

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022742.D
 Acq On : 11 Oct 2021 20:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:44:04 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	5.616	114	113136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32757	4.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.564	69	30842	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.105	63	66937	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.915	46	73662	36.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.180%
24) Chloroform-d	4.349	84	76630	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.034	65	35976	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	145193	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	44742	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	136921	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	15737	4.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.098	63	73769	54.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34031	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53963	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41995	5.093	ug/L	99
3) Chloromethane	1.240	50	43869	5.294	ug/L	99
5) Vinyl chloride	1.310	62	44563	5.205	ug/L	98
6) Bromomethane	1.519	94	28439	5.328	ug/L	96
8) Chloroethane	1.584	64	27411	5.174	ug/L	98
9) Trichlorofluoromethane	1.748	101	66293	5.286	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38205	5.237	ug/L	99
12) 1,1-Dichloroethene	2.114	96	35435	5.185	ug/L	81
13) Acetone	2.439	43	14090	12.380	ug/L	81
14) Carbon disulfide	2.288	76	97235	5.063	ug/L	99
15) Methyl Acetate	2.439	43	16004	4.915	ug/L #	88
16) Methylene chloride	2.500	84	57272	6.088	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	85509	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	37778	5.083	ug/L	97
19) 1,1-Dichloroethane	3.182	63	70739	5.285	ug/L	99
21) 2-Butanone	4.005	43	57654	30.939	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	40808	5.229	ug/L	94
23) Bromochloromethane	4.246	128	19597	5.653	ug/L	94
25) Chloroform	4.375	83	76083	4.903	ug/L	96

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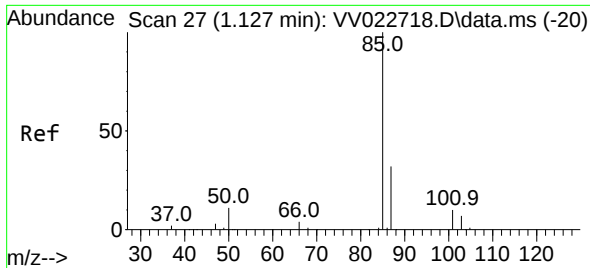
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	39871	5.148	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	64158	4.933	ug/L	99
30) Cyclohexane	4.667	56	54667	4.555	ug/L	99
31) Carbon tetrachloride	4.821	117	56154	4.974	ug/L	100
33) Benzene	5.095	78	154349	5.032	ug/L	100
34) Trichloroethene	5.911	95	40763	4.887	ug/L	97
35) Methylcyclohexane	6.127	83	57668	4.935	ug/L	95
37) 1,2-Dichloropropane	6.175	63	36444	4.940	ug/L	98
38) Bromodichloromethane	6.513	83	45733	5.031	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	47678	4.882	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	193952	48.929	ug/L	98
42) Toluene	7.387	91	167146	5.367	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	42119	5.290	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28711	5.245	ug/L	97
47) Tetrachloroethene	7.976	164	34419	5.102	ug/L	97
48) 2-Hexanone	8.146	43	167826	57.905	ug/L	98
49) Dibromochloromethane	8.249	129	33302	5.197	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27466	5.373	ug/L	99
51) Chlorobenzene	8.882	112	106048	5.183	ug/L	95
52) Ethylbenzene	9.014	91	163093	5.159	ug/L	97
53) m,p-xylene	9.140	106	67040	5.403	ug/L	100
54) o-xylene	9.545	106	63548	5.444	ug/L	95
55) Styrene	9.561	104	113069	5.622	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	29776	5.376	ug/L	98
59) Bromoform	9.734	173	17831	5.076	ug/L	99
60) Isopropylbenzene	9.934	105	170168	5.343	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	23994	5.507	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	132906	5.164	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	138116	5.363	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	89881	5.377	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	89054	5.246	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	82942	5.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	3807	4.801	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	64516	5.123	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	49685	5.165	ug/L	99
71) Naphthalene	13.503	128	76484	5.002	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	46918	5.172	ug/L	98

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

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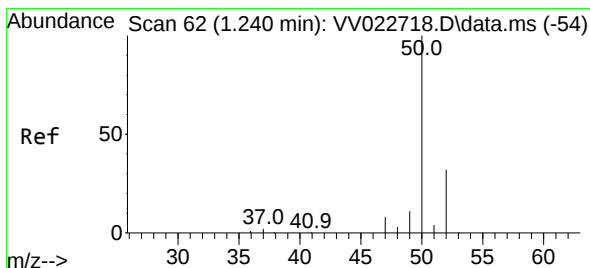
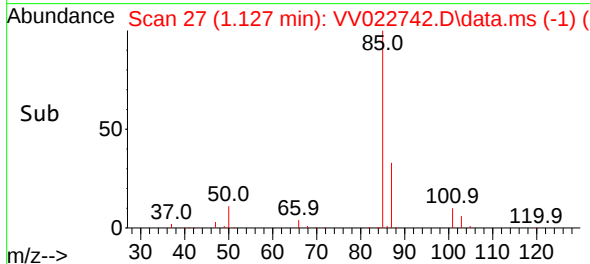
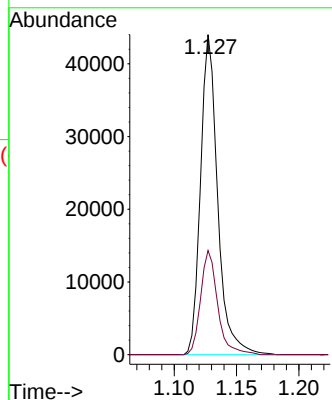
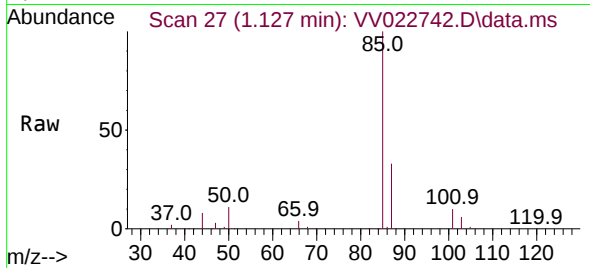




#2
 Dichlorodifluoromethane
 Concen: 5.093 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

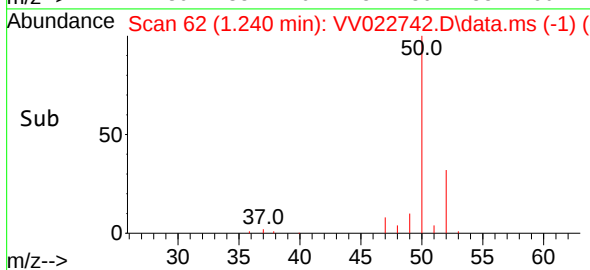
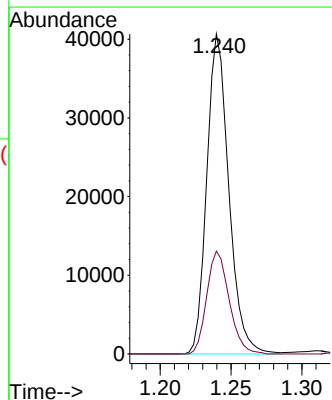
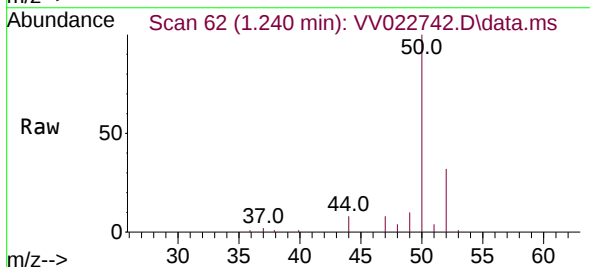
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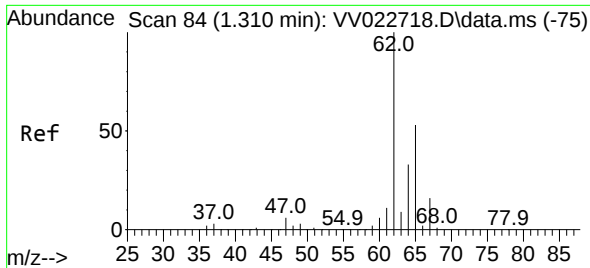
Tgt Ion: 85 Resp: 41995
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.3 39.5



#3
 Chloromethane
 Concen: 5.294 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

Tgt Ion: 50 Resp: 43869
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.9 42.5

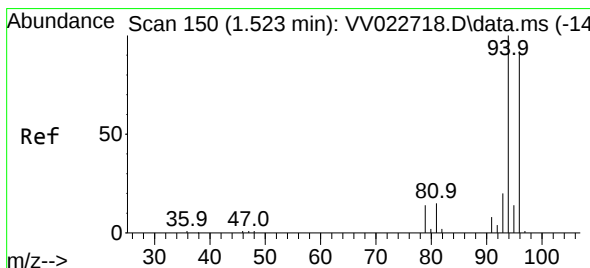
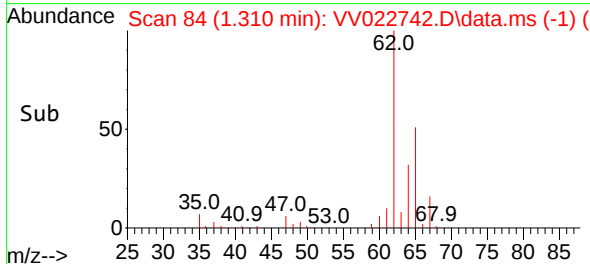
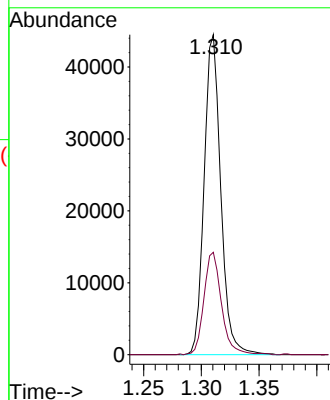
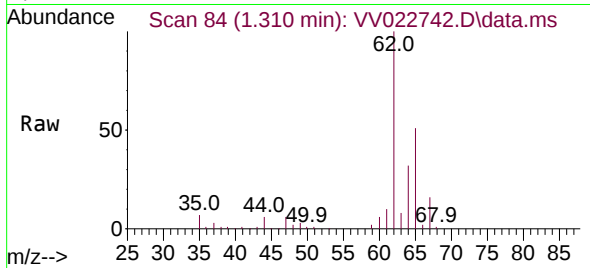




#5
 Vinyl chloride
 Concen: 5.205 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

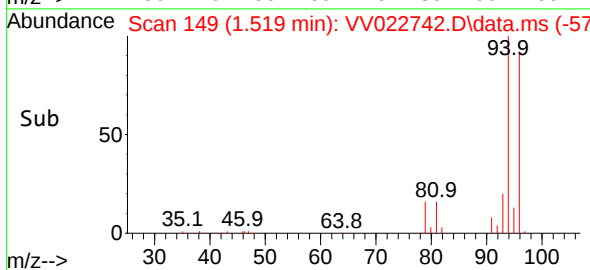
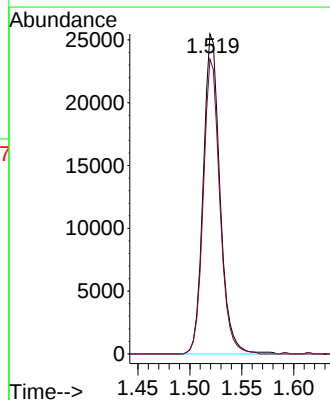
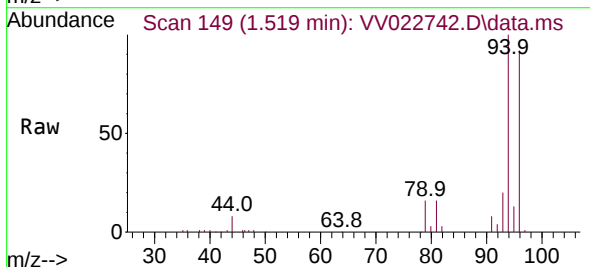
Instrument :
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 ClientSampled :

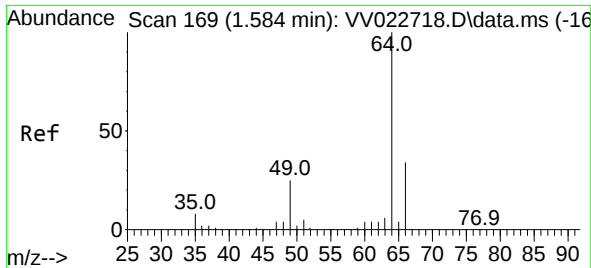
Tgt Ion: 62 Resp: 44563
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.8



#6
 Bromomethane
 Concen: 5.328 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

Tgt Ion: 94 Resp: 28439
 Ion Ratio Lower Upper
 94 100
 96 92.1 67.2 124.8

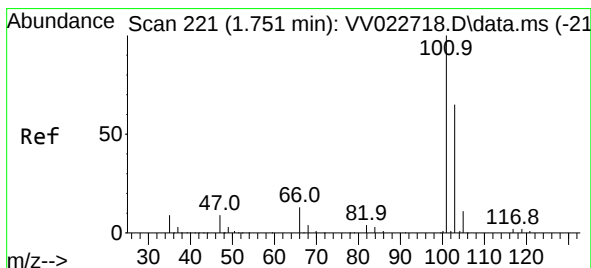
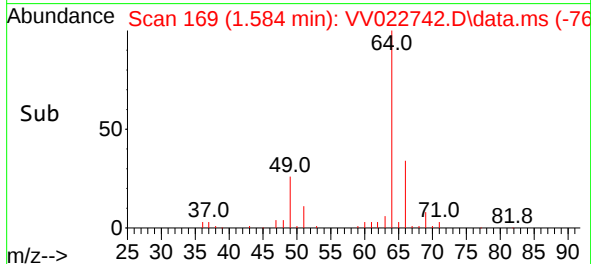
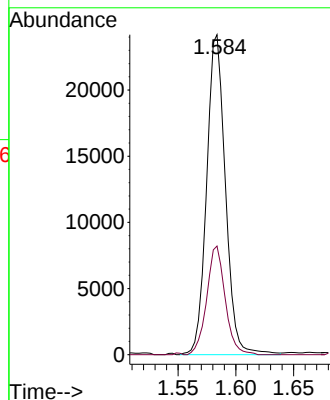
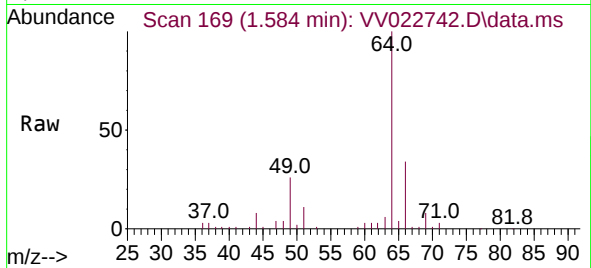




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

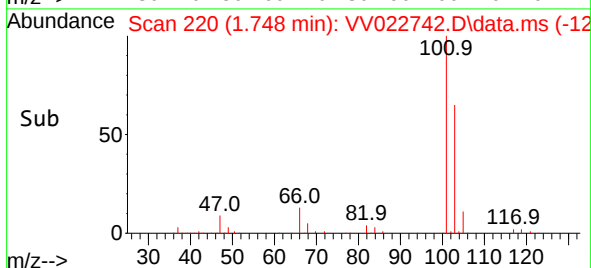
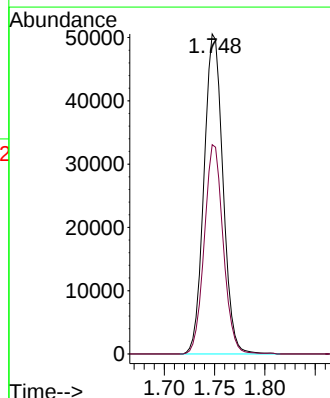
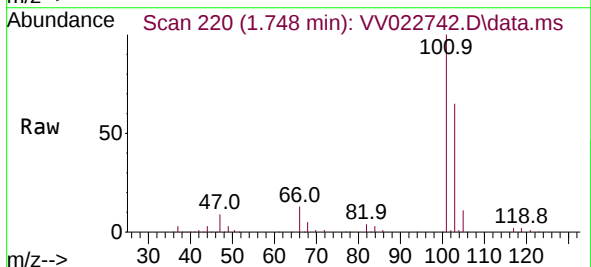
Instrument :
MSVOA_V
ClientSampled :

