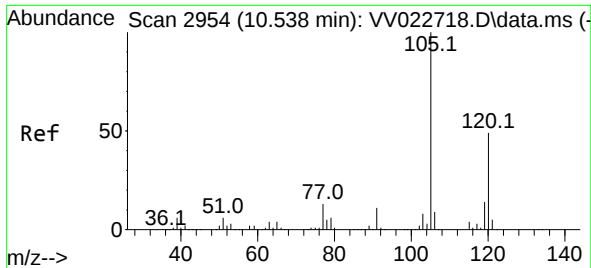
Tgt Ion:105 Resp: 169395
Ion Ratio Lower Upper
105 100
120 26.4 21.8 32.8
77 14.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.277 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 75 Resp: 23513
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
110 41.6 34.2 51.4

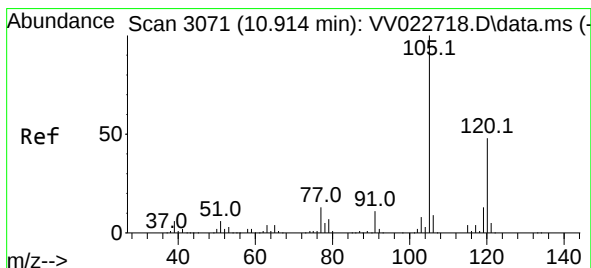
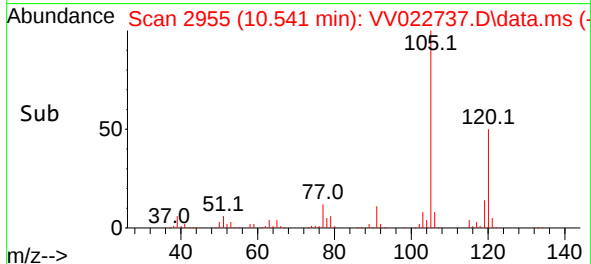
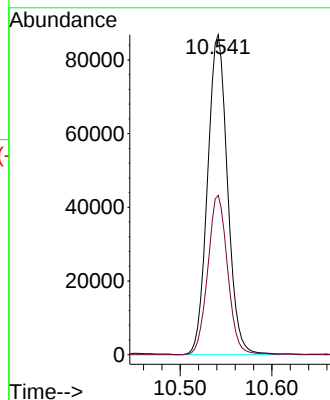
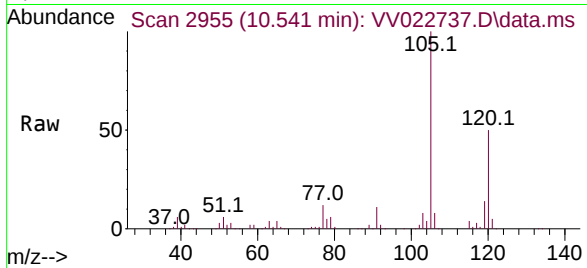




#62
1,3,5-Trimethylbenzene
Concen: 4.994 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

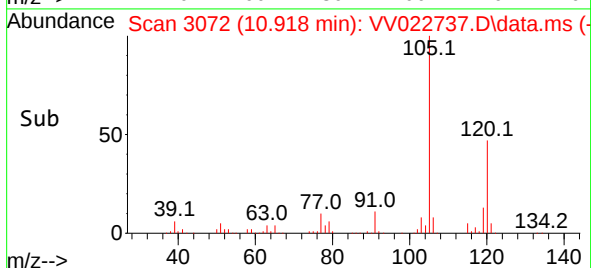
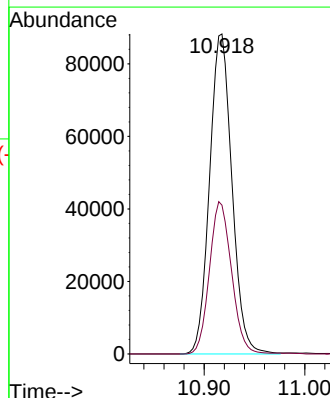
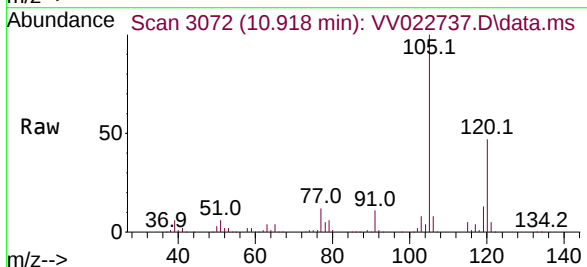
Instrument :
MSVOA_V
ClientSampled :

