

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022643.D
 Acq On : 07 Oct 2021 00:39
 Operator : SY/MD
 Sample : M4050-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB7C5MSD

Quant Time: Oct 07 07:48:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13928	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.565	69	20370	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	46606	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.883	46	99940	49.707	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	4.352	84	62003	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	30206	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.053	84	106727	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	36533	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.320	98	90393	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.629	79	9992	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	76732	57.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32179	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	42481	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44269	5.475	ug/L	98
3) Chloromethane	1.240	50	45844	5.663	ug/L	99
5) Vinyl chloride	1.311	62	47087	5.763	ug/L	100
6) Bromomethane	1.520	94	24477	4.513	ug/L	97
8) Chloroethane	1.584	64	27752	5.341	ug/L	98
9) Trichlorofluoromethane	1.751	101	69365	5.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41173	5.858	ug/L	98
12) 1,1-Dichloroethene	2.118	96	37446	5.758	ug/L	97
13) Acetone	2.175	43	70790	65.471	ug/L #	31
14) Carbon disulfide	2.294	76	115483	6.071	ug/L	98
15) Methyl Acetate	2.433	43	13162	4.134	ug/L #	78
16) Methylene chloride	2.507	84	40090	5.350	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	79584	4.816	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	38803	5.475	ug/L	98
19) 1,1-Dichloroethane	3.192	63	68282	5.370	ug/L	97
21) 2-Butanone	3.970	43	86133	49.763	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	40521	5.270	ug/L	99
23) Bromochloromethane	4.253	128	19127	5.284	ug/L	90
25) Chloroform	4.375	83	71670	5.162	ug/L	99

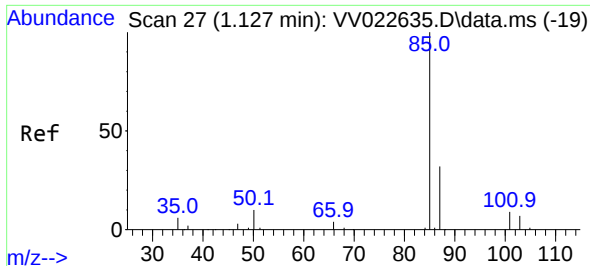
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	38393	5.195	ug/L #	94
29) 1,1,1-Trichloroethane	4.609	97	62179	5.301	ug/L	97
30) Cyclohexane	4.677	56	55052	5.180	ug/L	97
31) Carbon tetrachloride	4.828	117	54792	5.265	ug/L	98
33) Benzene	5.101	78	149739	5.412	ug/L	100
34) Trichloroethene	5.915	95	39240	4.880	ug/L	99
35) Methylcyclohexane	6.133	83	58586	5.200	ug/L	99
37) 1,2-Dichloropropane	6.175	63	34471	5.103	ug/L	100
38) Bromodichloromethane	6.513	83	45828	5.354	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	47038	5.167	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	204281	54.942	ug/L	99
42) Toluene	7.391	91	164770	5.669	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	38248	5.033	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	26492	5.254	ug/L	92
47) Tetrachloroethene	7.979	164	34279	5.482	ug/L	97
48) 2-Hexanone	8.140	43	151973	56.815	ug/L	100
49) Dibromochloromethane	8.249	129	32528	5.473	ug/L	97
50) 1,2-Dibromoethane	8.355	107	24924	5.317	ug/L	90
51) Chlorobenzene	8.883	112	105612	5.552	ug/L	99
52) Ethylbenzene	9.014	91	165032	5.533	ug/L	99
53) m,p-xylene	9.140	106	65393	5.750	ug/L	97
54) o-xylene	9.545	106	63597	5.621	ug/L	99
55) Styrene	9.564	104	108692	5.651	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	29768	5.441	ug/L	98
59) Bromoform	9.731	173	17664	5.292	ug/L	97
60) Isopropylbenzene	9.934	105	171409	5.603	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22240	5.273	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	135905	5.480	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	140486	5.576	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	86635	5.532	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	86119	5.376	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	80132	5.492	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4233	5.251	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	66048	5.633	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	50184	5.334	ug/L	98
71) Naphthalene	13.503	128	81966	5.317	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49787	5.758	ug/L	99

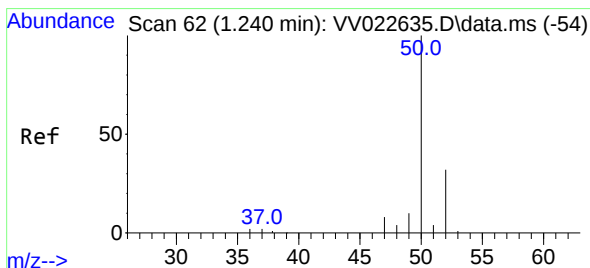
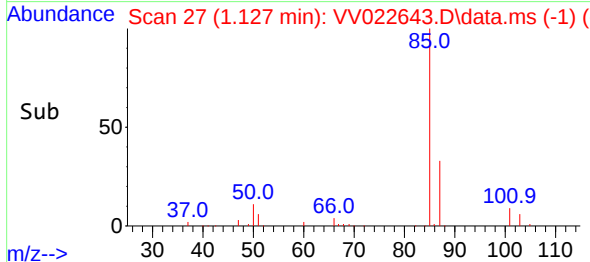
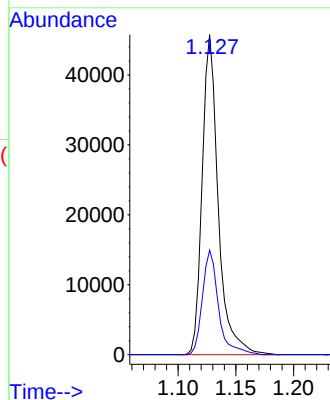
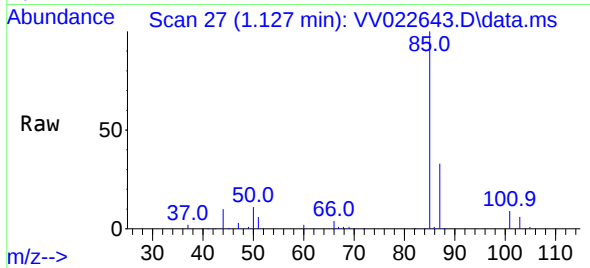
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.475 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

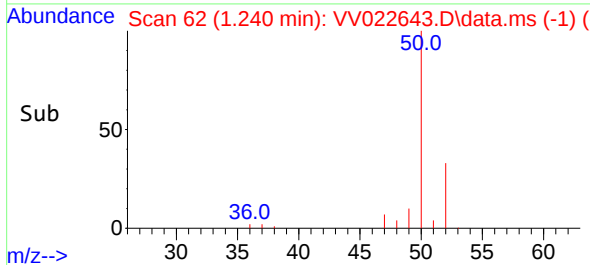
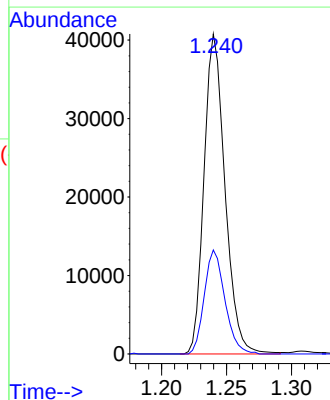
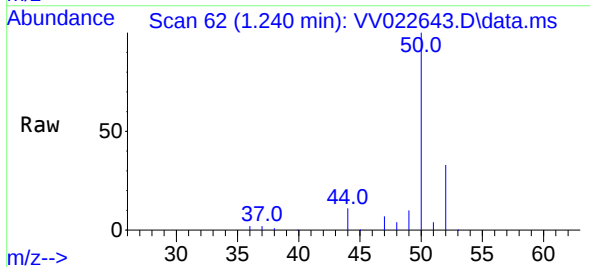
Instrument :
 MSVOA_V
 ClientSampleId :
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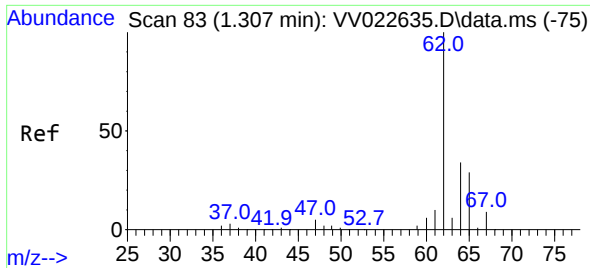
Tgt Ion: 85 Resp: 44269
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.0



#3
 Chloromethane
 Concen: 5.663 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