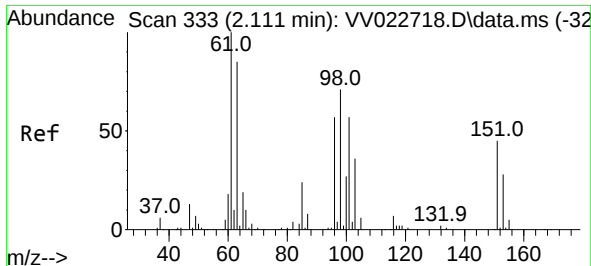
Tgt Ion: 64 Resp: 27411
Ion Ratio Lower Upper
64 100
66 34.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.286 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:101 Resp: 66293
Ion Ratio Lower Upper
101 100
103 65.2 50.3 75.5

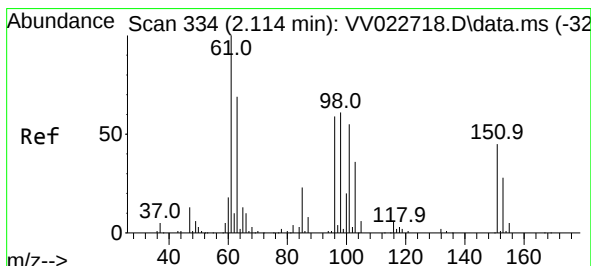
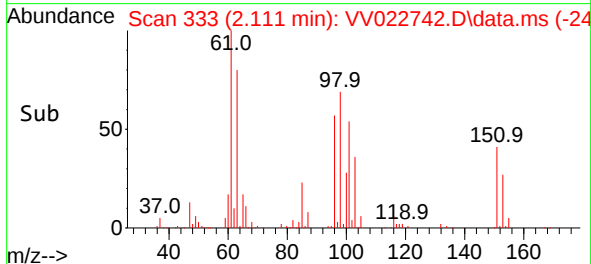
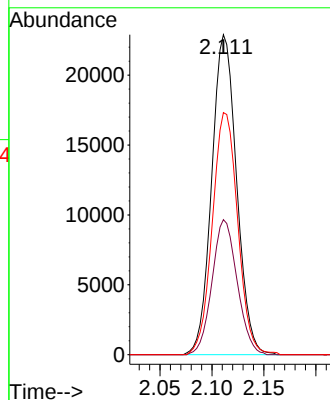
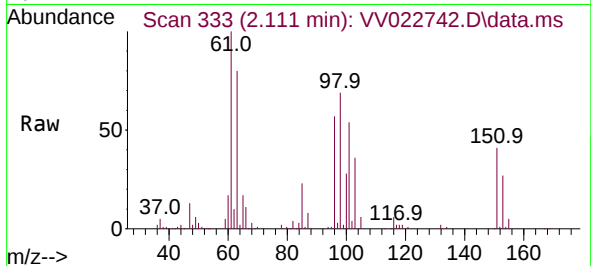




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.237 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

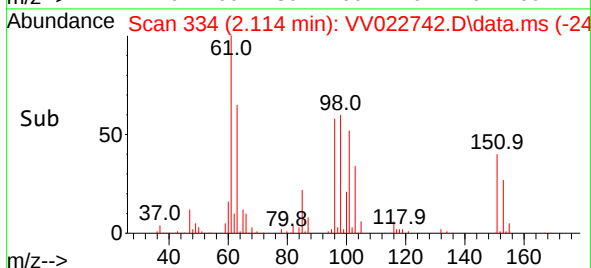
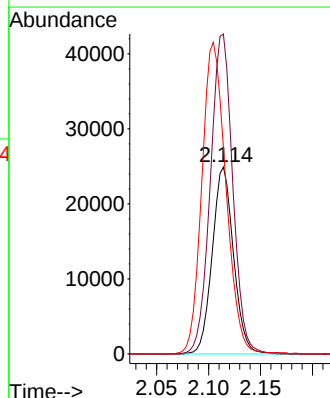
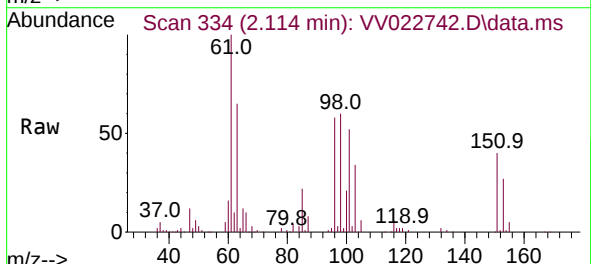
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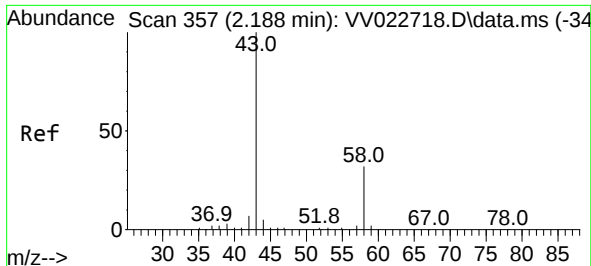
Tgt Ion:101 Resp: 38205
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.6 52.0
 151 77.0 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 5.185 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022742.D
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Tgt Ion: 96 Resp: 35435
 Ion Ratio Lower Upper
 96 100
 61 171.0 127.3 236.5
 63 110.6 106.2 197.2

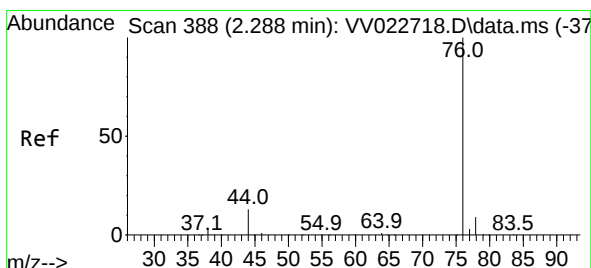
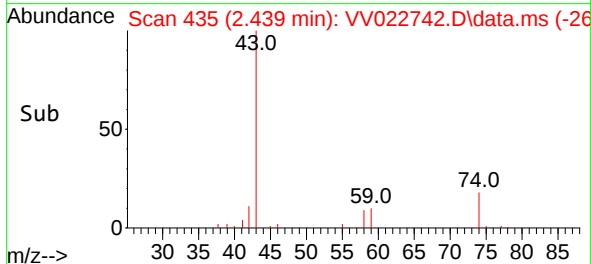
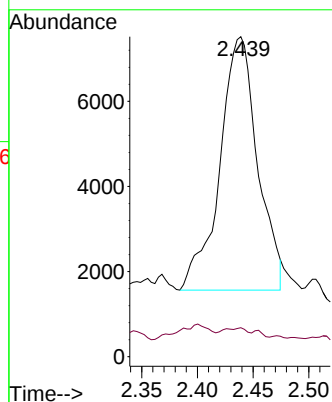
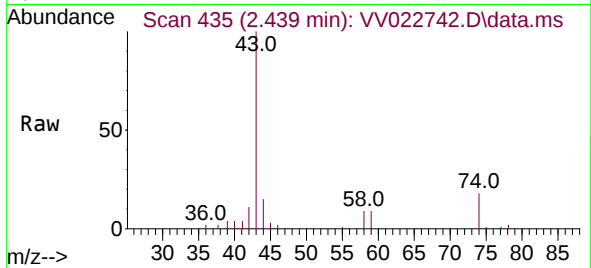




#13
Acetone
Concen: 12.380 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.251 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

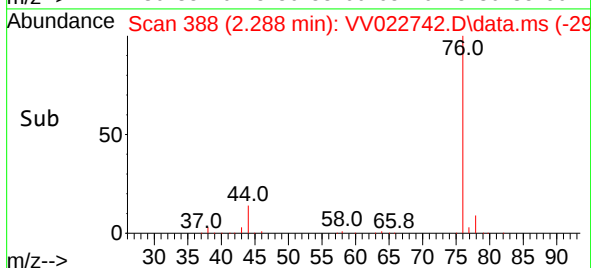
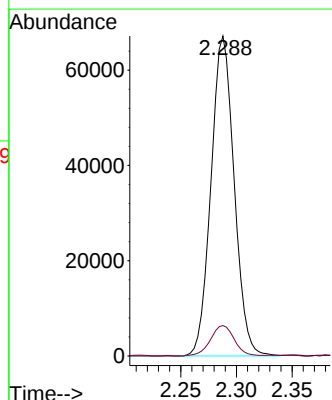
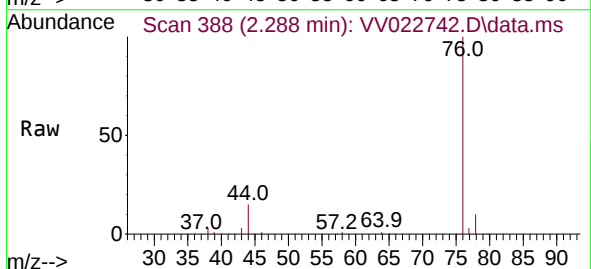
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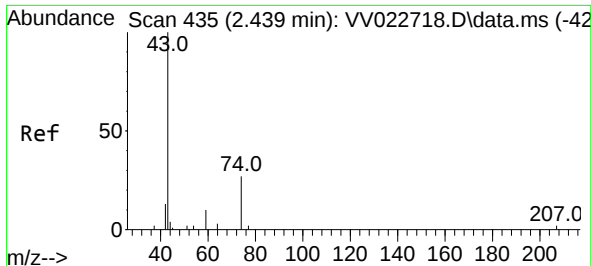
Tgt Ion: 43 Resp: 14090
Ion Ratio Lower Upper
43 100
58 4.8 0.0 24.2



#14
Carbon disulfide
Concen: 5.063 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV022742.D
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Tgt Ion: 76 Resp: 97235
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

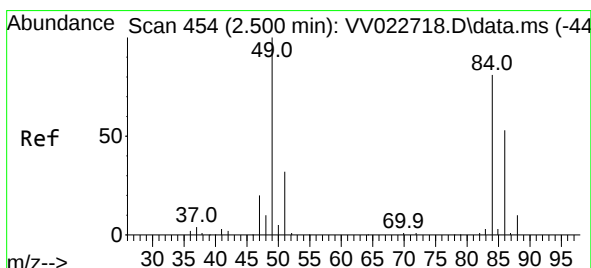
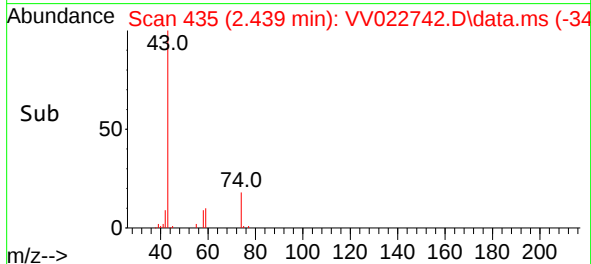
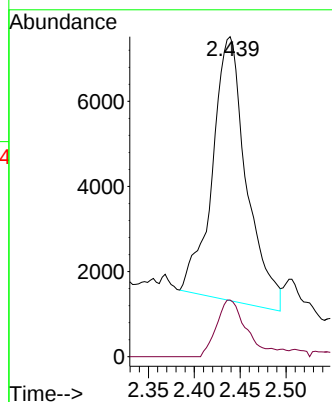
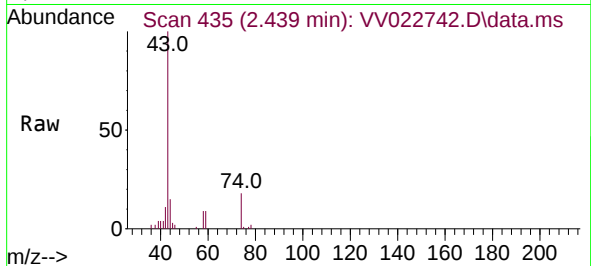




#15
Methyl Acetate
Concen: 4.915 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

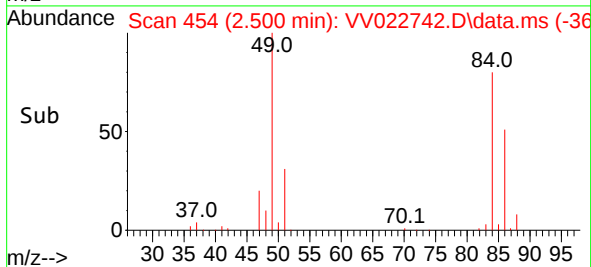
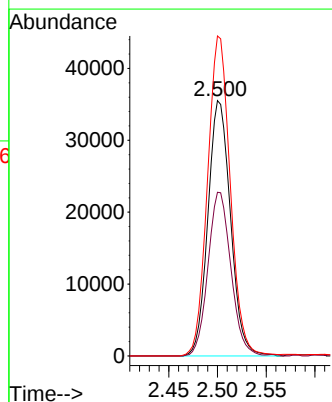
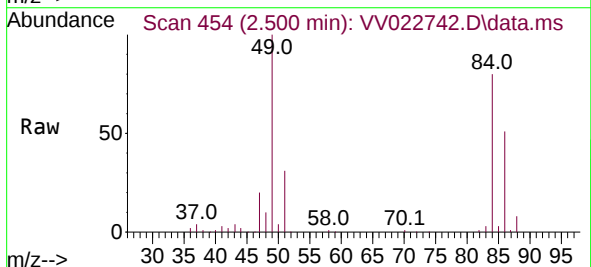
Instrument :
MSVOA_V
ClientSampled :

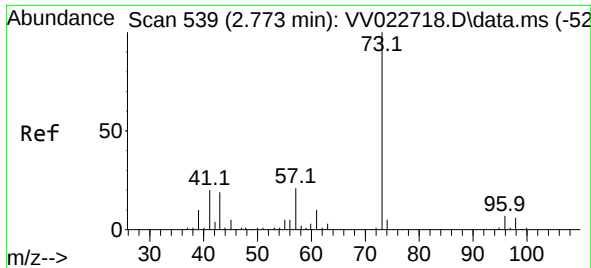
Tgt Ion: 43 Resp: 16004
Ion Ratio Lower Upper
43 100
74 19.0 19.9 29.9#



#16
Methylene chloride
Concen: 6.088 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 84 Resp: 57272
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.2
49 125.3 90.3 167.7

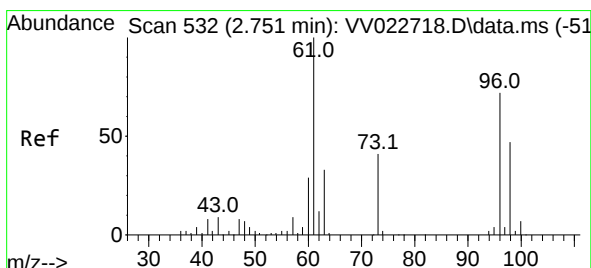
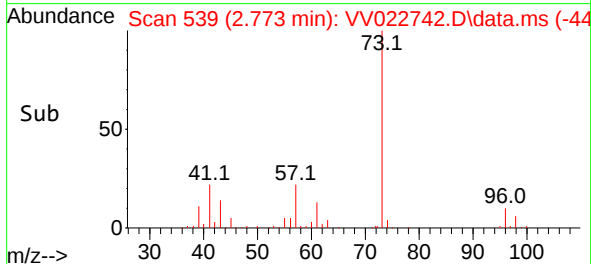
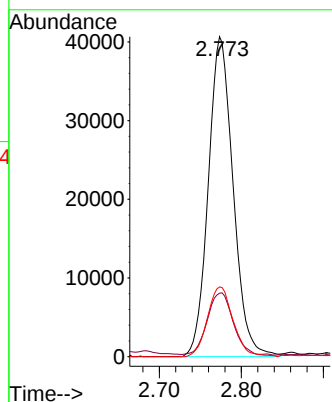
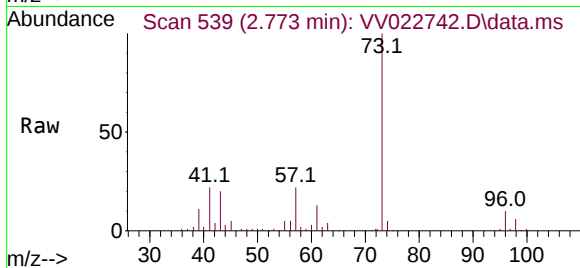