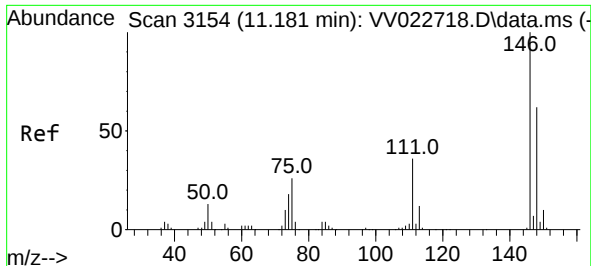
Tgt Ion:105 Resp: 131450
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.176 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:105 Resp: 136316
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9

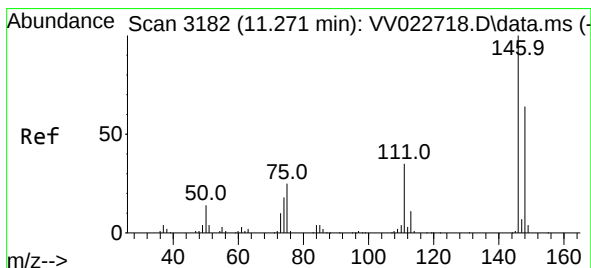
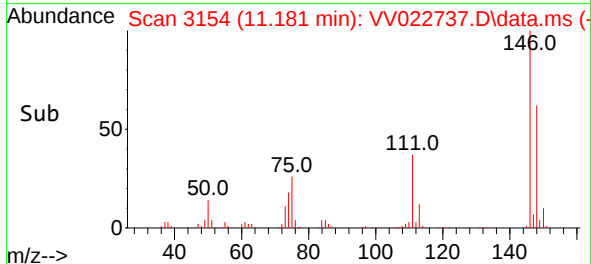
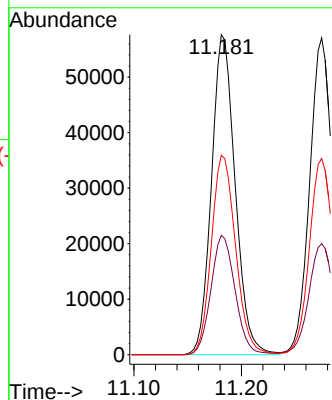
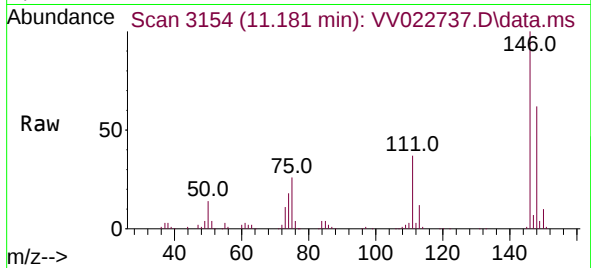




#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

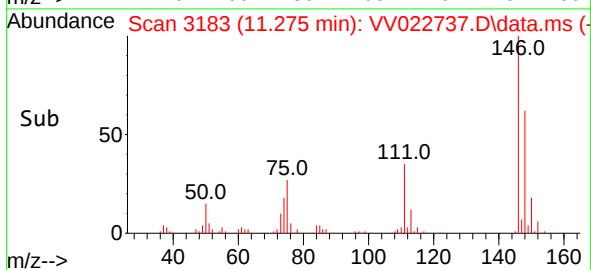
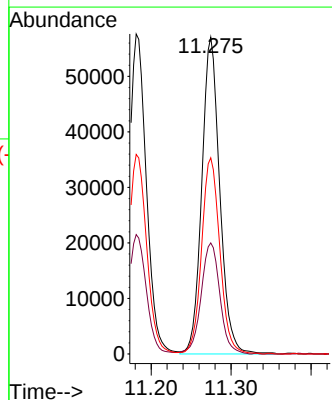
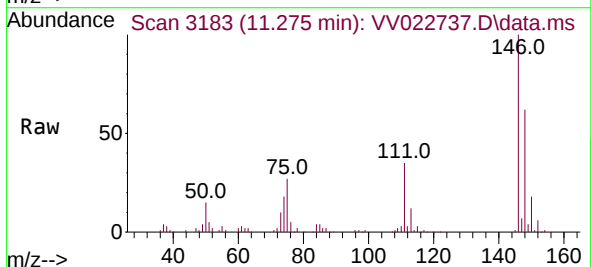
Instrument :
MSVOA_V
ClientSampled :