Tgt Ion: 50 Resp: 45844
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

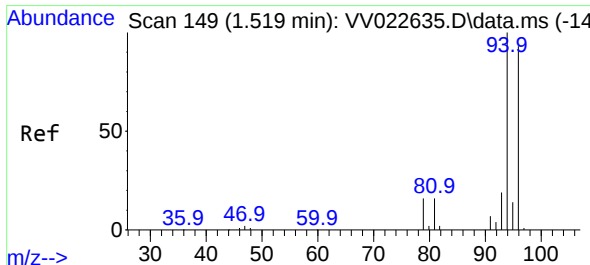
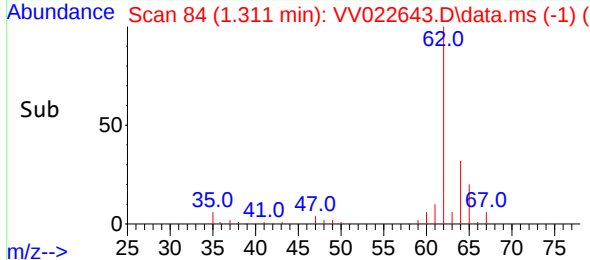
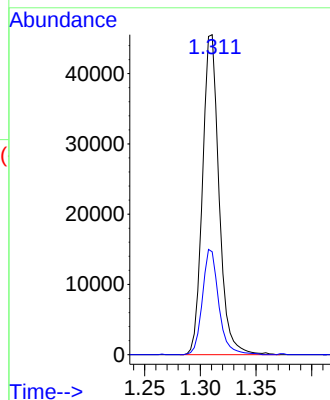
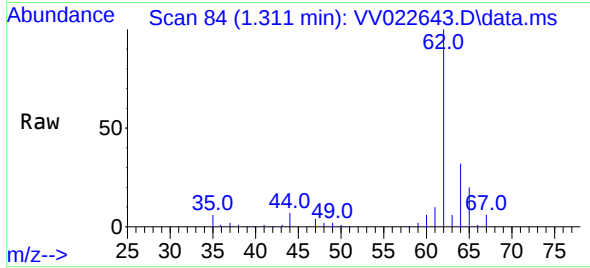




#5
 Vinyl chloride
 Concen: 5.763 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

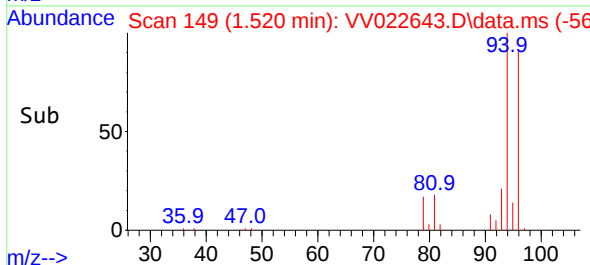
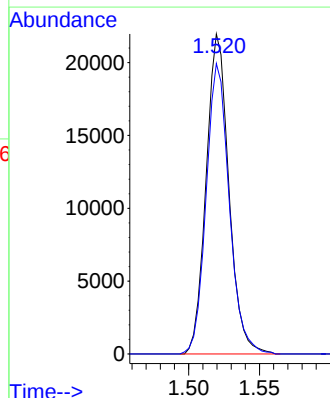
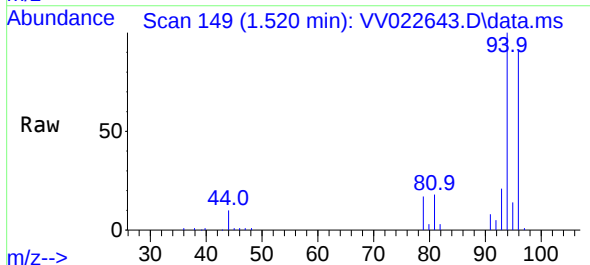
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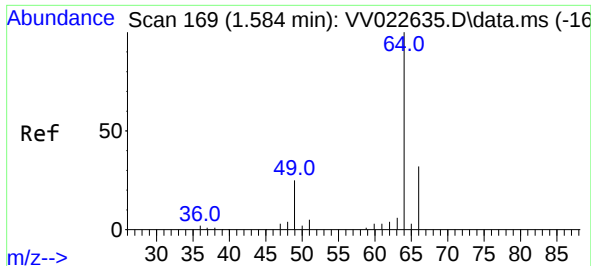
Tgt Ion: 62 Resp: 47087
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.5



#6
 Bromomethane
 Concen: 4.513 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

Tgt Ion: 94 Resp: 24477
 Ion Ratio Lower Upper
 94 100
 96 90.8 65.9 122.3

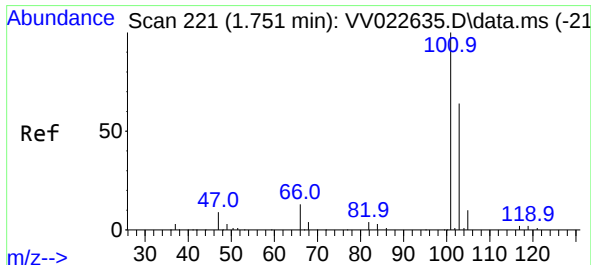
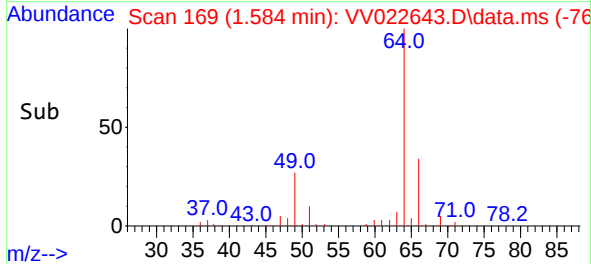
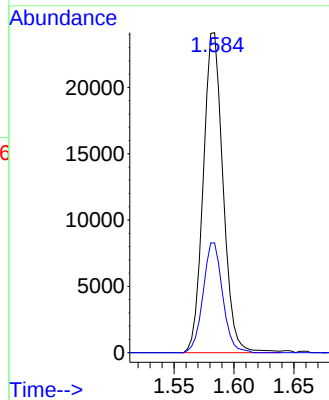
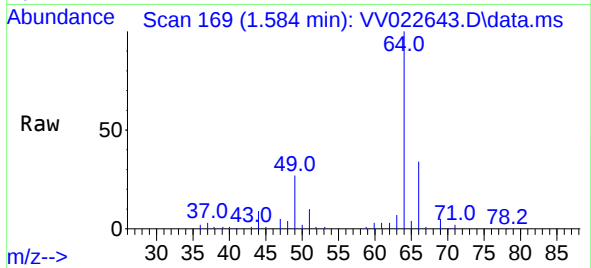




#8
Chloroethane
Concen: 5.341 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

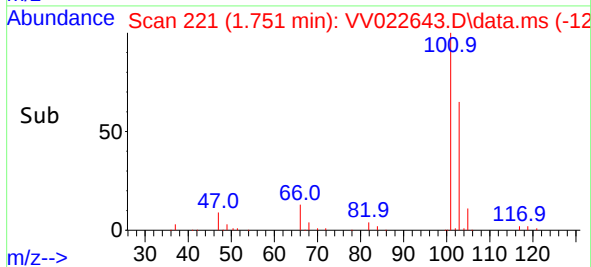
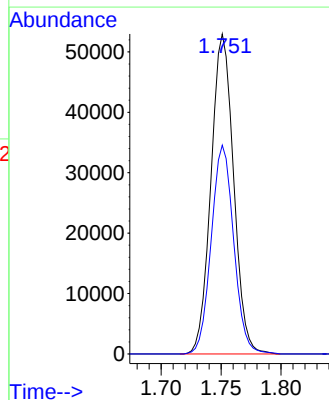
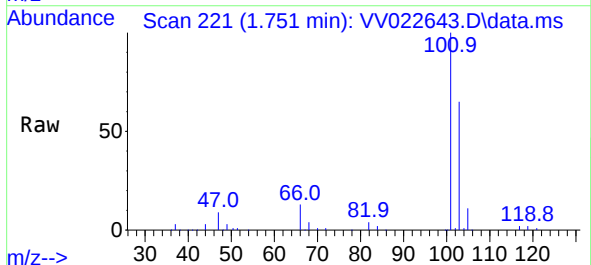
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ClientSampleId :
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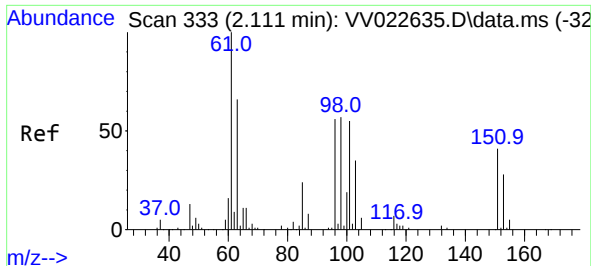
Tgt Ion: 64 Resp: 27752
Ion Ratio Lower Upper
64 100
66 34.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.674 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:101 Resp: 69365
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