#17
Methyl tert-butyl Ether
Concen: 5.171 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

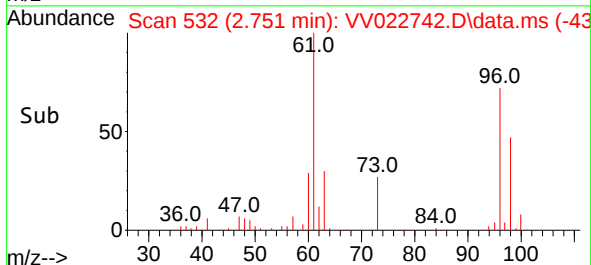
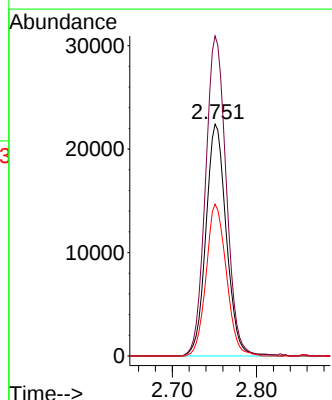
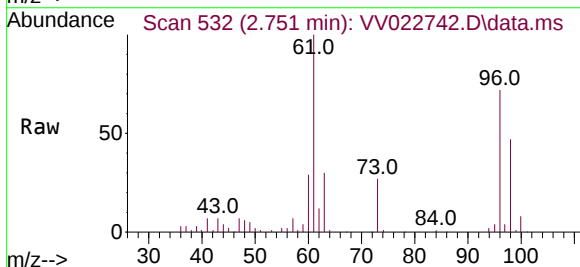
Instrument :
MSVOA_V
ClientSampleId :

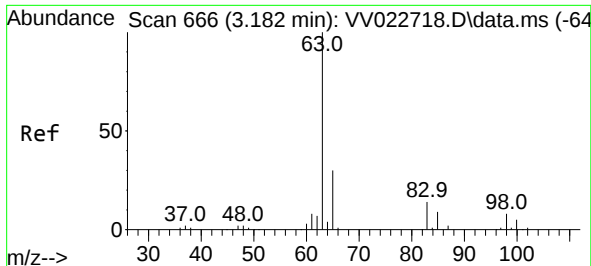
Tgt Ion: 73	Resp: 85509
Ion Ratio	Lower Upper
73 100	
43 19.7	17.1 25.7
57 22.5	17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.083 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 96	Resp: 37778
Ion Ratio	Lower Upper
96 100	
61 138.0	94.5 175.5
98 65.5	44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.285 ug/L

RT: 3.182 min Scan# 666

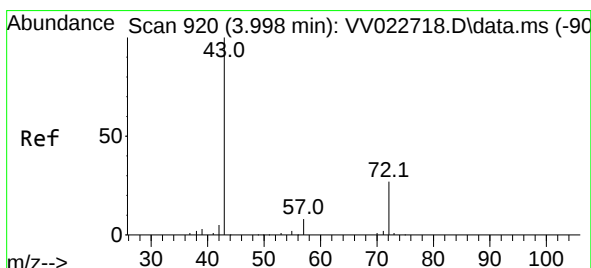
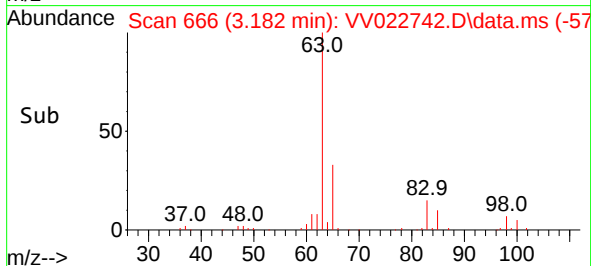
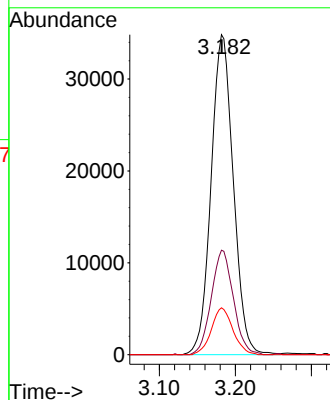
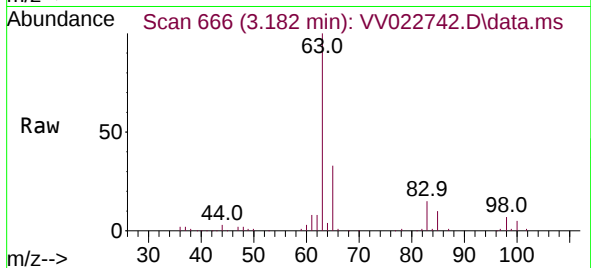
Delta R.T. 0.000 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion:	63	Resp:	70739
Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.5	43.7
83	14.6	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 30.939 ug/L

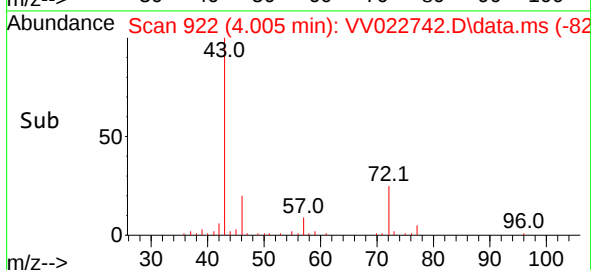
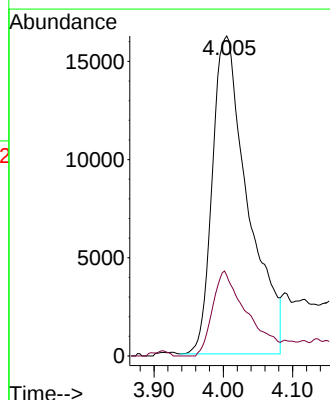
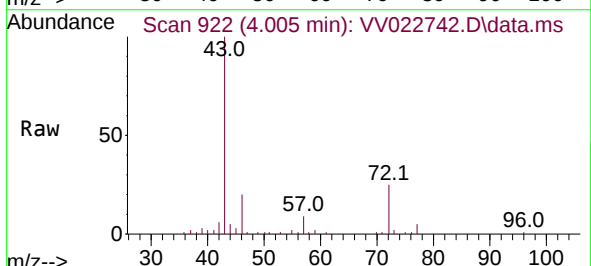
RT: 4.005 min Scan# 922

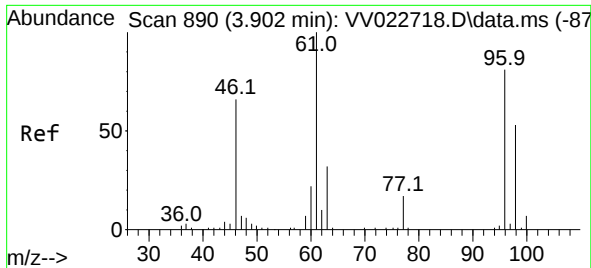
Delta R.T. 0.006 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion:	43	Resp:	57654
Ion	Ratio	Lower	Upper
43	100		
72	26.2	12.3	36.8



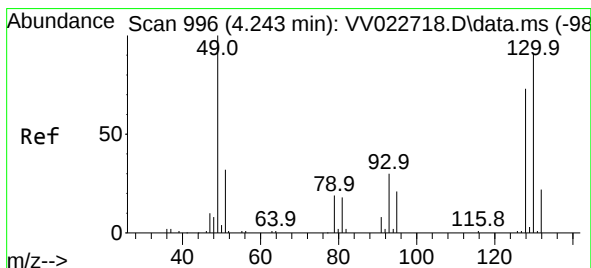
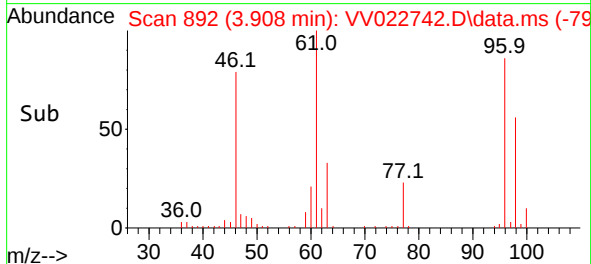
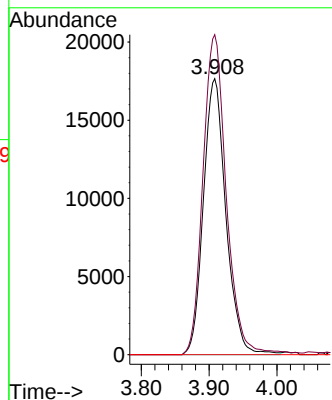
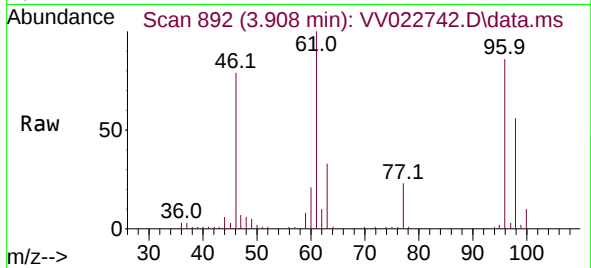


#22
 cis-1,2-Dichloroethene
 Concen: 5.229 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 40808

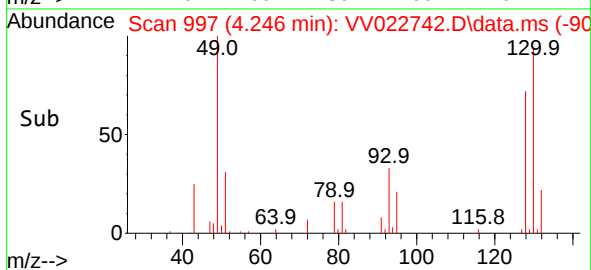
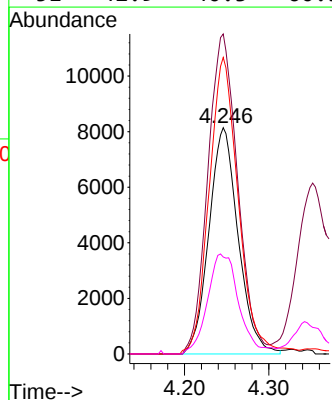
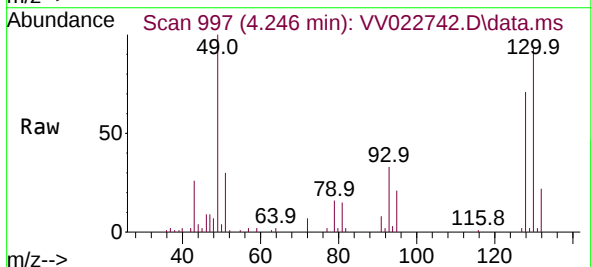
Ion	Ratio	Lower	Upper
96	100		
61	115.9	86.0	159.6
68	0.0	0.0	0.0

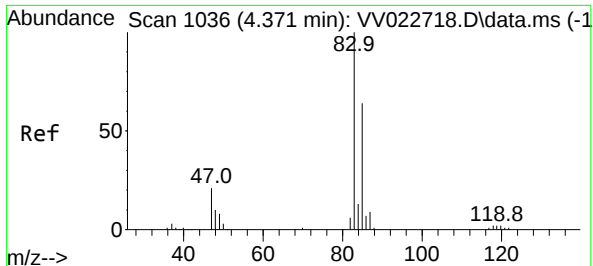


#23
 Bromochloromethane
 Concen: 5.653 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

Tgt Ion: 128 Resp: 19597

Ion	Ratio	Lower	Upper
128	100		
49	141.4	106.9	198.5
130	131.0	91.9	170.7
51	42.9	40.3	60.5



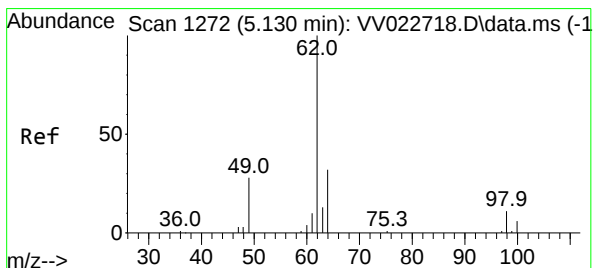
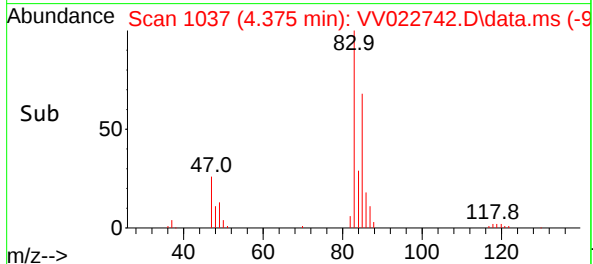
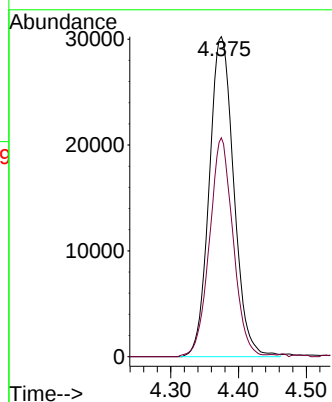
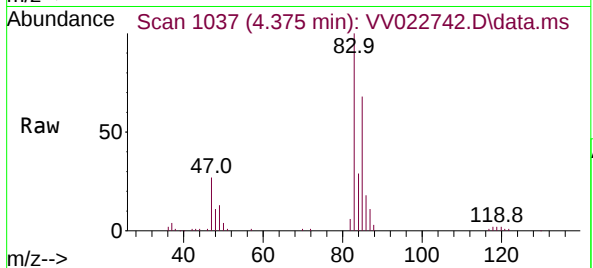


#25

Chloroform
Concen: 4.903 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Instrument :
MSVOA_V
ClientSampled :

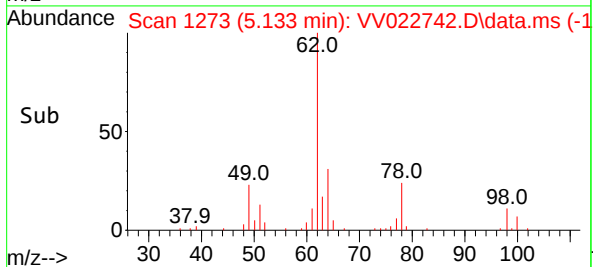
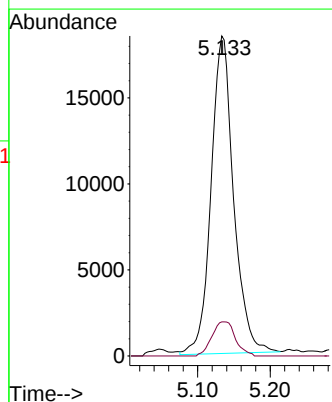
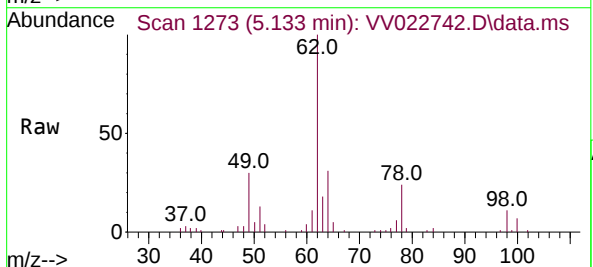
Tgt Ion: 83 Resp: 76083
Ion Ratio Lower Upper
83 100
85 68.4 45.7 84.9