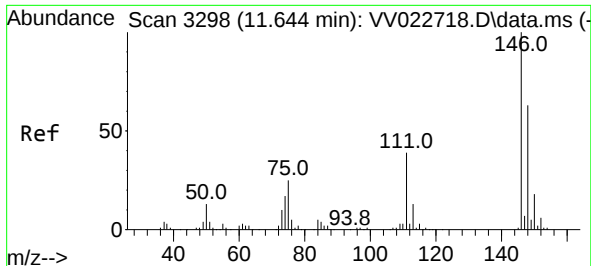
Tgt Ion:146 Resp: 88253
Ion Ratio Lower Upper
146 100
111 37.3 26.7 49.5
148 62.3 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:146 Resp: 89331
Ion Ratio Lower Upper
146 100
111 35.0 25.6 47.4
148 61.9 44.9 83.5

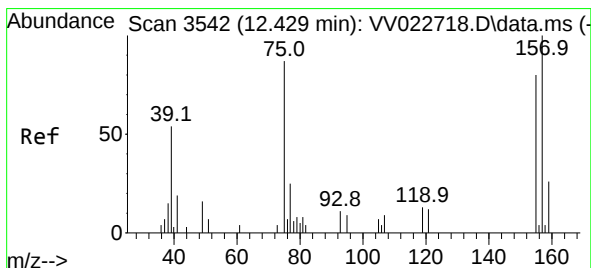
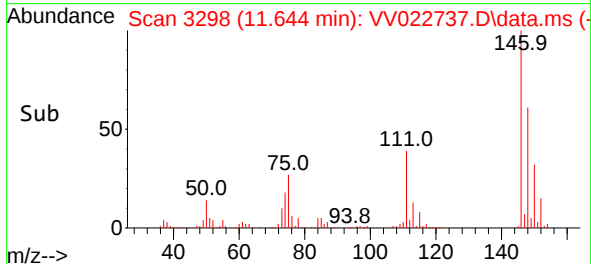
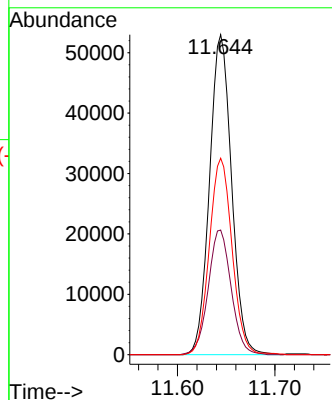
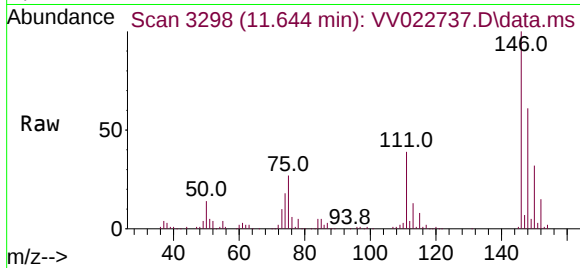




#67
1,2-Dichlorobenzene
Concen: 5.204 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

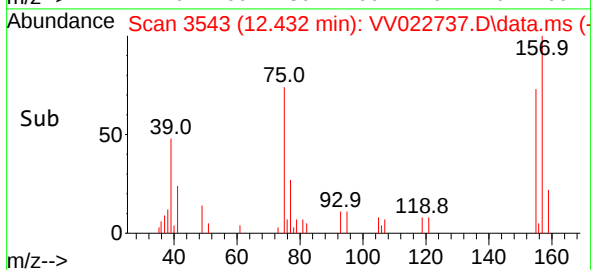
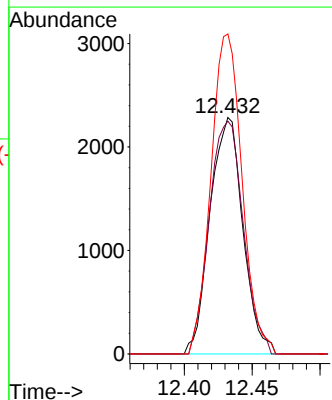
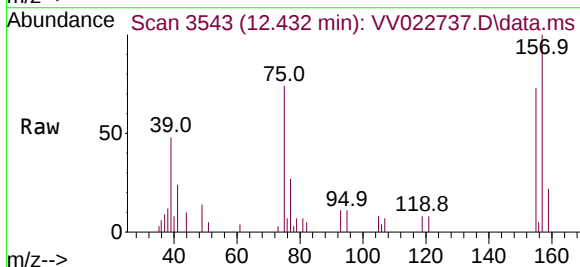
Instrument :
MSVOA_V
ClientSampleId :