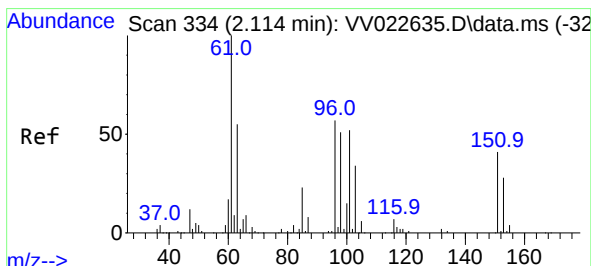
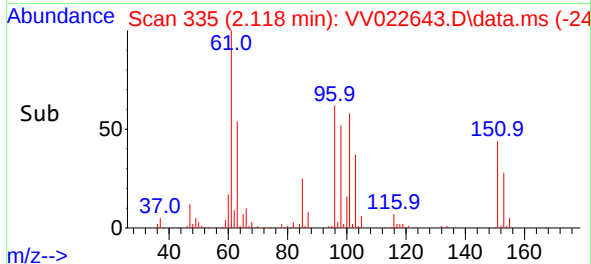
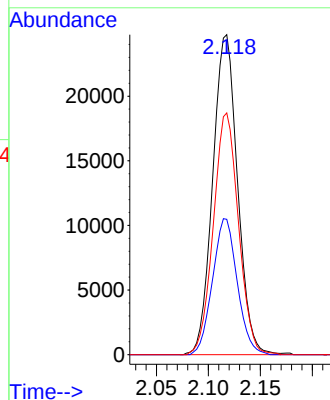
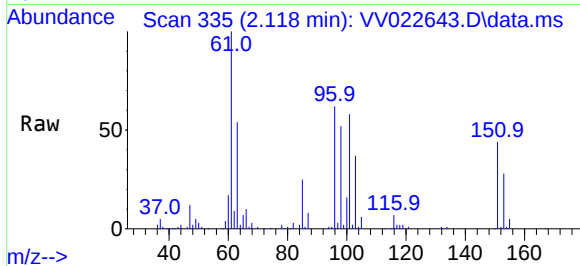




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.858 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

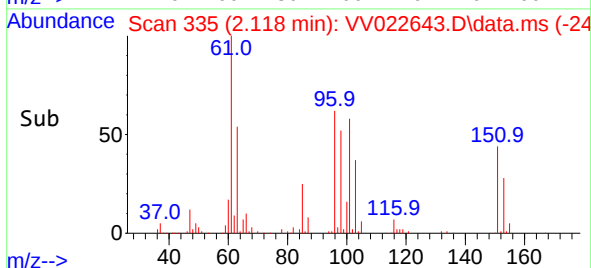
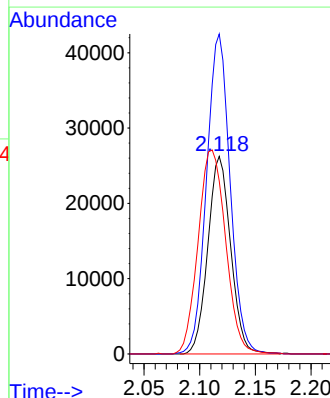
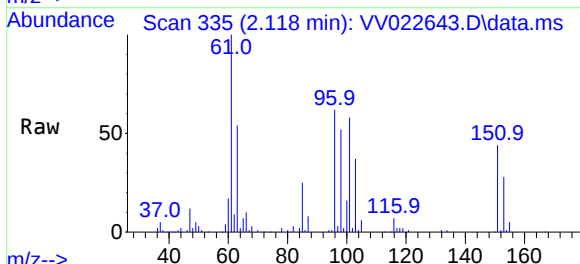
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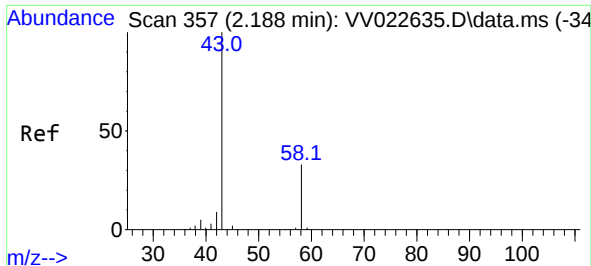
Tgt Ion:101 Resp: 41173
Ion Ratio Lower Upper
101 100
85 42.3 35.8 53.6
151 76.4 61.9 92.9



#12
1,1-Dichloroethene
Concen: 5.758 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 96 Resp: 37446
Ion Ratio Lower Upper
96 100
61 161.9 113.2 210.2
63 87.5 66.6 123.8





#13

Acetone

Concen: 65.471 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.013 min

Lab File: VV022643.D

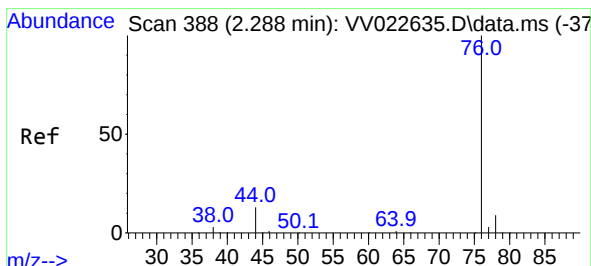
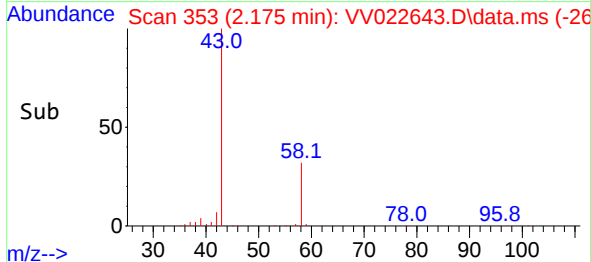
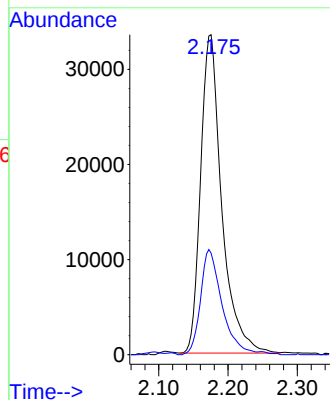
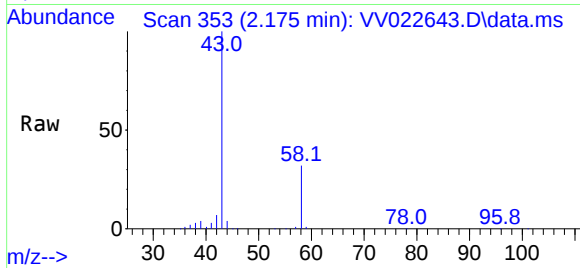
Acq: 07 Oct 2021 00:39

Tgt Ion: 43 Resp: 70790

Ion Ratio Lower Upper

43 100

58 33.4 0.0 17.6#



#14

Carbon disulfide

Concen: 6.071 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.007 min

Lab File: VV022643.D

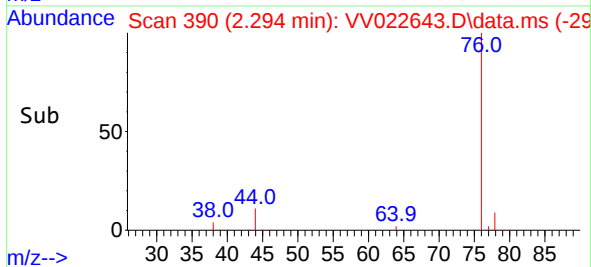
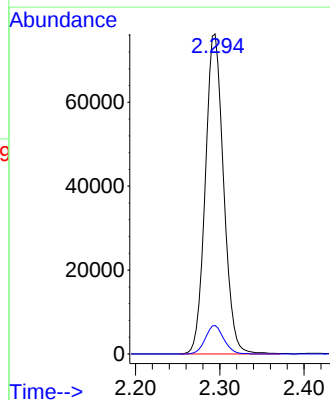
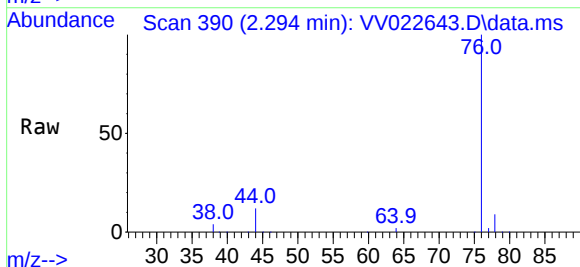
Acq: 07 Oct 2021 00:39