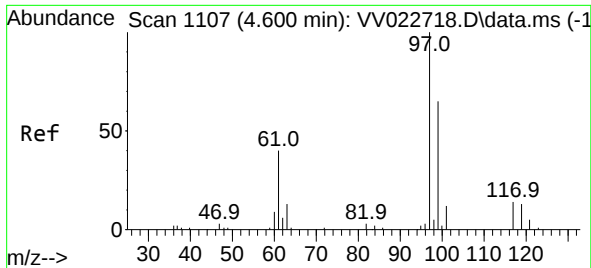


#27

1,2-Dichloroethane
Concen: 5.148 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 62 Resp: 39871
Ion Ratio Lower Upper
62 100
98 10.7 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 4.933 ug/L

RT: 4.603 min Scan# 1108

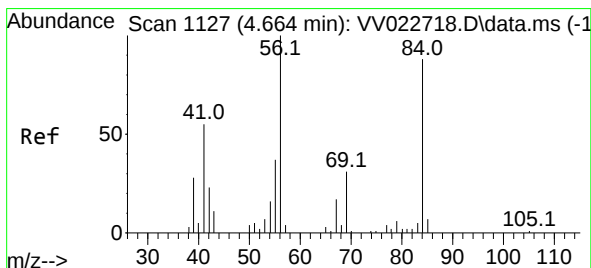
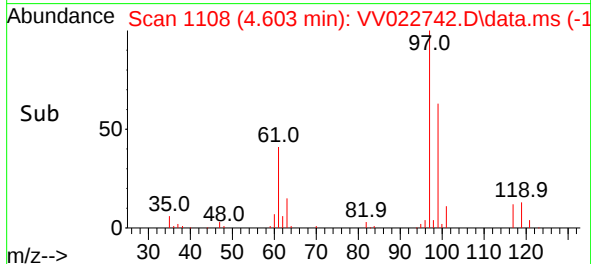
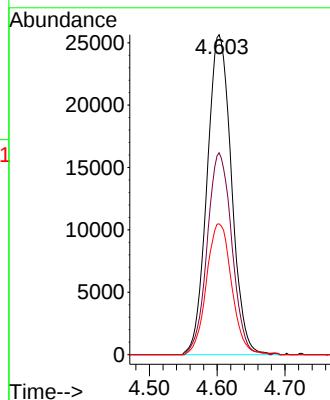
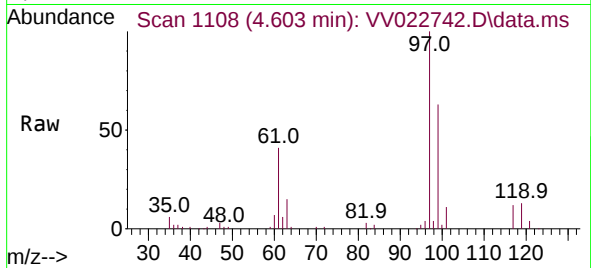
Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion: 97	Resp: 64158
Ion Ratio	Lower Upper
97 100	
99 63.7	51.2 76.8
61 42.2	33.2 49.8

Instrument :
MSVOA_V
ClientSampled :



#30

Cyclohexane

Concen: 4.555 ug/L

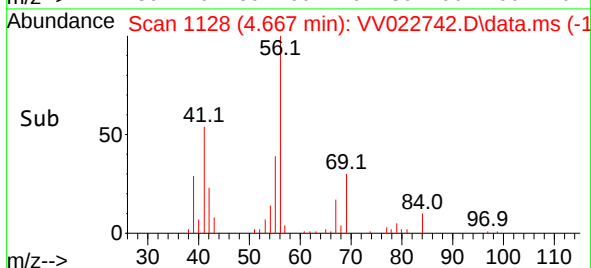
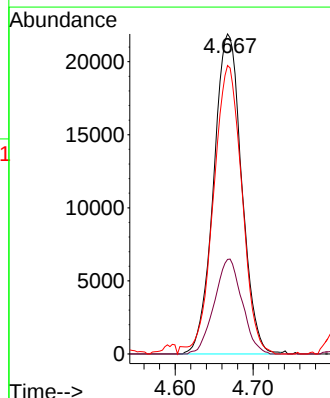
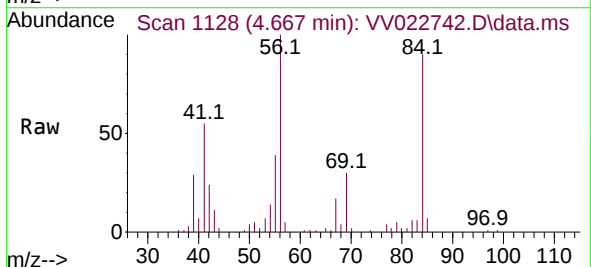
RT: 4.667 min Scan# 1128

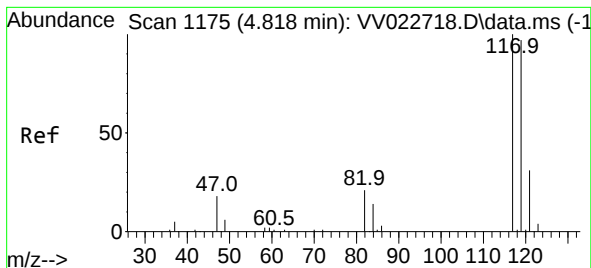
Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion: 56	Resp: 54667
Ion Ratio	Lower Upper
56 100	
69 29.3	24.9 37.3
84 91.0	72.5 108.7





#31

Carbon tetrachloride

Concen: 4.974 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV022742.D

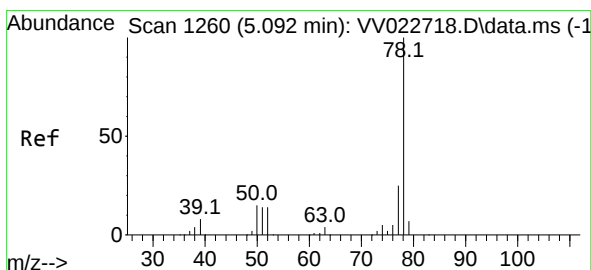
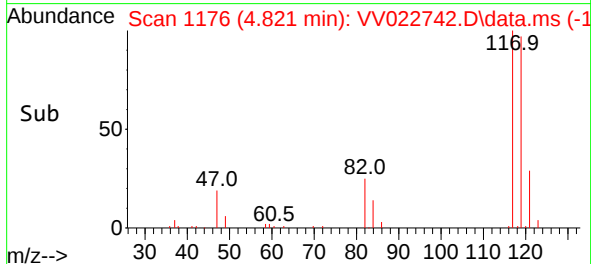
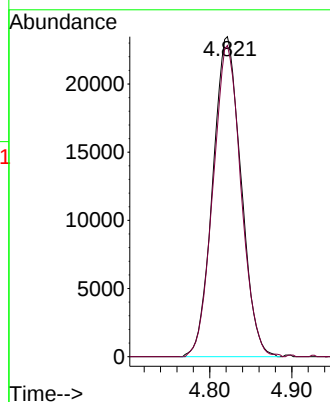
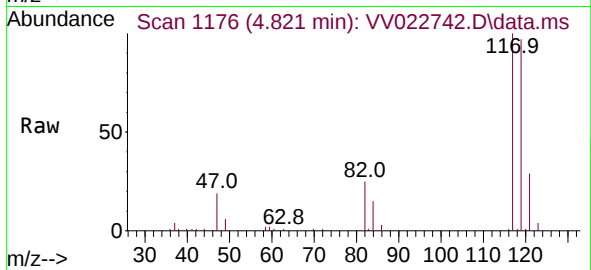
Acq: 11 Oct 2021 20:16

Tgt Ion:117 Resp: 56154

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0



#33

Benzene

Concen: 5.032 ug/L

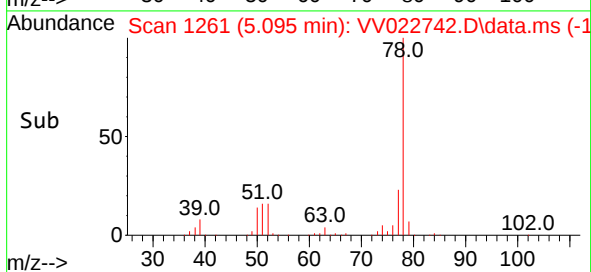
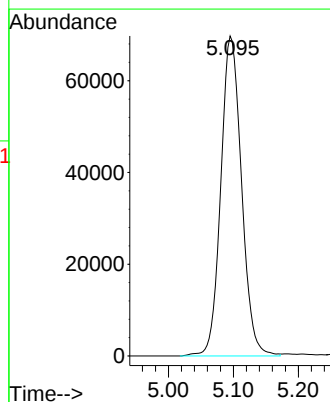
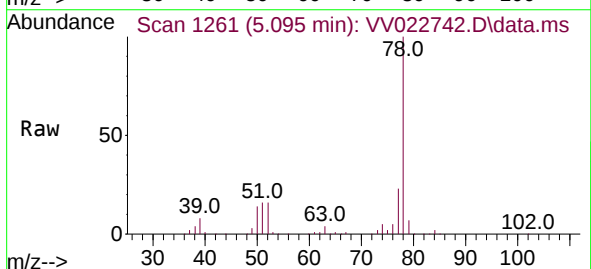
RT: 5.095 min Scan# 1261

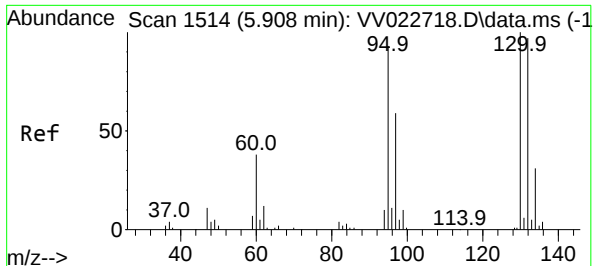
Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion: 78 Resp: 154349





#34

Trichloroethene

Concen: 4.887 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion: 95 Resp: 40763

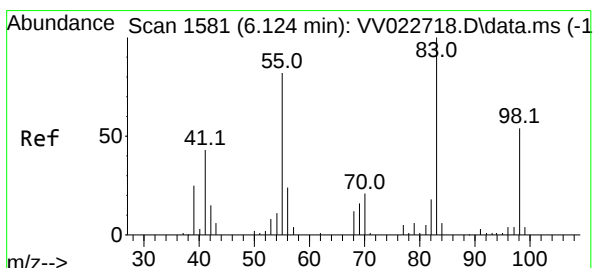
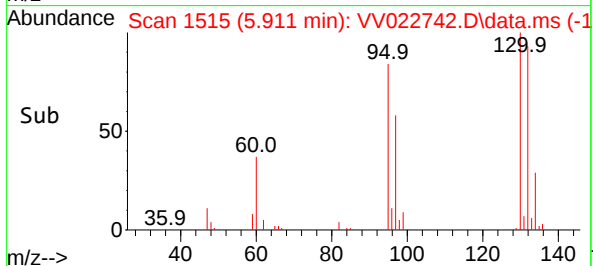
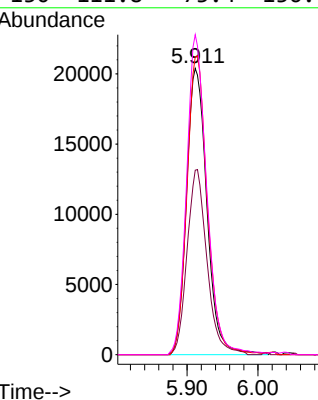
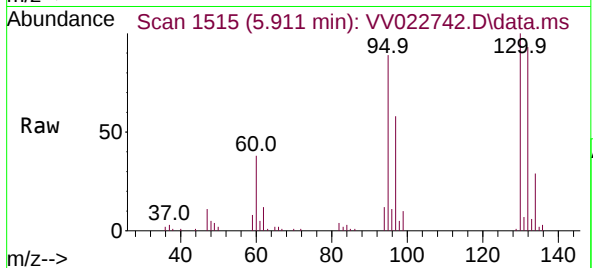
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 104.1 72.2 134.0

130 111.8 73.4 136.4



#35

Methylcyclohexane

Concen: 4.935 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

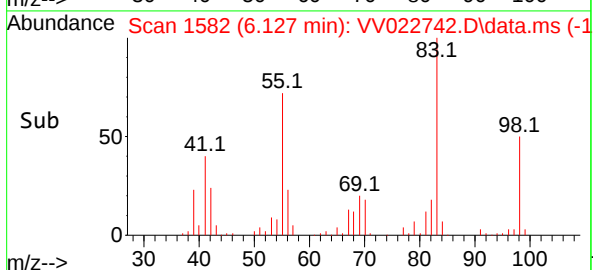
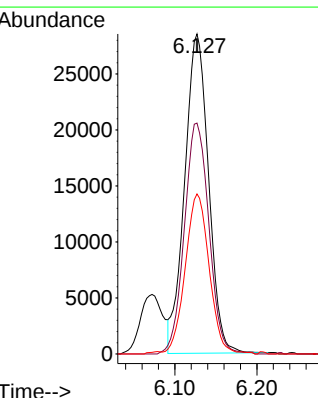
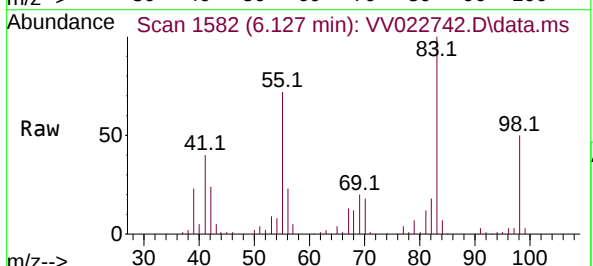
Tgt Ion: 83 Resp: 57668

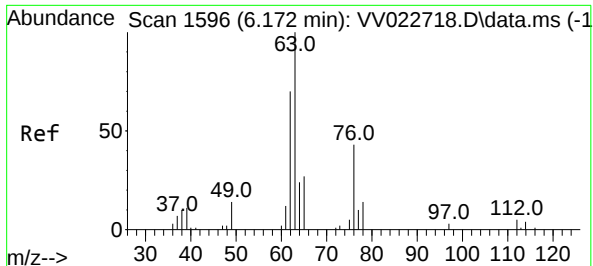
Ion Ratio Lower Upper

83 100

55 74.6 63.8 95.6

98 50.3 42.1 63.1

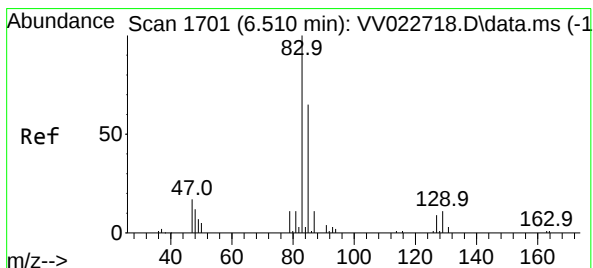
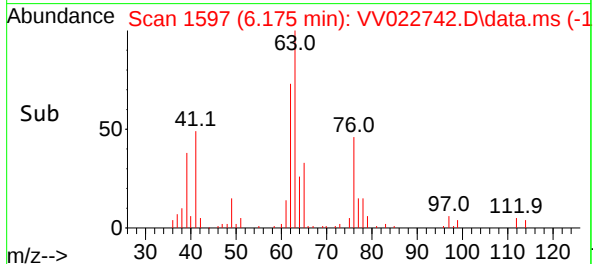
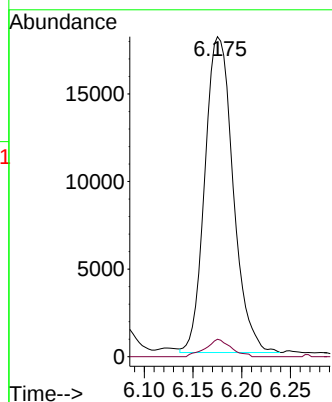
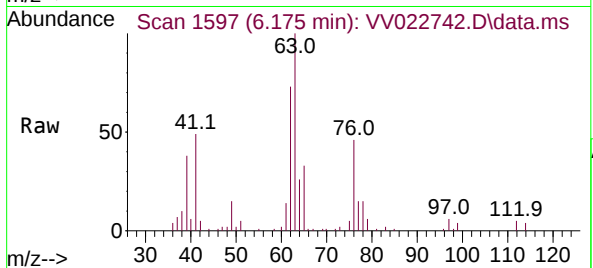