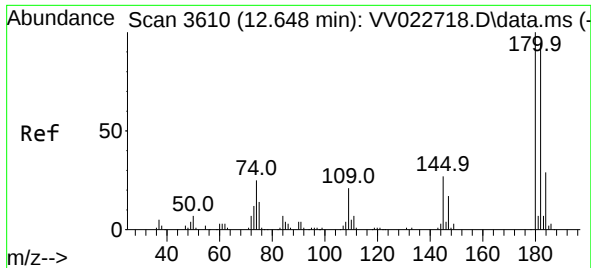
Tgt Ion:146 Resp: 83453
Ion Ratio Lower Upper
146 100
111 38.9 32.3 48.5
148 61.4 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.747 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 75 Resp: 3850
Ion Ratio Lower Upper
75 100
155 98.5 82.4 123.6
157 135.3 114.1 171.1

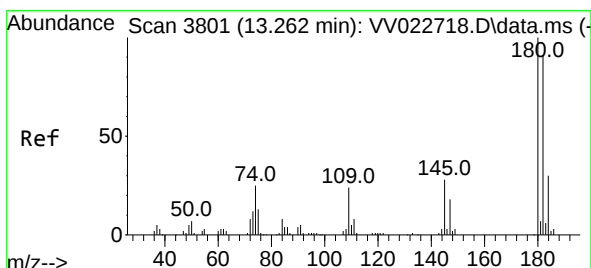
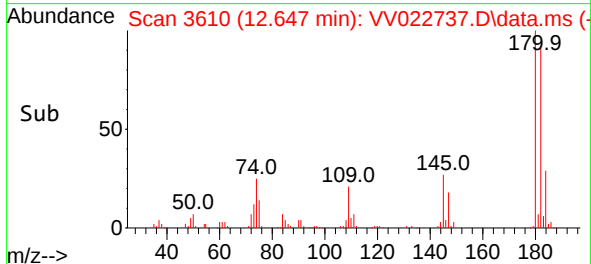
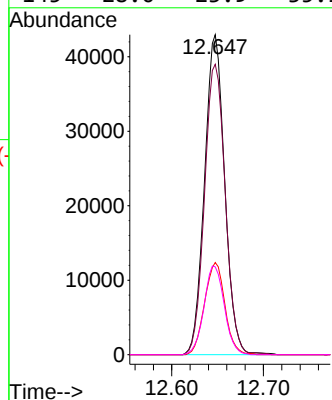
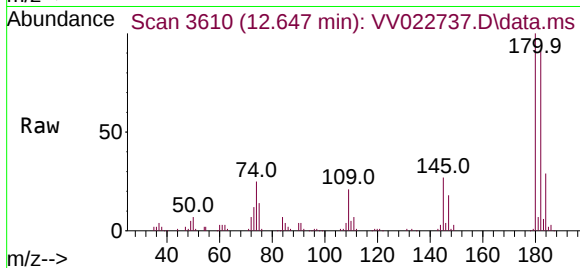




#69
1,3,5-Trichlorobenzene
Concen: 5.097 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