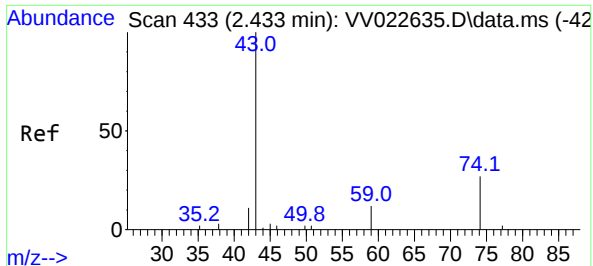
Tgt Ion: 76 Resp: 115483

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6

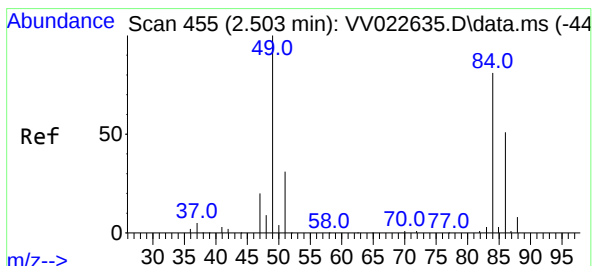
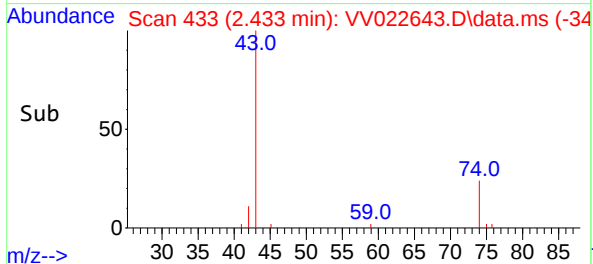
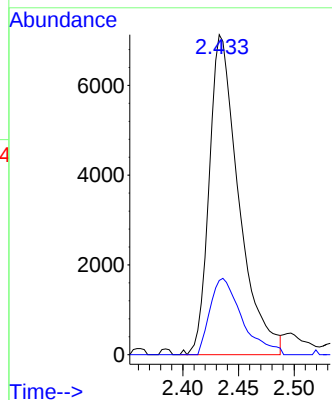
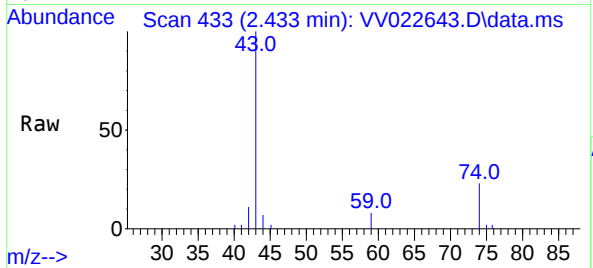




#15
Methyl Acetate
Concen: 4.134 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

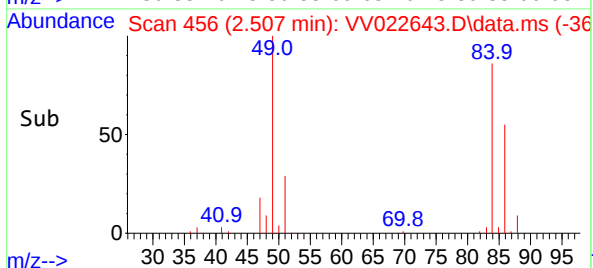
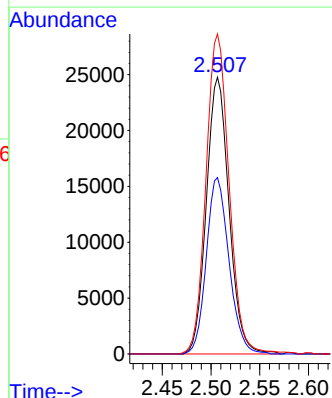
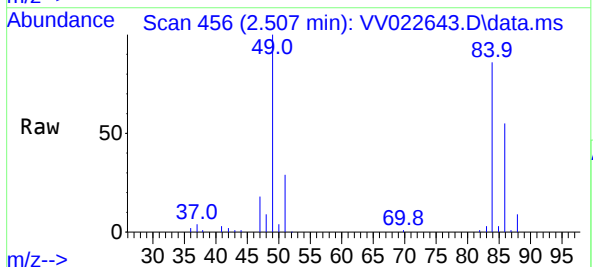
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

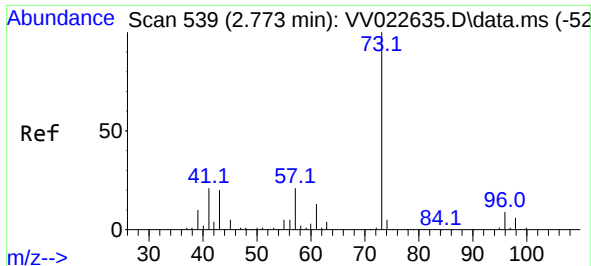
Tgt Ion: 43 Resp: 13162
Ion Ratio Lower Upper
43 100
74 25.7 13.0 19.4#



#16
Methylene chloride
Concen: 5.350 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 84 Resp: 40090
Ion Ratio Lower Upper
84 100
86 63.8 44.0 81.8
49 115.6 85.9 159.5



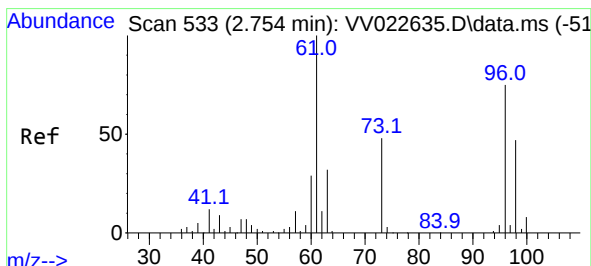
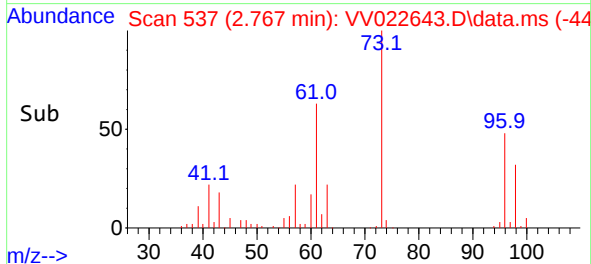
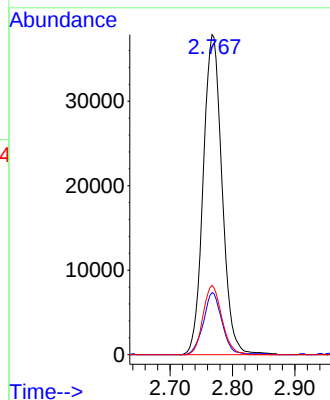
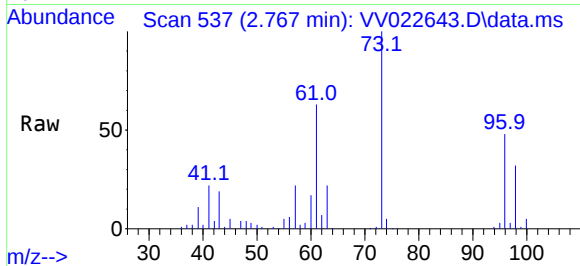


#17
Methyl tert-butyl Ether
Concen: 4.816 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

Tgt Ion: 73 Resp: 79584

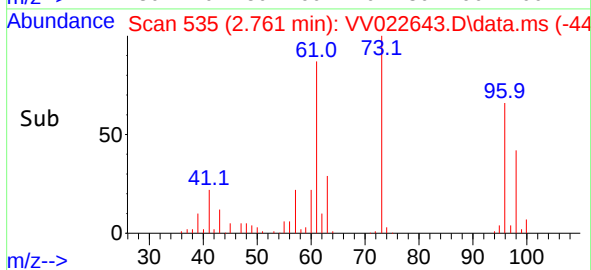
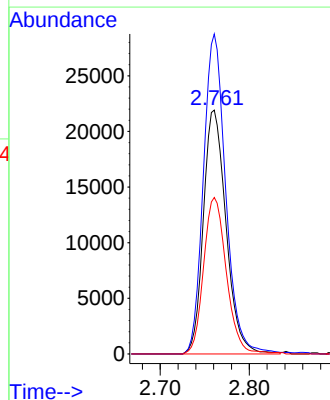
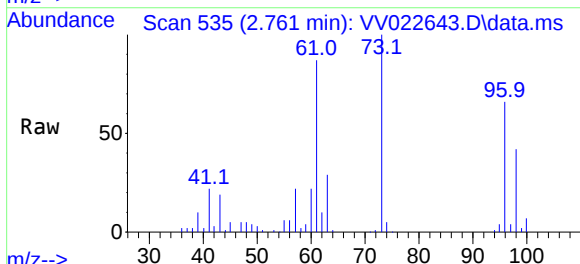
Ion	Ratio	Lower	Upper
73	100		
43	19.1	16.3	24.5
57	21.6	17.5	26.3

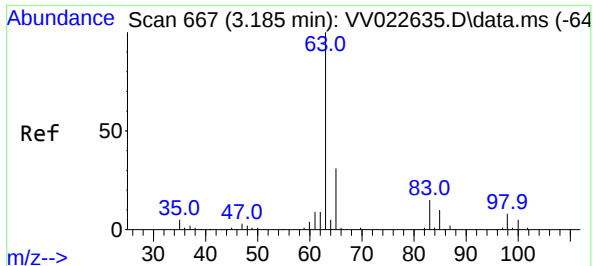


#18
trans-1,2-Dichloroethene
Concen: 5.475 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 96 Resp: 38803