#37
1,2-Dichloropropane
Concen: 4.940 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

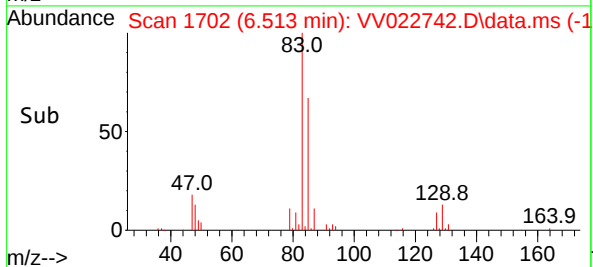
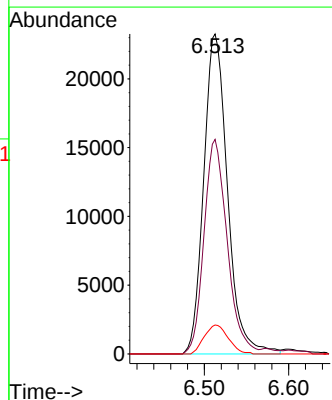
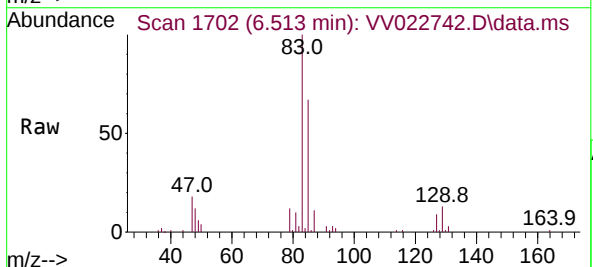
Instrument :
MSVOA_V
ClientSampled :

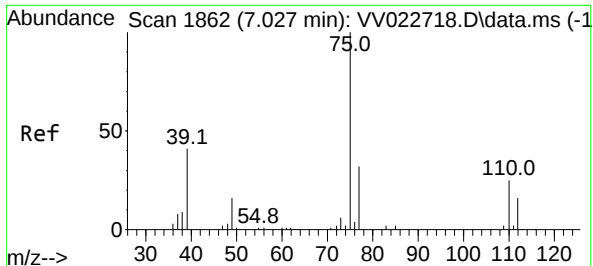
Tgt Ion: 63 Resp: 36444
Ion Ratio Lower Upper
63 100
112 4.9 4.4 6.6



#38
Bromodichloromethane
Concen: 5.031 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 83 Resp: 45733
Ion Ratio Lower Upper
83 100
85 67.1 44.3 82.3
127 9.1 7.7 11.5

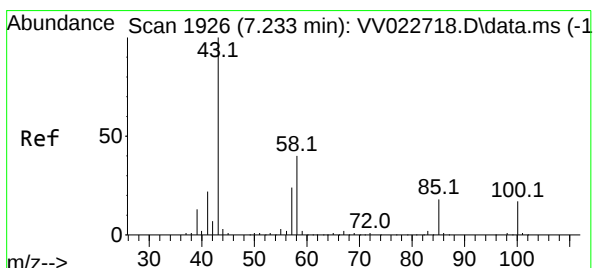
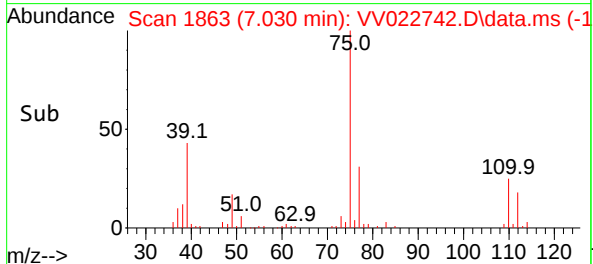
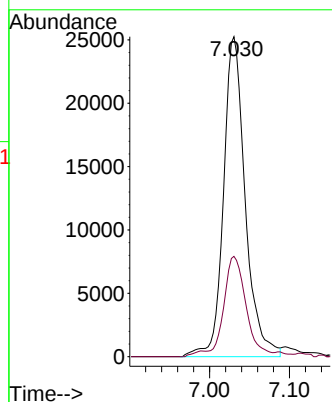
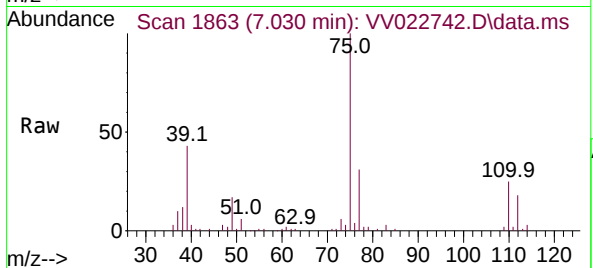




#39
 cis-1,3-Dichloropropene
 Concen: 4.882 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

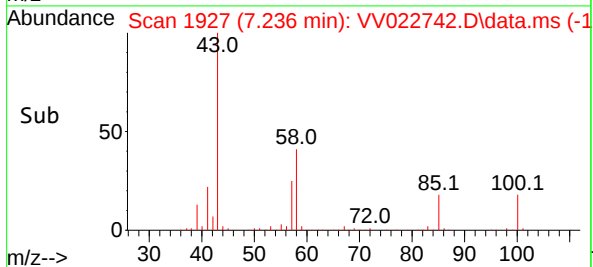
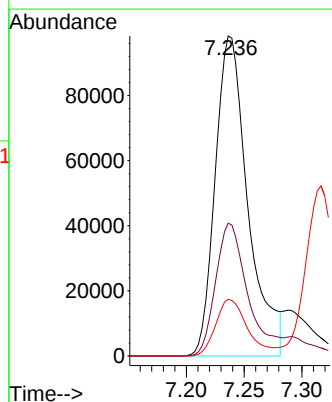
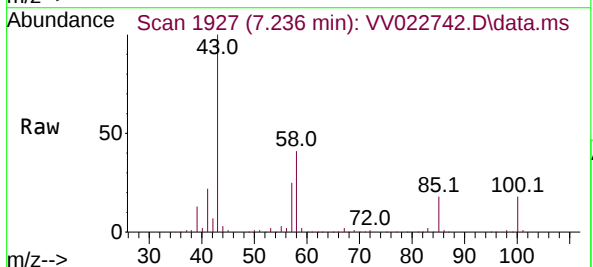
Instrument :
 MSVOA_V
 ClientSampled :

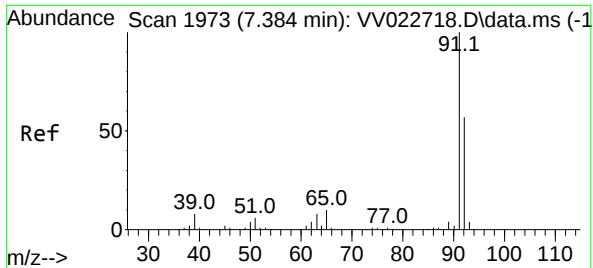
Tgt Ion: 75 Resp: 47678
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 48.929 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.003 min
 Lab File: VV022742.D
 Acq: 11 Oct 2021 20:16

Tgt Ion: 43 Resp: 193952
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.0 48.0
 100 17.3 14.2 21.2

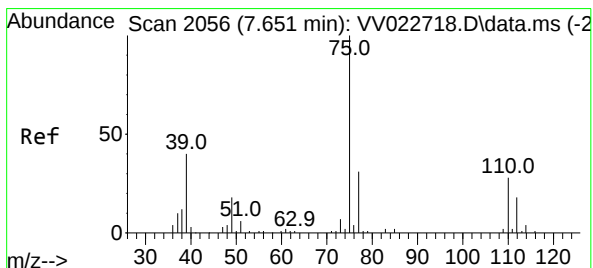
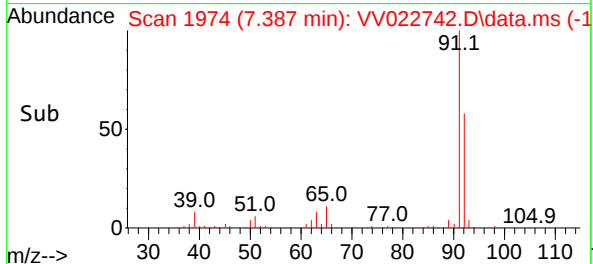
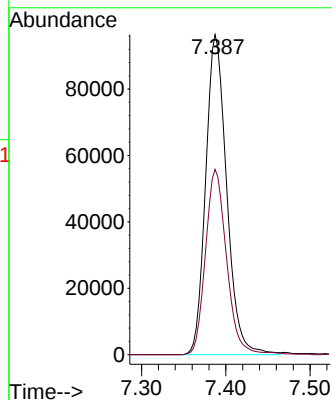
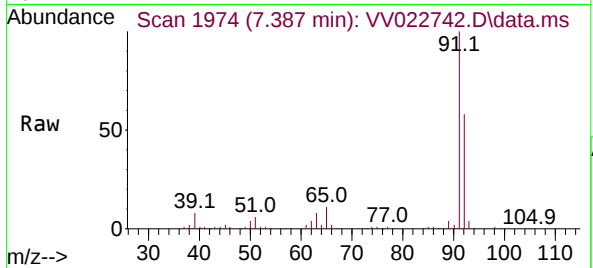




#42
Toluene
Concen: 5.367 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

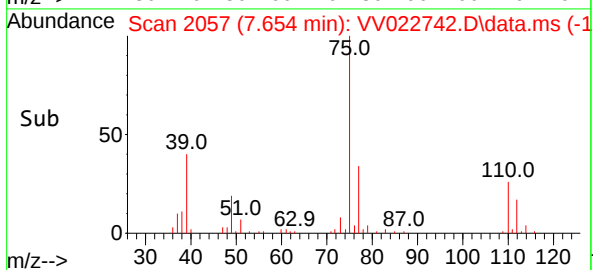
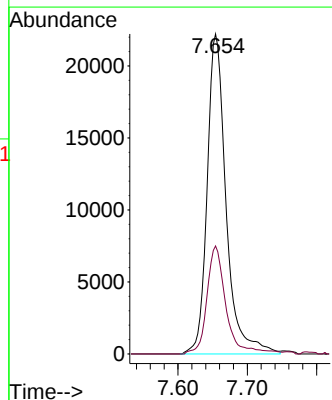
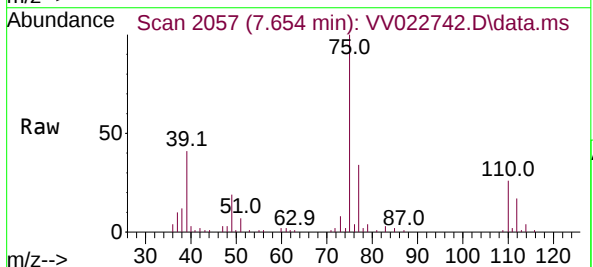
Instrument :
MSVOA_V
ClientSampled :

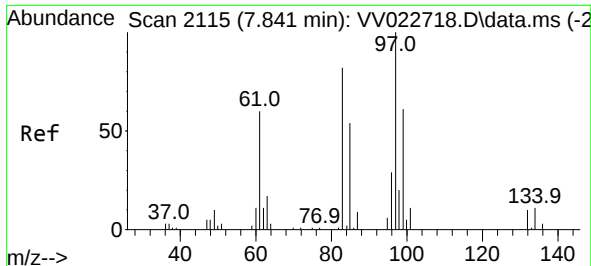
Tgt Ion: 91 Resp: 167146
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.290 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 75 Resp: 42119
Ion Ratio Lower Upper
75 100
77 33.8 23.9 44.5





#45

1,1,2-Trichloroethane

Concen: 5.245 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion: 97 Resp: 28711

Ion Ratio Lower Upper

97 100

99 61.5 44.5 82.7

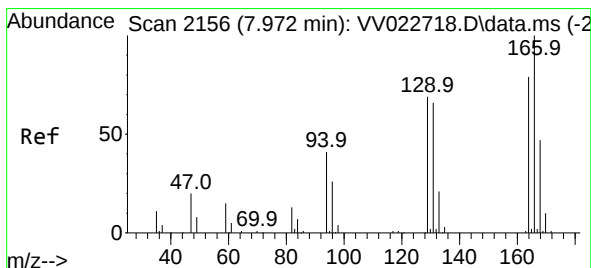
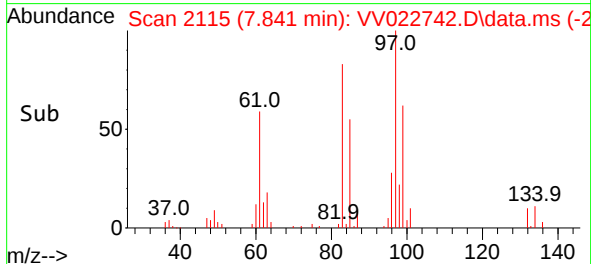
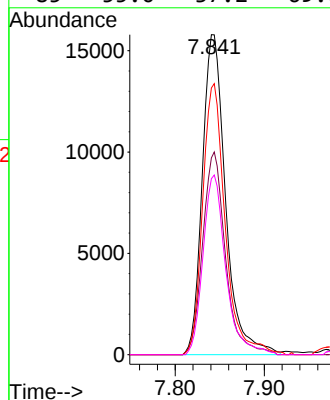
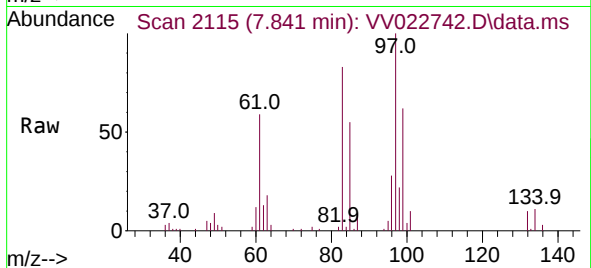
83 83.3 56.6 105.0

85 55.0 37.2 69.0

Instrument :

MSVOA_V

ClientSampleId :



#47

Tetrachloroethene

Concen: 5.102 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion:164 Resp: 34419

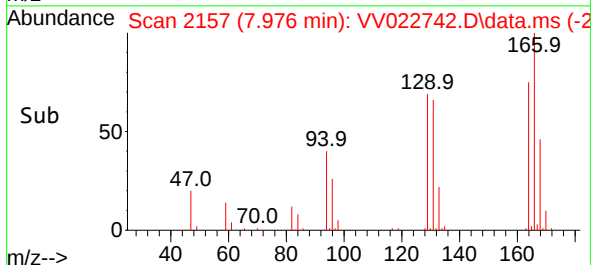
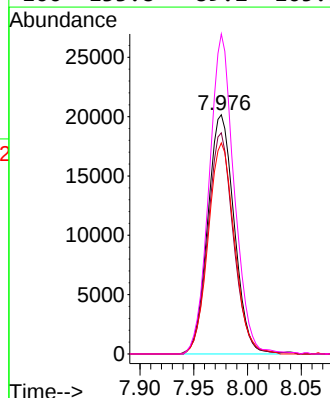
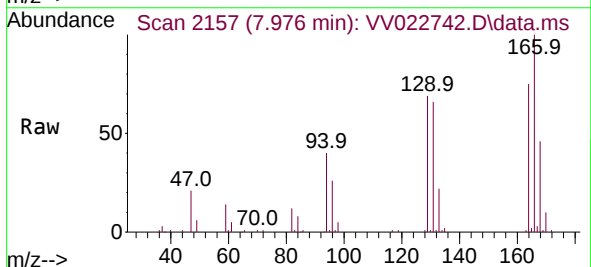
Ion Ratio Lower Upper