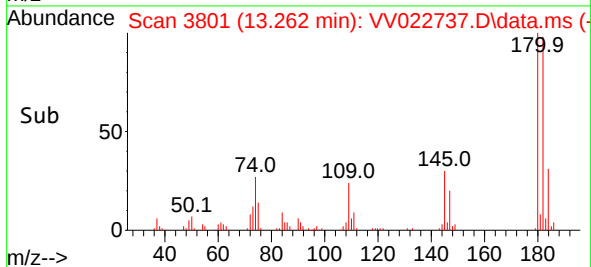
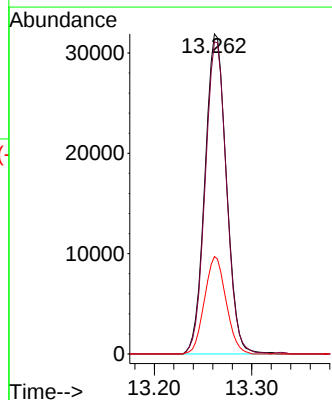
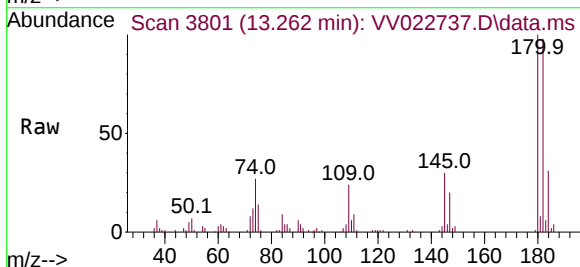
Instrument :
MSVOA_V
ClientSampled :

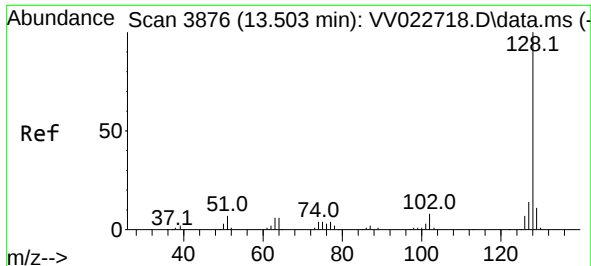
Tgt Ion:180	Resp:	65645
Ion Ratio	Lower	Upper
180	100	
182	93.5	77.0 115.6
184	29.0	24.5 36.7
145	28.0	23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 4.961 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

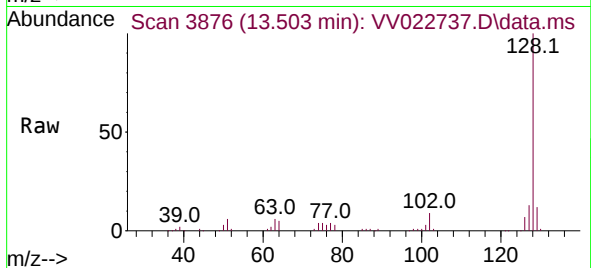
Tgt Ion:180	Resp:	48812
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.0 114.0
145	30.5	24.1 36.1



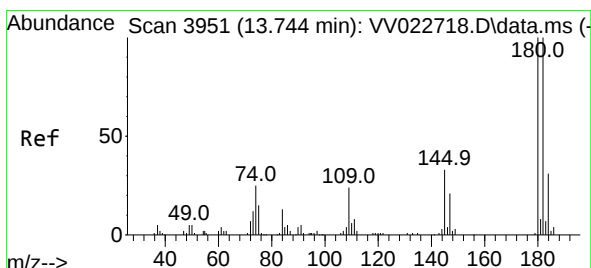
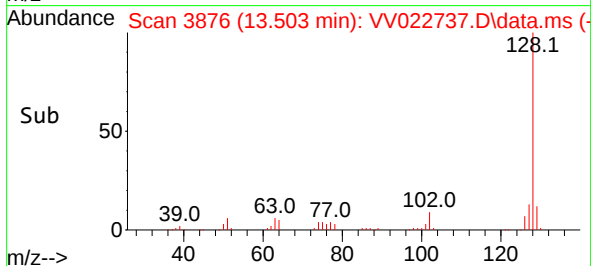
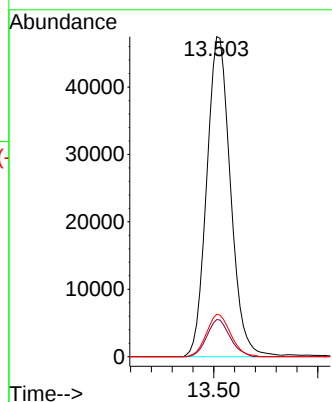


#71
Naphthalene
Concen: 4.812 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 75249
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.025 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:180 Resp: 46618
Ion Ratio Lower Upper
180 100
182 96.4 75.5 113.3
145 32.5 24.7 37.1