Ion	Ratio	Lower	Upper
96	100		
61	131.2	94.0	174.6
98	64.2	44.9	83.3



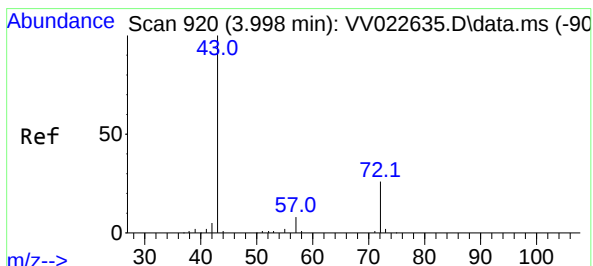
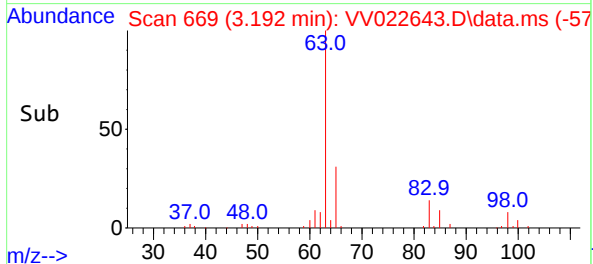
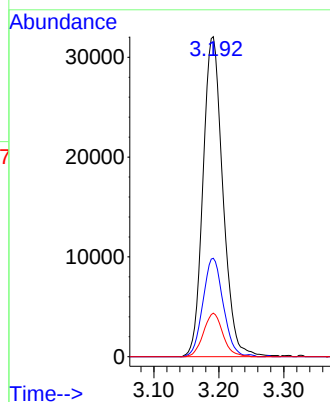
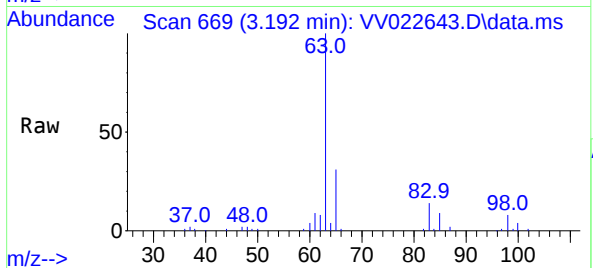


#19
1,1-Dichloroethane
Concen: 5.370 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

Tgt Ion: 63 Resp: 68282

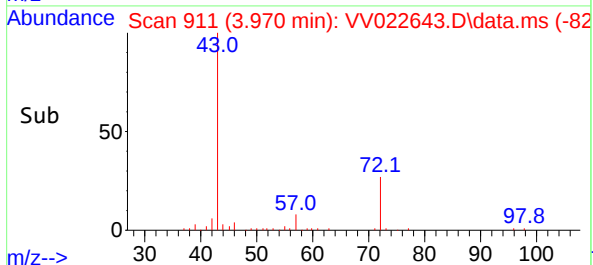
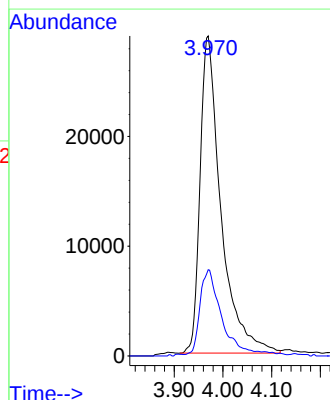
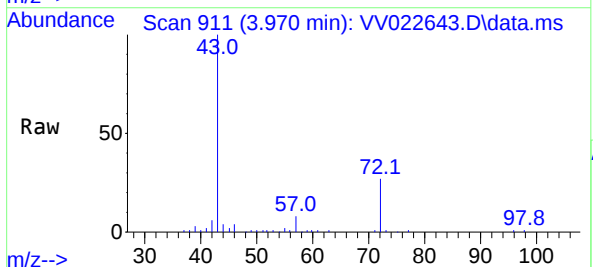
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.8	42.4
83	13.6	10.2	19.0

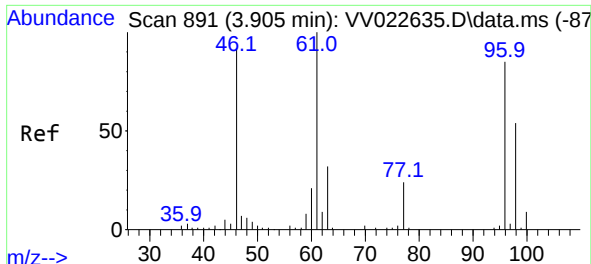


#21
2-Butanone
Concen: 49.763 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.029 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 43 Resp: 86133

Ion	Ratio	Lower	Upper
43	100		
72	26.6	12.7	38.1

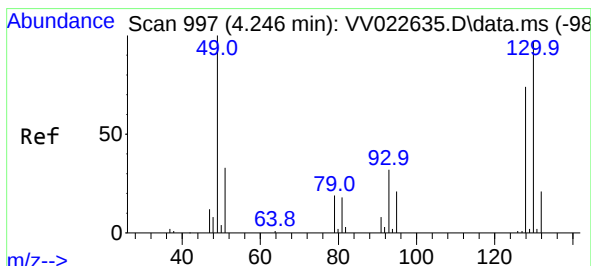
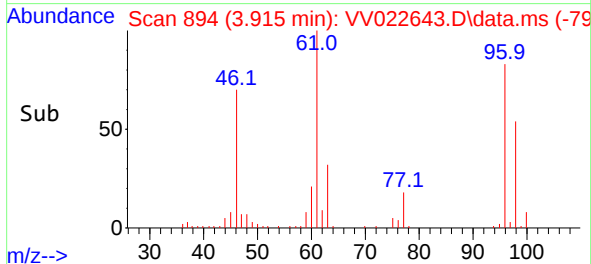
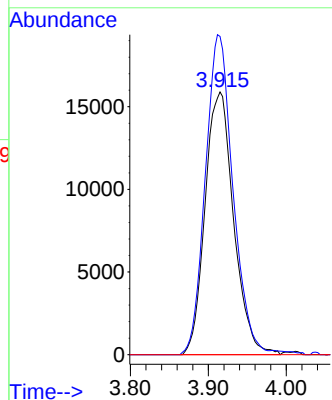
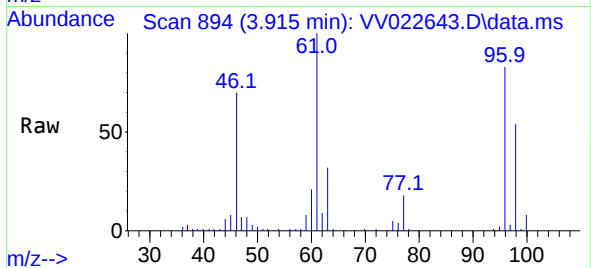




#22
cis-1,2-Dichloroethene
Concen: 5.270 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

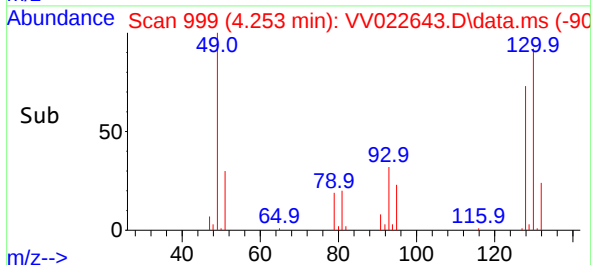
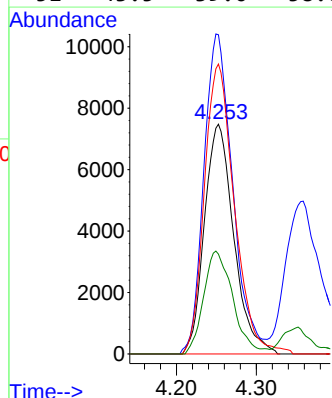
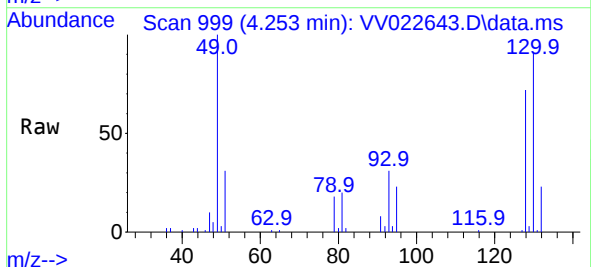
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

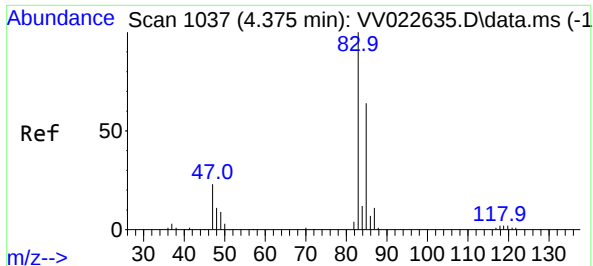
Tgt Ion: 96 Resp: 40521
Ion Ratio Lower Upper
96 100
61 121.2 85.6 159.0
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.284 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 128 Resp: 19127
Ion Ratio Lower Upper
128 100
49 138.9 110.7 205.5
130 126.2 93.2 173.2
51 43.5 39.0 58.6