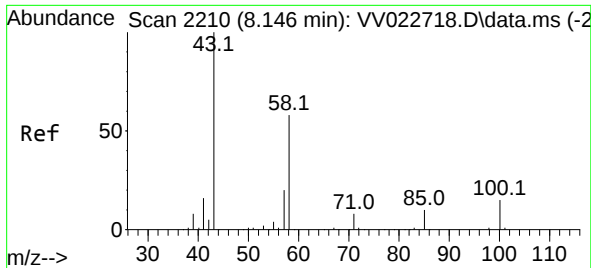
164 100

129 92.5 65.0 120.6

131 88.3 62.2 115.4

166 133.8 89.2 165.8



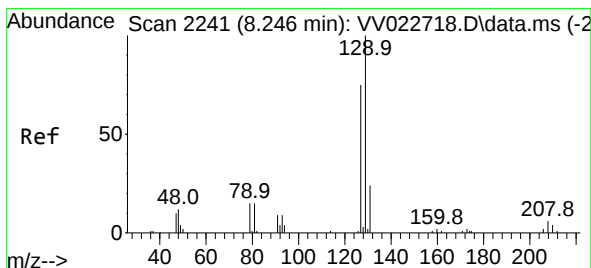
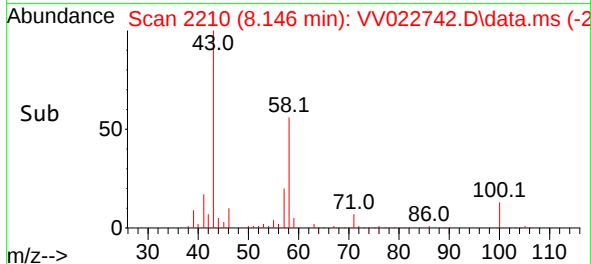
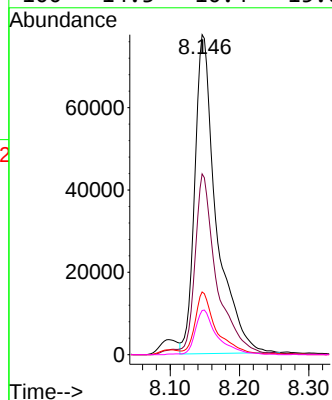
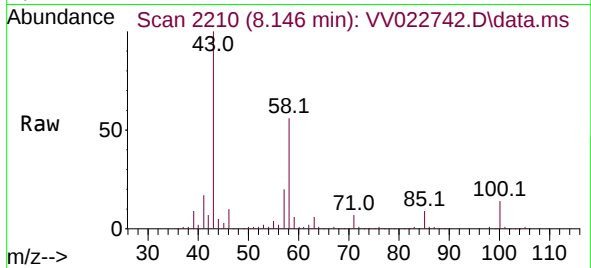


#48
2-Hexanone
Concen: 57.905 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 167826

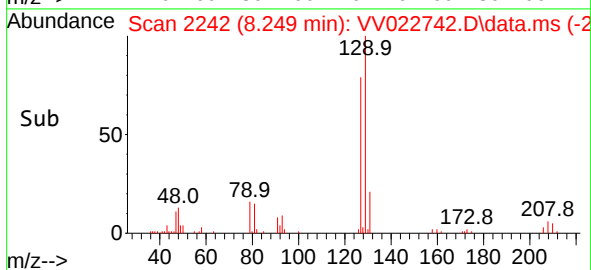
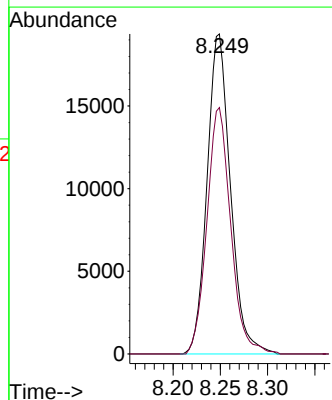
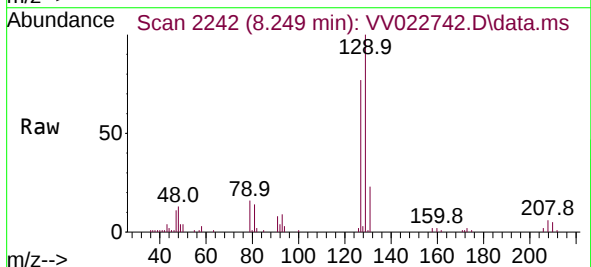
Ion	Ratio	Lower	Upper
43	100		
58	57.8	47.4	71.0
57	18.8	15.3	22.9
100	14.3	10.4	15.6

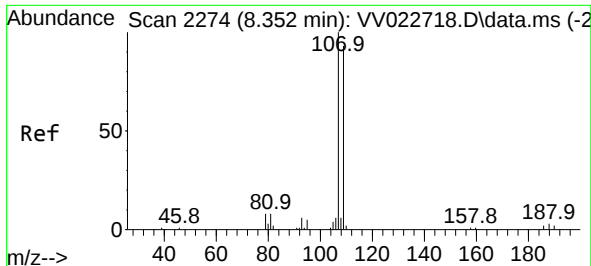


#49
Dibromochloromethane
Concen: 5.197 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 129 Resp: 33302

Ion	Ratio	Lower	Upper
129	100		
127	77.0	59.1	109.9





#50

1,2-Dibromoethane

Concen: 5.373 ug/L

RT: 8.355 min Scan# 2275

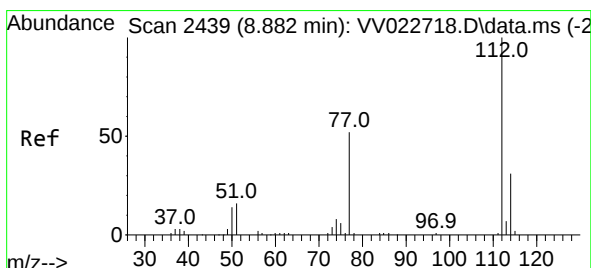
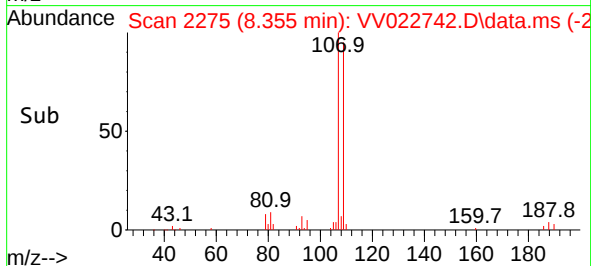
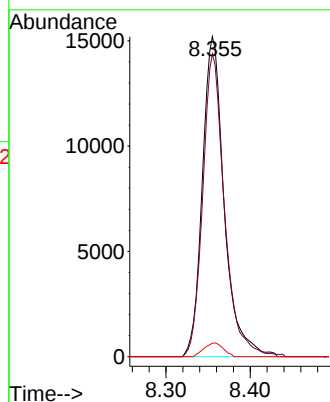
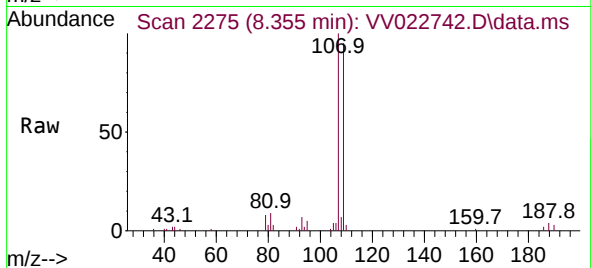
Delta R.T. 0.003 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion:	107	Resp:	27466
Ion	Ratio	Lower	Upper
107	100		
109	94.7	67.1	124.5
188	4.2	3.4	5.0

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 5.183 ug/L

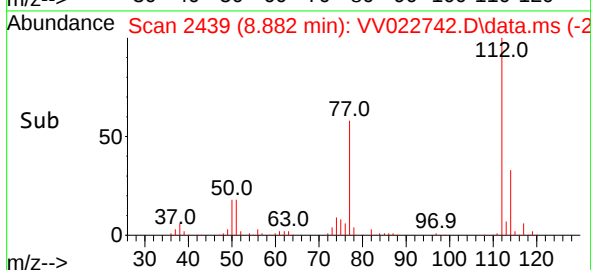
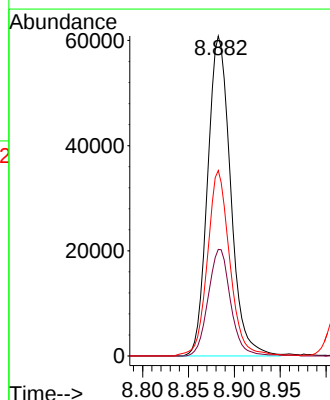
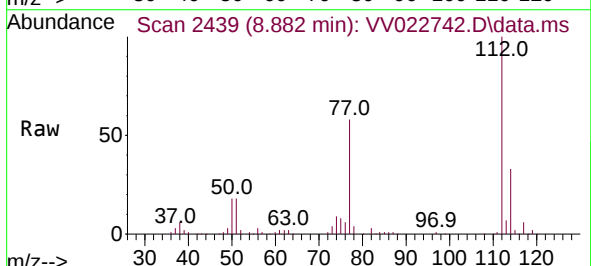
RT: 8.882 min Scan# 2439

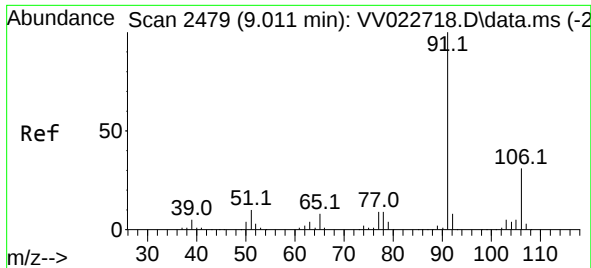
Delta R.T. 0.000 min

Lab File: VV022742.D

Acq: 11 Oct 2021 20:16

Tgt Ion:	112	Resp:	106048
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.6	40.2
77	58.0	43.7	65.5

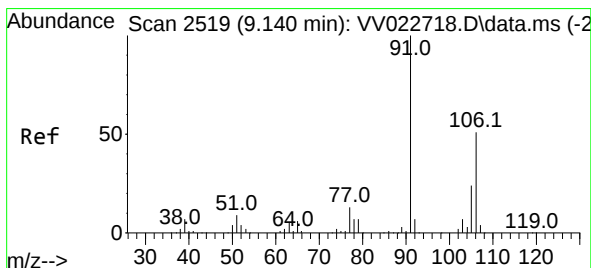
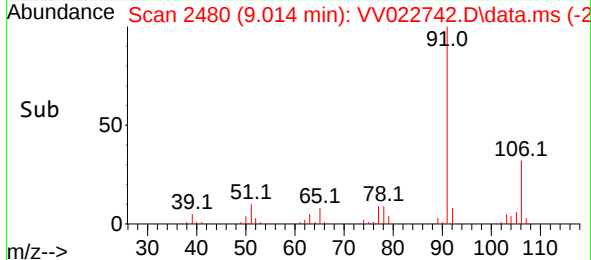
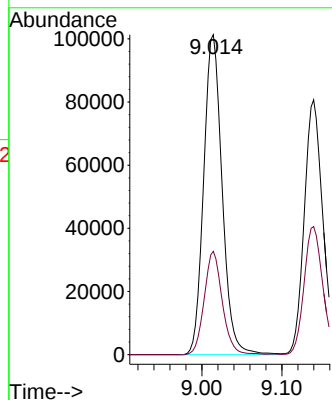
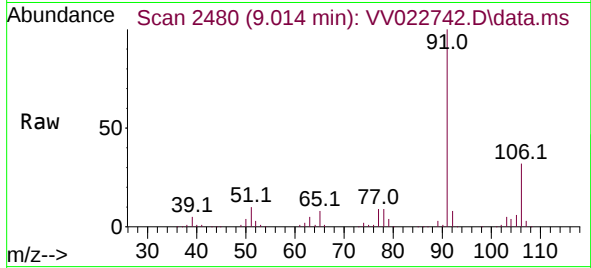




#52
Ethylbenzene
Concen: 5.159 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

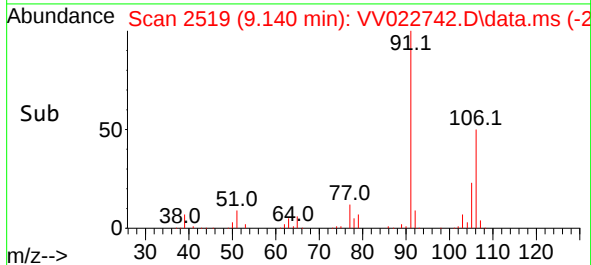
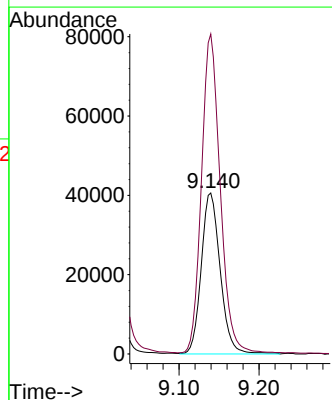
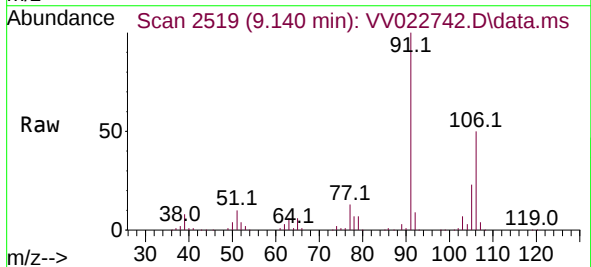
Instrument :
MSVOA_V
ClientSampled :

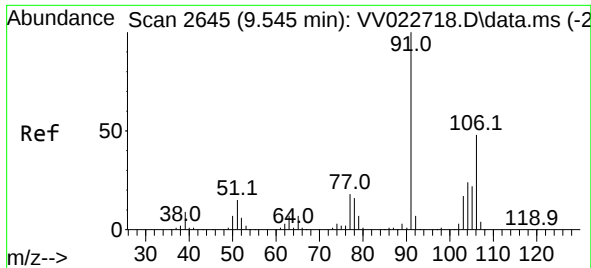
Tgt Ion: 91 Resp: 163093
Ion Ratio Lower Upper
91 100
106 32.3 21.6 40.2



#53
m,p-xylene
Concen: 5.403 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 106 Resp: 67040
Ion Ratio Lower Upper
106 100
91 198.8 138.7 257.5

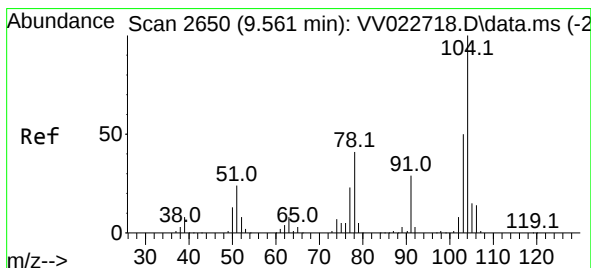
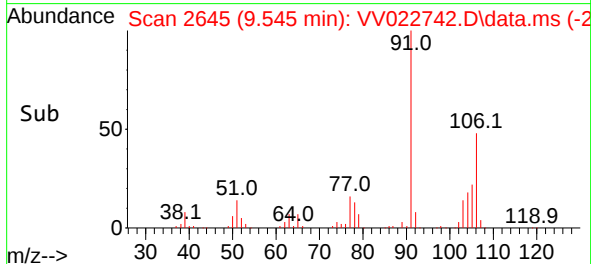
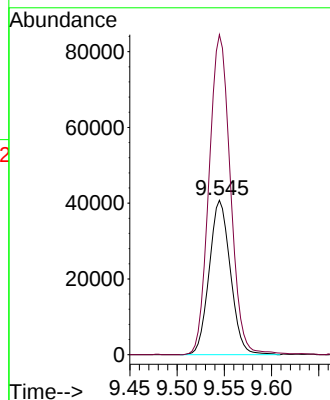
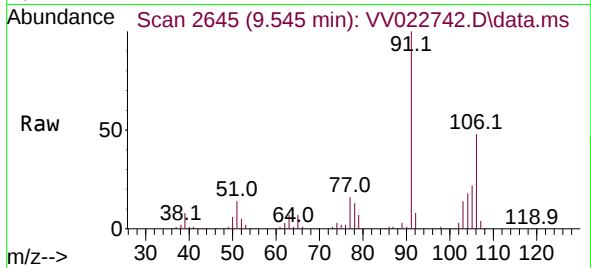