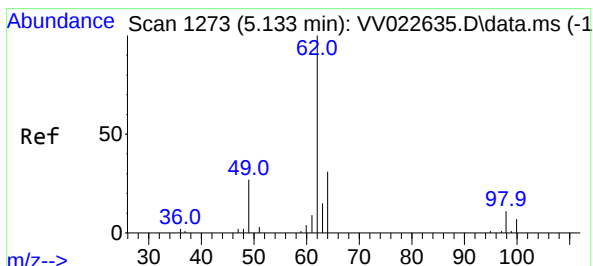
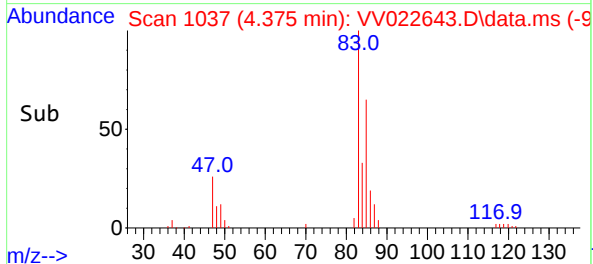
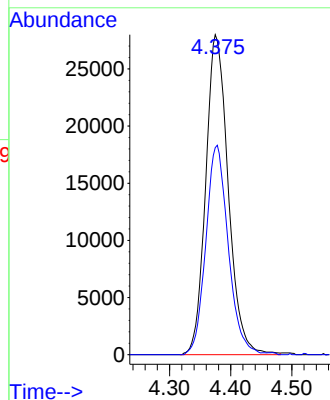
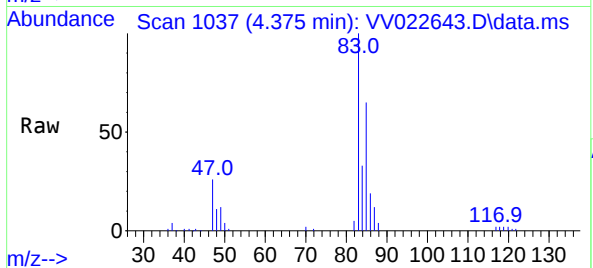


#25

Chloroform
Concen: 5.162 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

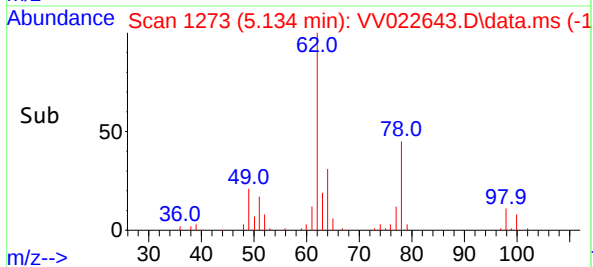
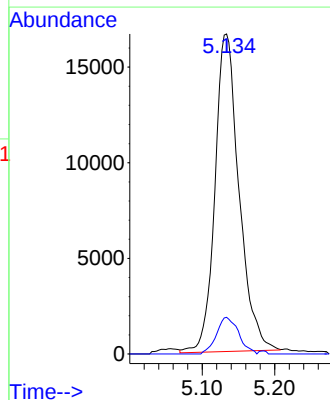
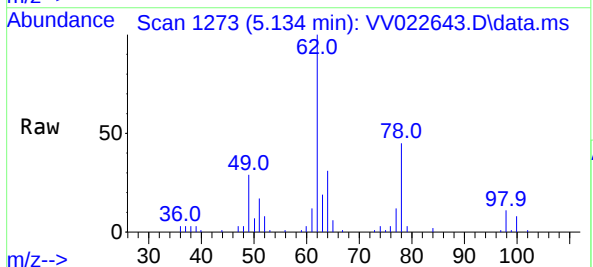
Tgt Ion: 83 Resp: 71670
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8

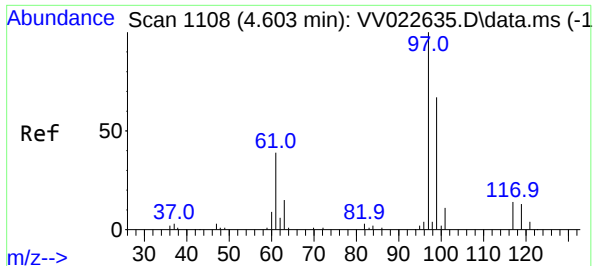


#27

1,2-Dichloroethane
Concen: 5.195 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 62 Resp: 38393
Ion Ratio Lower Upper
62 100
98 11.4 7.4 11.2#





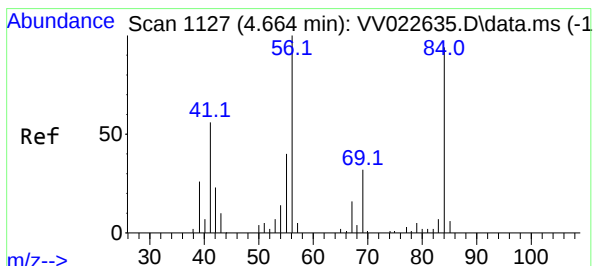
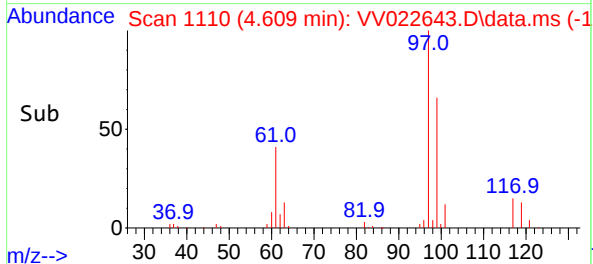
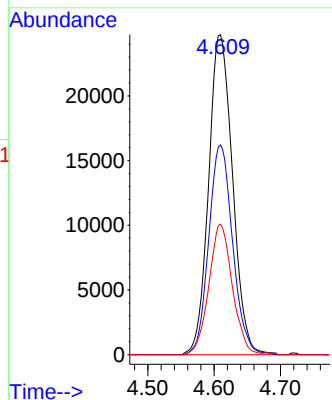
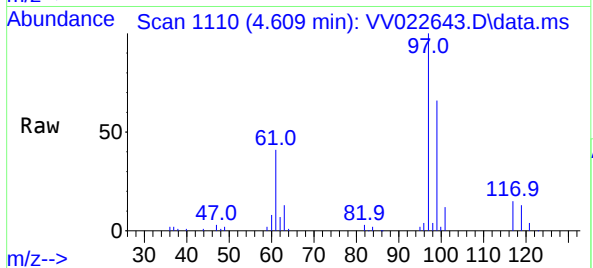
#29

1,1,1-Trichloroethane
Concen: 5.301 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

Tgt Ion: 97 Resp: 62179

Ion	Ratio	Lower	Upper
97	100		
99	65.3	49.8	74.6
61	39.9	32.5	48.7

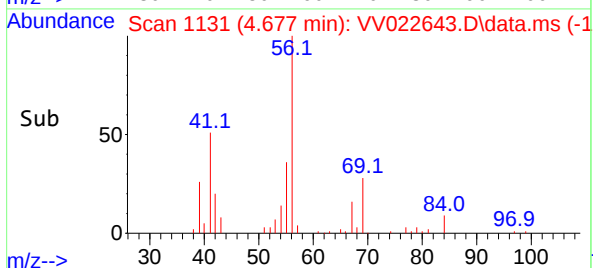
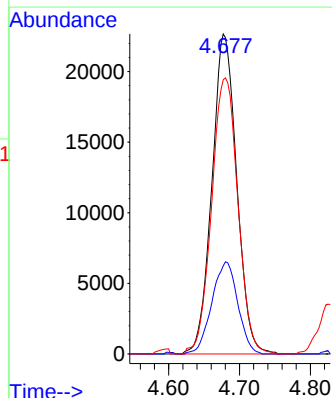
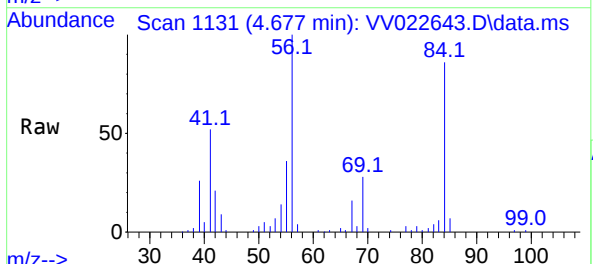


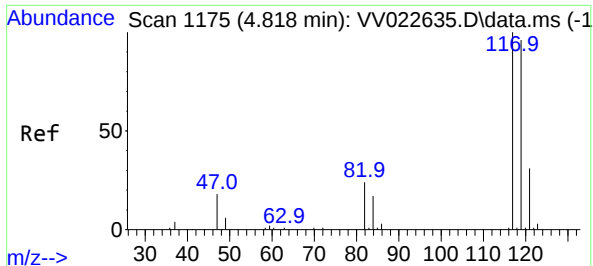
#30

Cyclohexane
Concen: 5.180 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 56 Resp: 55052

Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.7	38.5
84	91.4	75.8	113.8

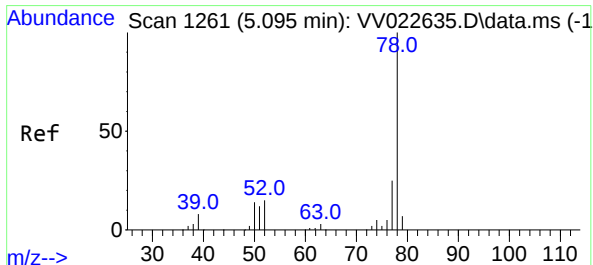
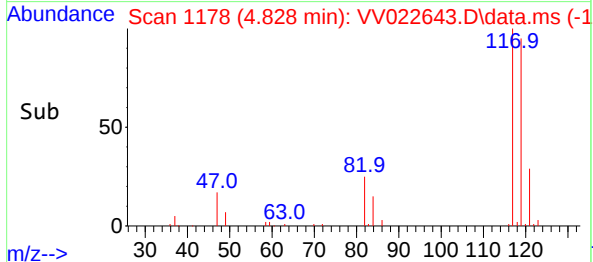
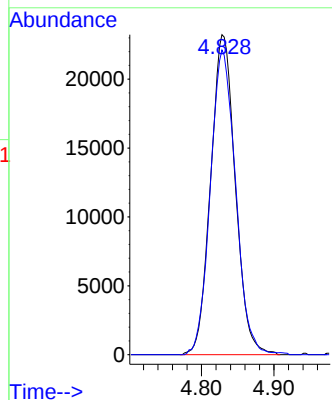
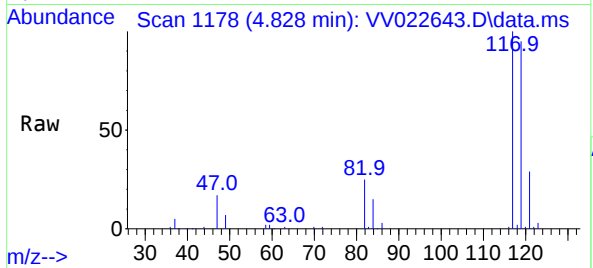




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

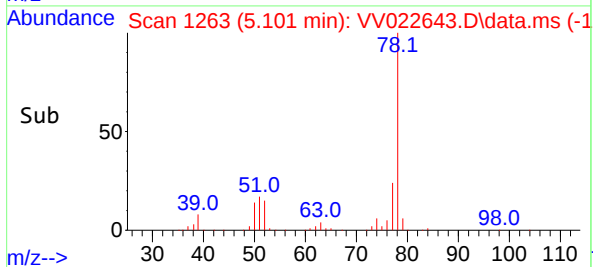
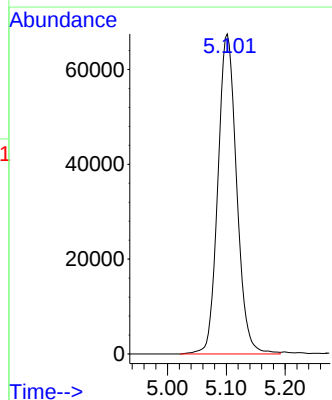
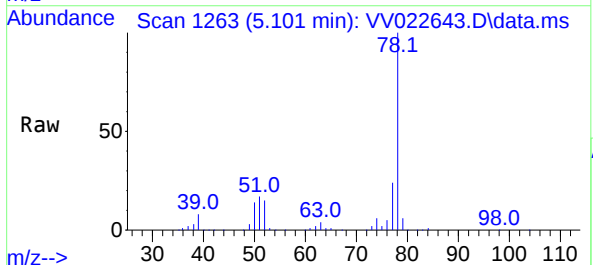
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

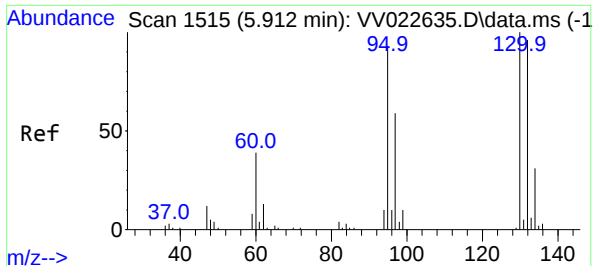
Tgt Ion:117 Resp: 54792
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3



#33
Benzene
Concen: 5.412 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 78 Resp: 149739





#34

Trichloroethene

Concen: 4.880 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022643.D

Acq: 07 Oct 2021 00:39

Tgt Ion: 95 Resp: 39240

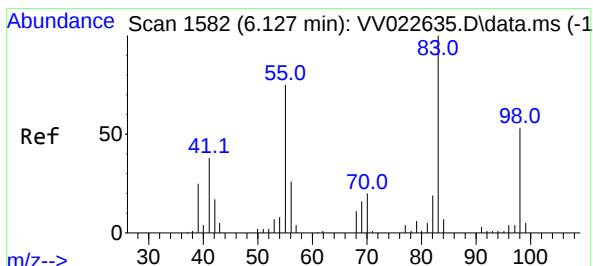
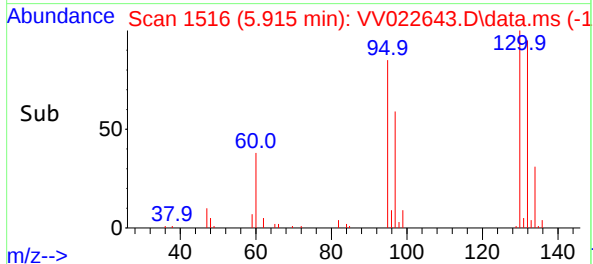
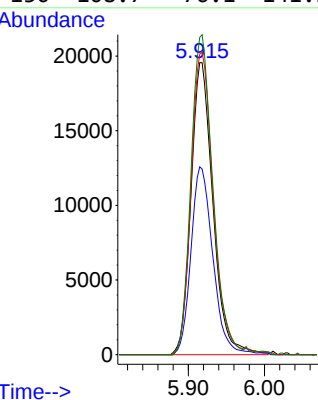
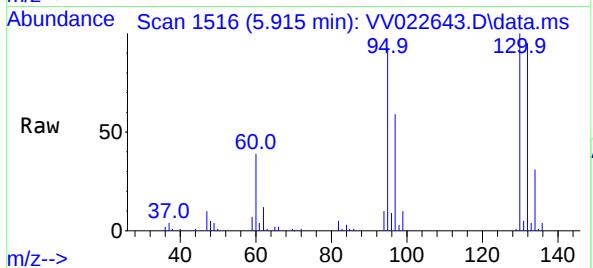
Ion Ratio Lower Upper

95 100

97 64.4 46.5 86.5

132 103.0 73.0 135.6

130 108.7 76.1 141.3



#35

Methylcyclohexane

Concen: 5.200 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV022643.D

Acq: 07 Oct 2021 00:39

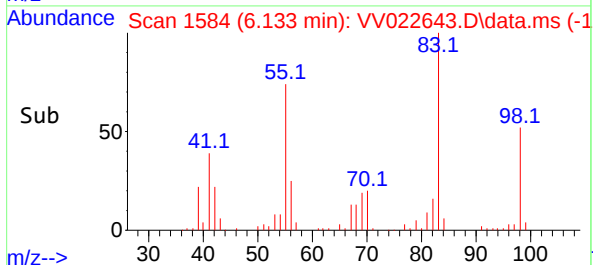
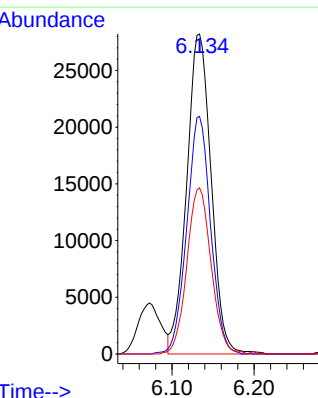
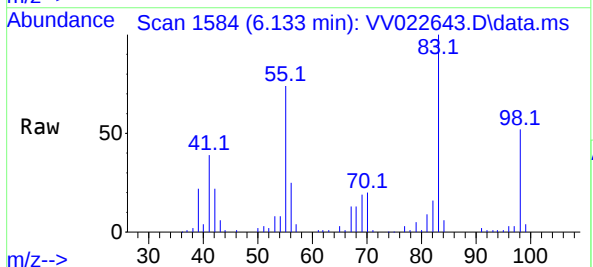
Tgt Ion: 83 Resp: 58586