#54
o-xylene
Concen: 5.444 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

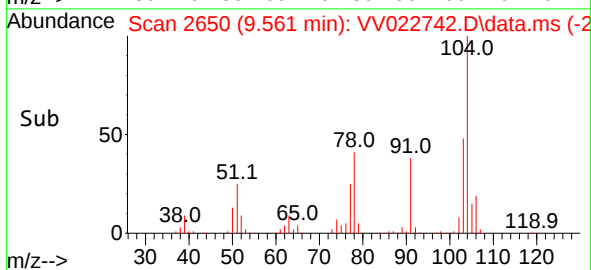
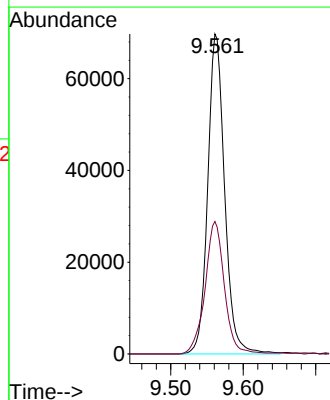
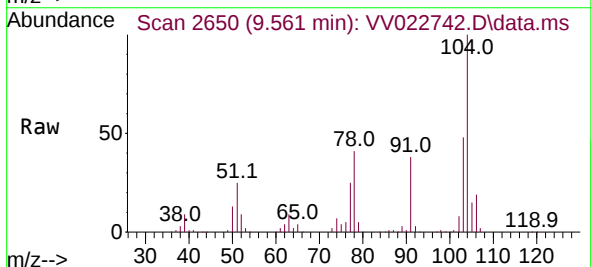
Instrument :
MSVOA_V
ClientSampleId :

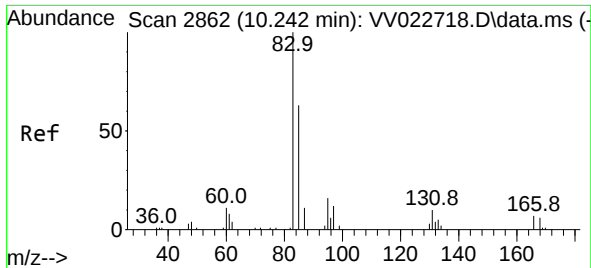
Tgt Ion:106 Resp: 63548
Ion Ratio Lower Upper
106 100
91 207.2 151.1 280.7



#55
Styrene
Concen: 5.622 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:104 Resp: 113069
Ion Ratio Lower Upper
104 100
78 41.4 29.5 54.7

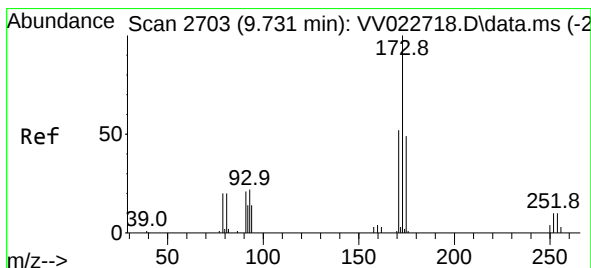
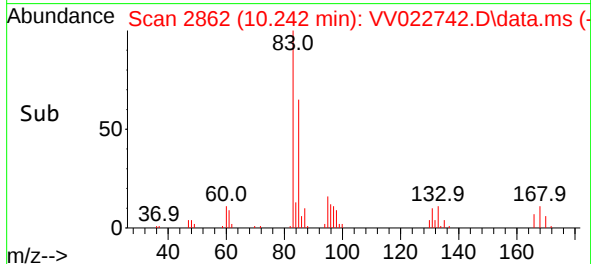
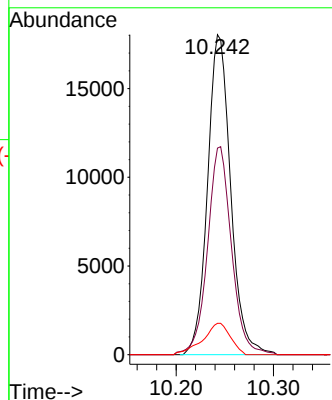
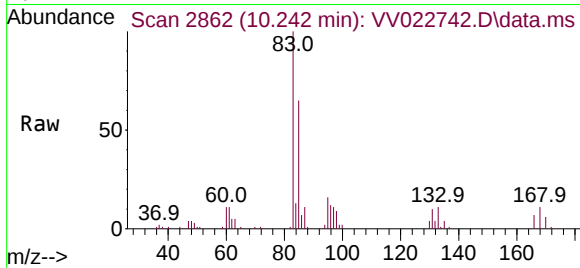




#57
1,1,2,2-Tetrachloroethane
Concen: 5.376 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

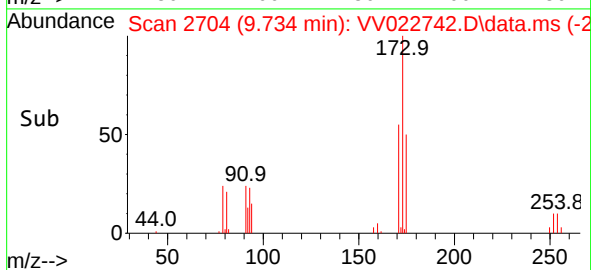
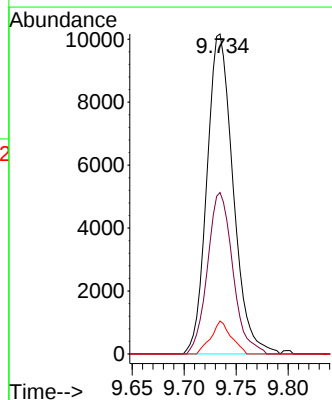
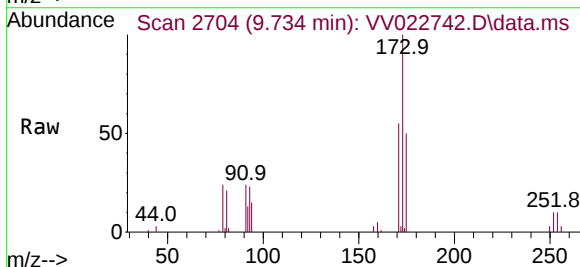
Instrument :
MSVOA_V
ClientSampleId :

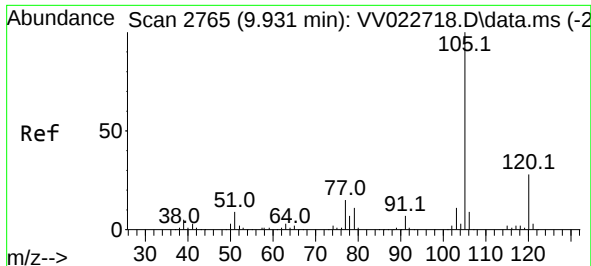
Tgt Ion:	83	Resp:	29776
Ion	Ratio	Lower	Upper
83	100		
85	64.5	46.0	85.4
131	9.8	8.4	12.6



#59
Bromoform
Concen: 5.076 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:	173	Resp:	17831
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.3	57.5
254	7.9	7.1	10.7

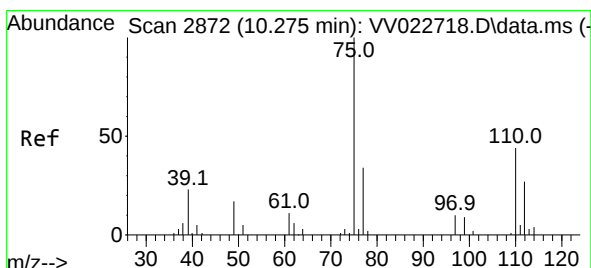
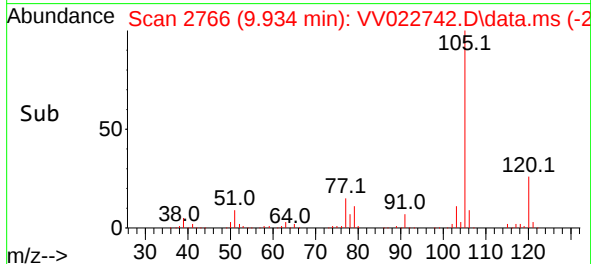
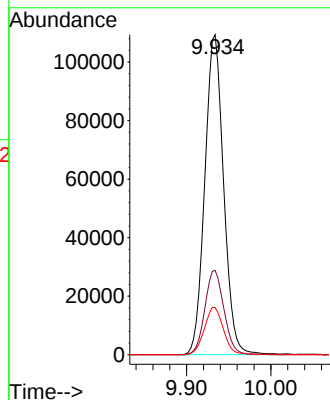
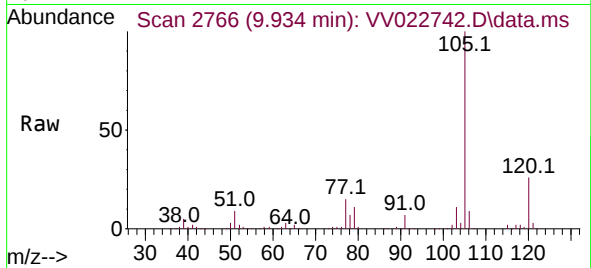




#60
Isopropylbenzene
Concen: 5.343 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

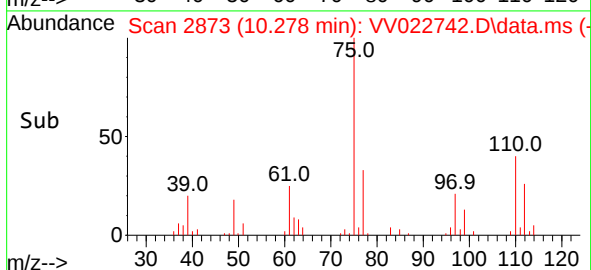
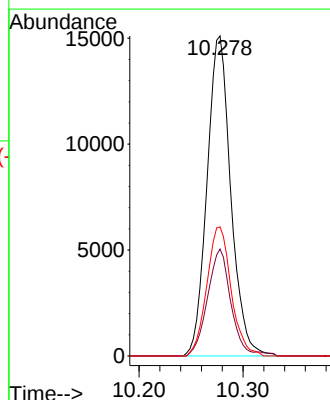
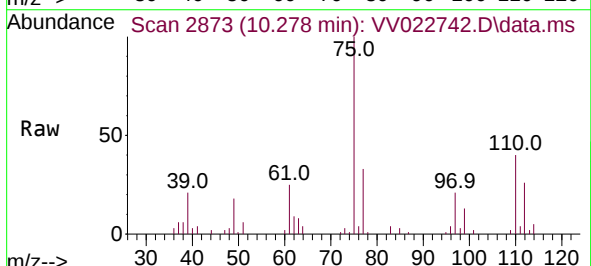
Instrument :
MSVOA_V
ClientSampled :

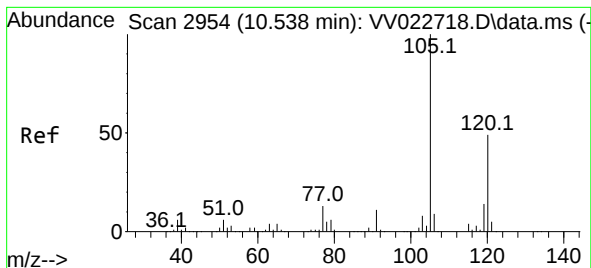
Tgt Ion:105 Resp: 170168
Ion Ratio Lower Upper
105 100
120 26.7 21.8 32.8
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.507 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 75 Resp: 23994
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
110 41.3 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 5.164 ug/L

RT: 10.541 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV022742.D

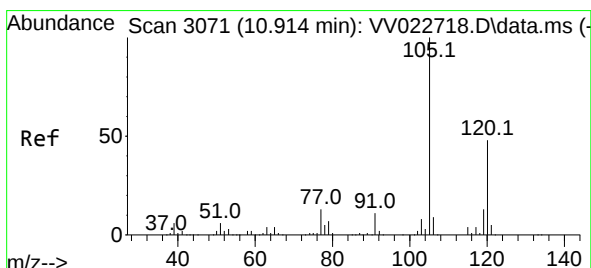
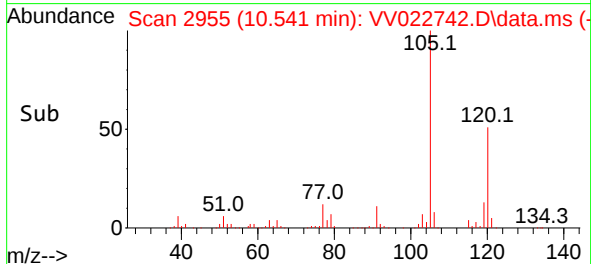
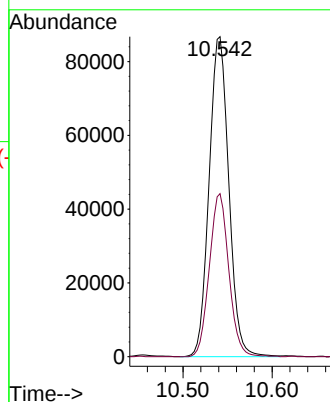
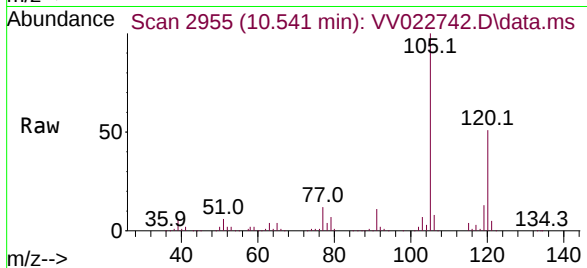
Acq: 11 Oct 2021 20:16

Tgt Ion:105 Resp: 132906

Ion Ratio Lower Upper

105 100

120 50.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.363 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV022742.D

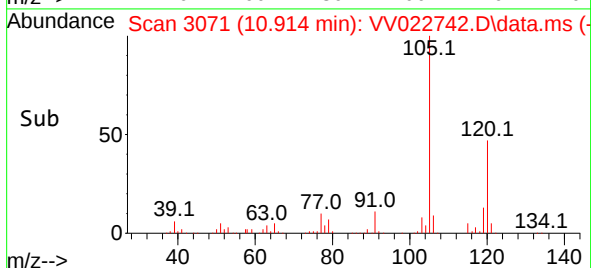
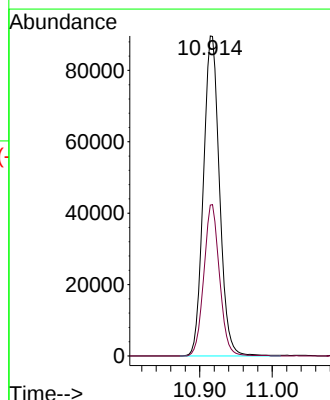
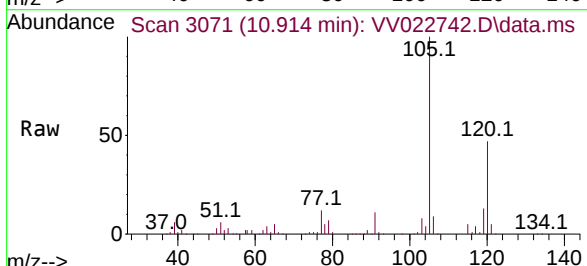
Acq: 11 Oct 2021 20:16

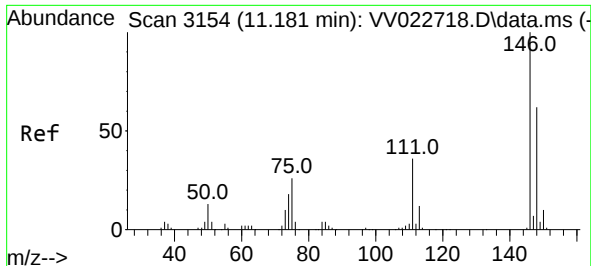
Tgt Ion:105 Resp: 138116

Ion Ratio Lower Upper

105 100

120 46.1 37.3 55.9

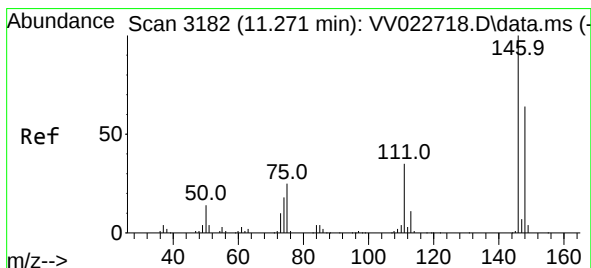
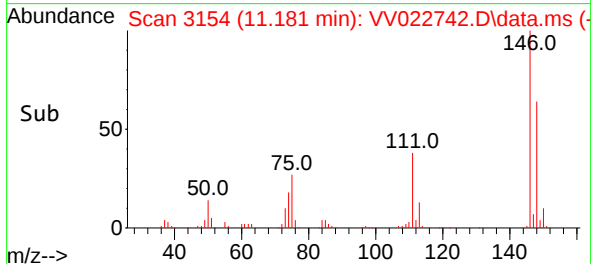
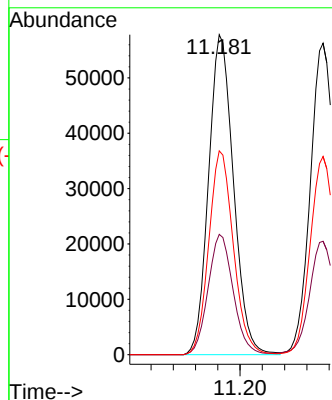
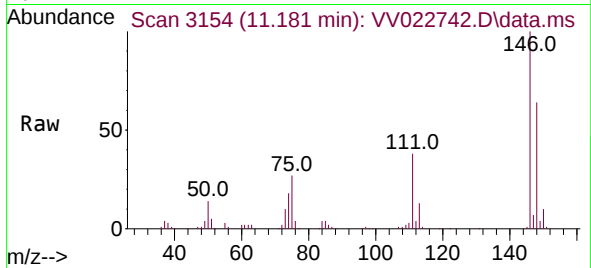




#64
1,3-Dichlorobenzene
Concen: 5.377 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

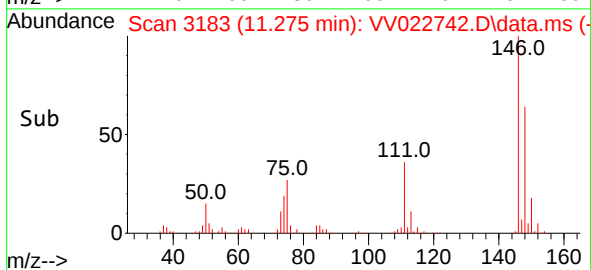
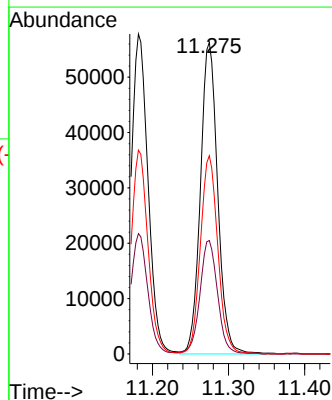
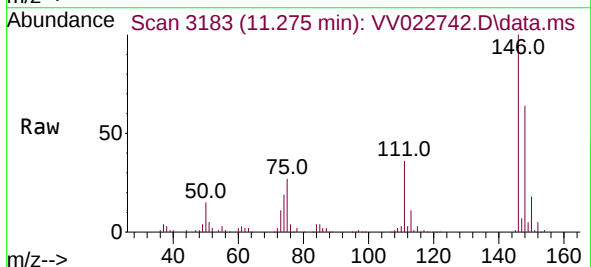
Instrument :
MSVOA_V
ClientSampleId :

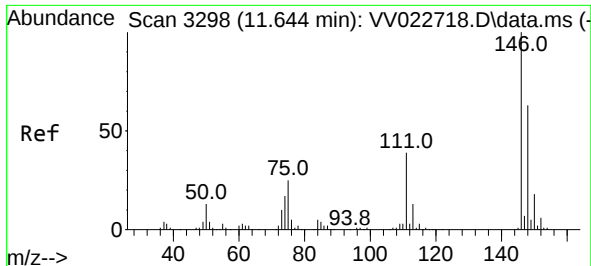
Tgt Ion:146 Resp: 89881
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 63.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.246 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:146 Resp: 89054
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.4
148 63.6 44.9 83.5

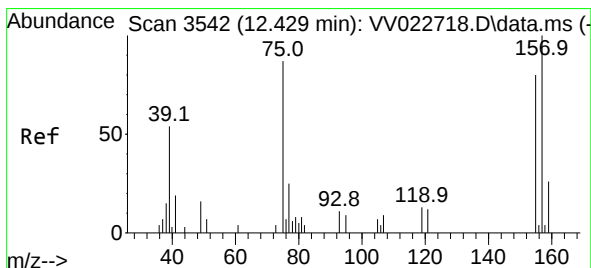
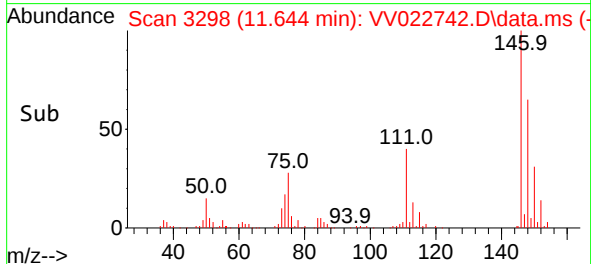
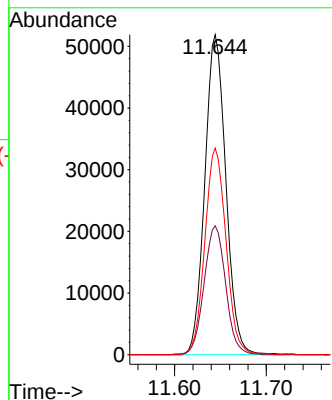
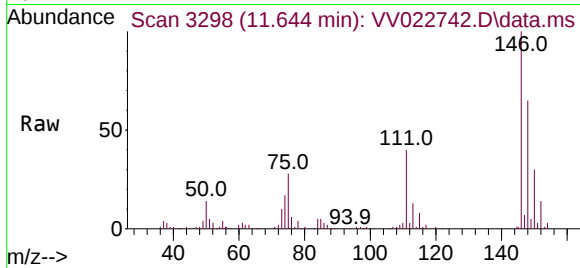




#67
1,2-Dichlorobenzene
Concen: 5.289 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

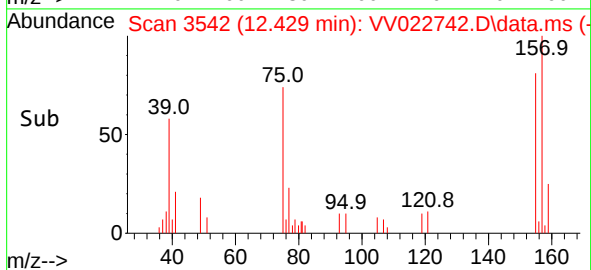
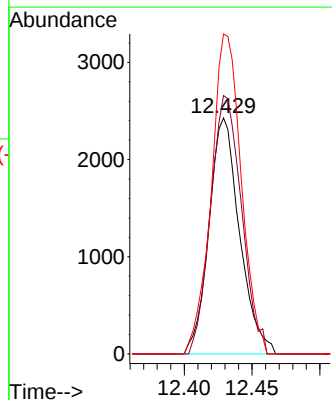
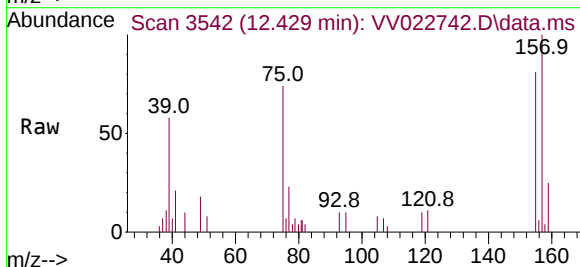
Instrument :
MSVOA_V
ClientSampled :

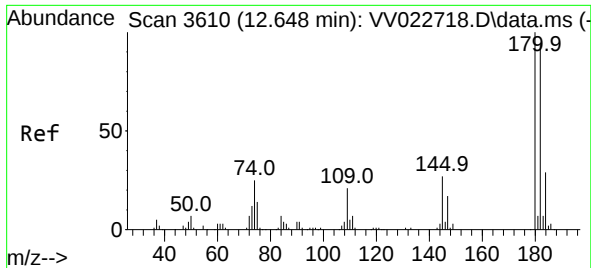
Tgt Ion:146 Resp: 82942
Ion Ratio Lower Upper
146 100
111 40.2 32.3 48.5
148 64.5 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.801 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion: 75 Resp: 3807
Ion Ratio Lower Upper
75 100
155 109.5 82.4 123.6
157 135.6 114.1 171.1

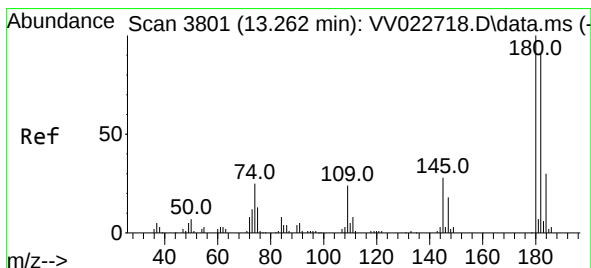
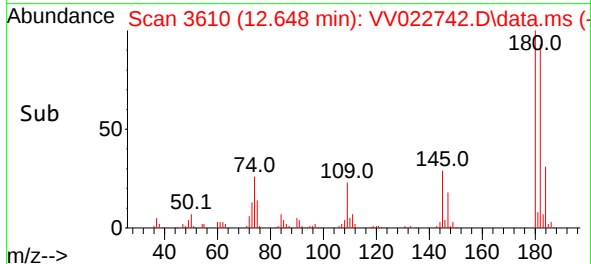
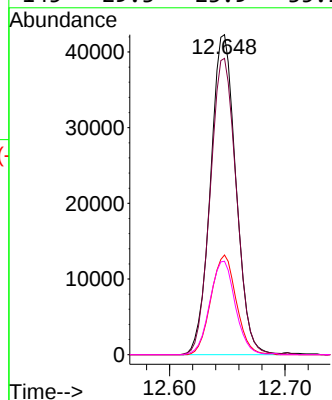
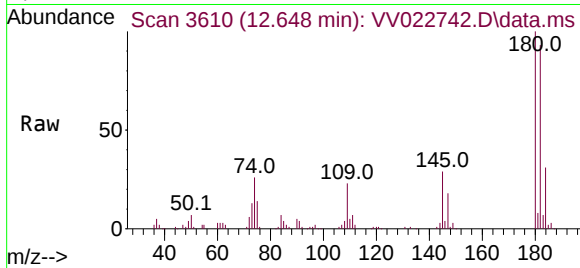




#69
1,3,5-Trichlorobenzene
Concen: 5.123 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

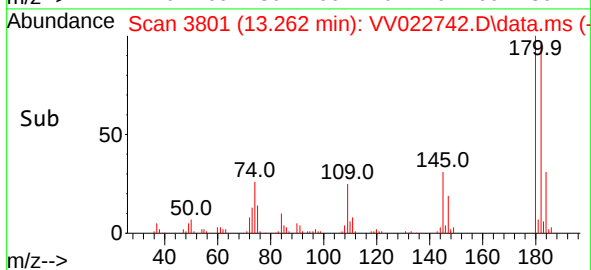
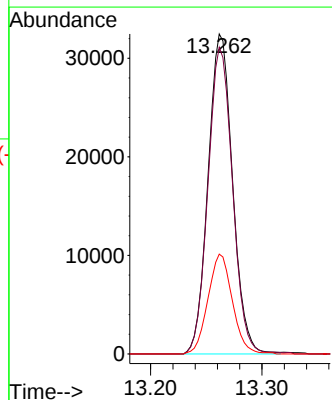
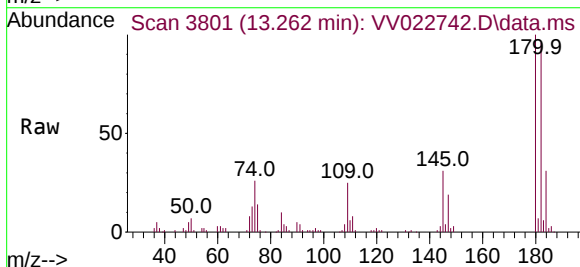
Instrument :
MSVOA_V
ClientSampleId :

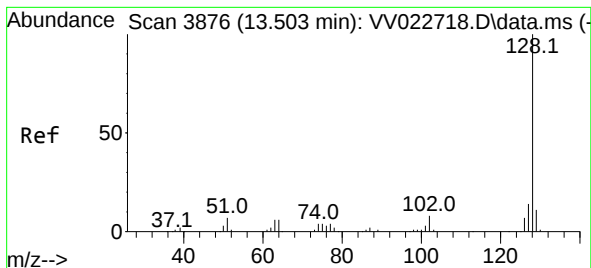
Tgt Ion:	180	Resp:	64516
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.0	115.6
184	31.1	24.5	36.7
145	29.3	23.9	35.9



#70
1,2,4-trichlorobenzene
Concen: 5.165 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:	180	Resp:	49685
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.0	114.0
145	31.0	24.1	36.1

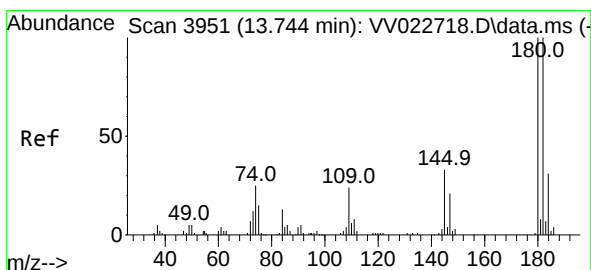
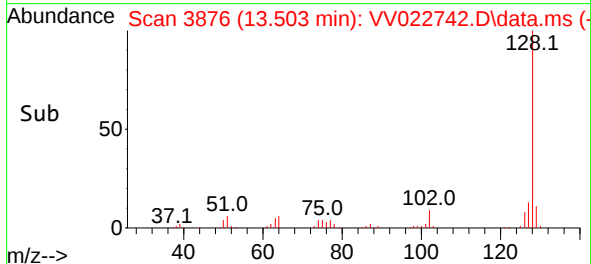
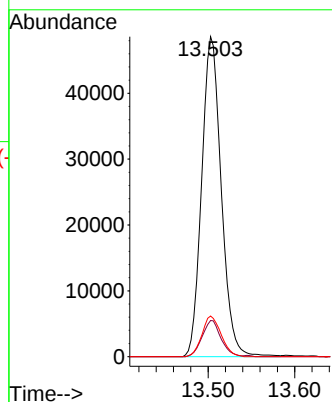
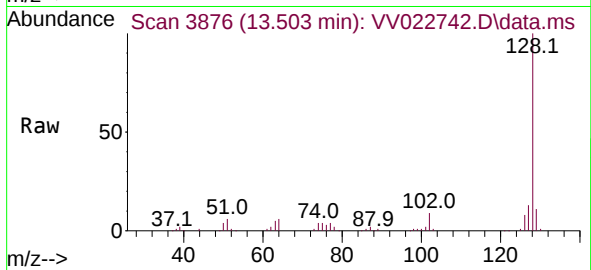




#71
Naphthalene
Concen: 5.002 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 76484
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.172 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022742.D
Acq: 11 Oct 2021 20:16

Tgt Ion:180 Resp: 46918
Ion Ratio Lower Upper
180 100
182 95.7 75.5 113.3
145 32.4 24.7 37.1