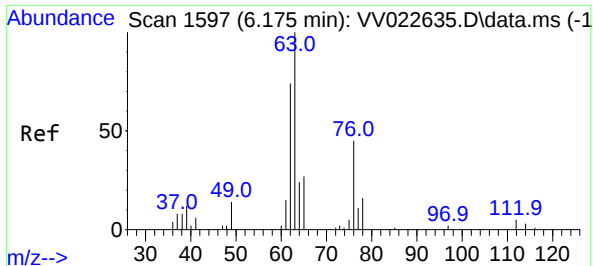
Ion Ratio Lower Upper

83 100

55 72.2 57.8 86.8

98 51.3 39.8 59.8

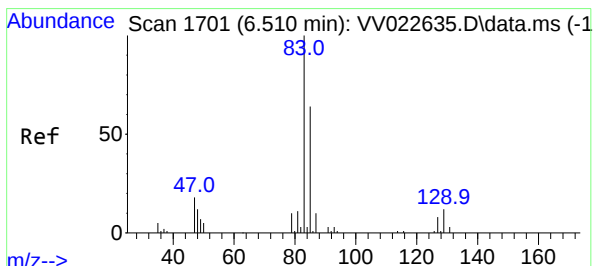
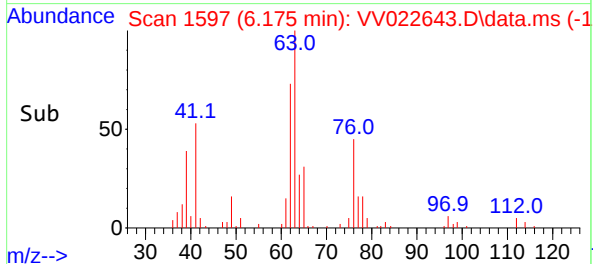
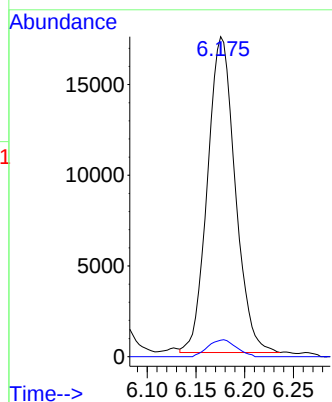
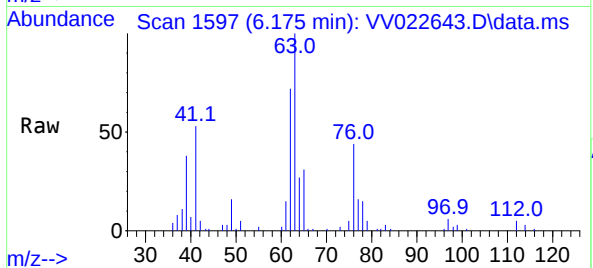




#37
1,2-Dichloropropane
Concen: 5.103 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

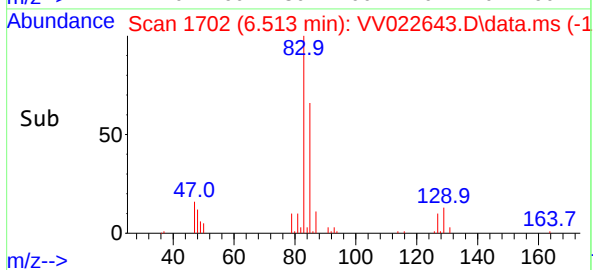
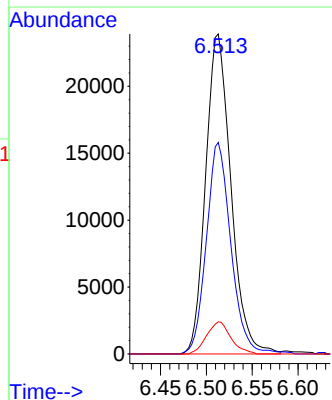
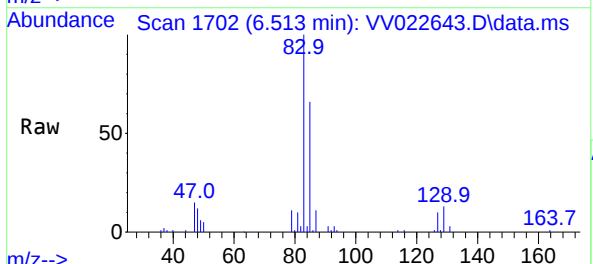
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

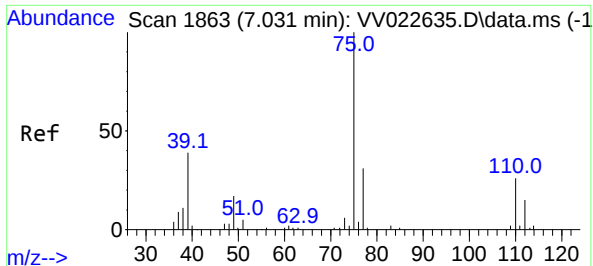
Tgt Ion: 63 Resp: 34471
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5



#38
Bromodichloromethane
Concen: 5.354 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 83 Resp: 45828
Ion Ratio Lower Upper
83 100
85 66.1 47.2 87.6
127 10.0 7.4 11.2

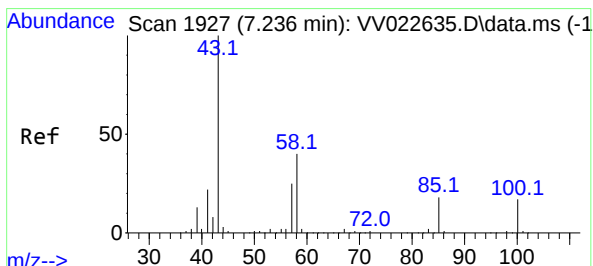
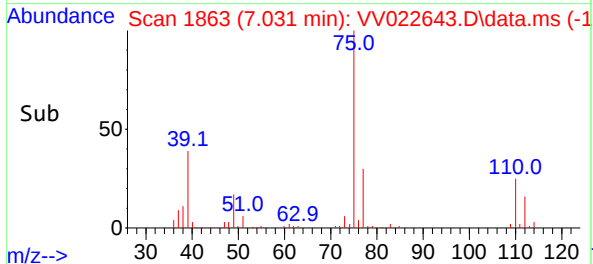
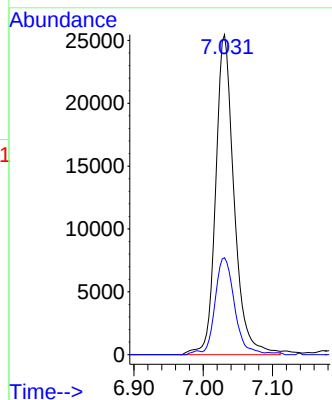
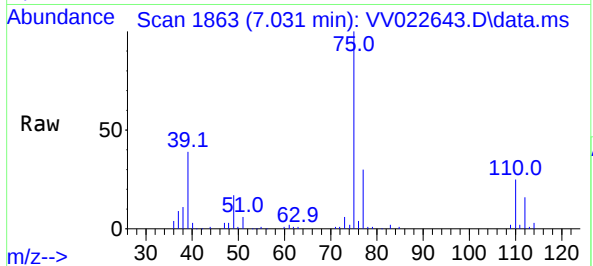




#39
 cis-1,3-Dichloropropene
 Concen: 5.167 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

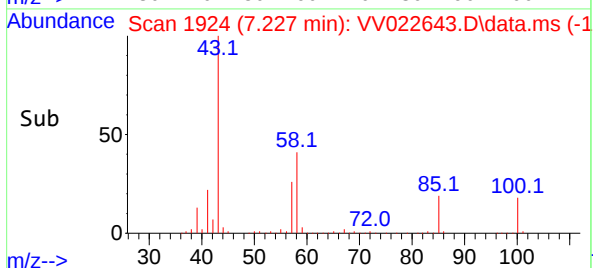
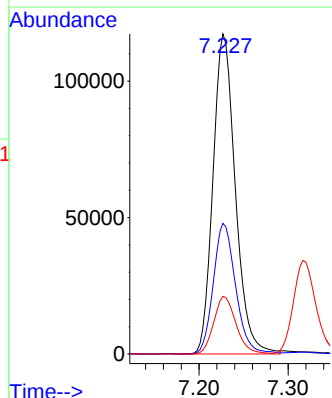
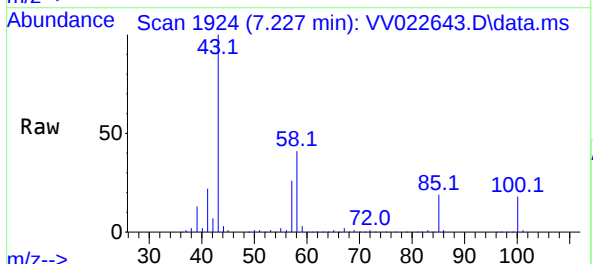
Instrument :
 MSVOA_V
 ClientSampleId :
 GB7C5MSD

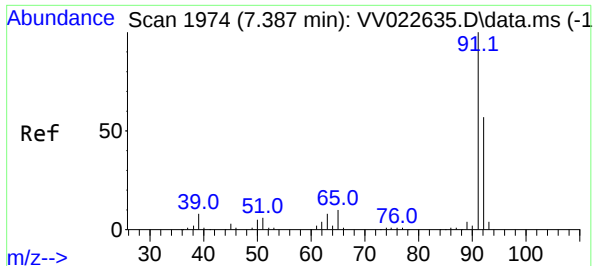
Tgt Ion: 75 Resp: 47038
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 54.942 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.010 min
 Lab File: VV022643.D
 Acq: 07 Oct 2021 00:39

Tgt Ion: 43 Resp: 204281
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.3 48.5
 100 17.9 13.8 20.6

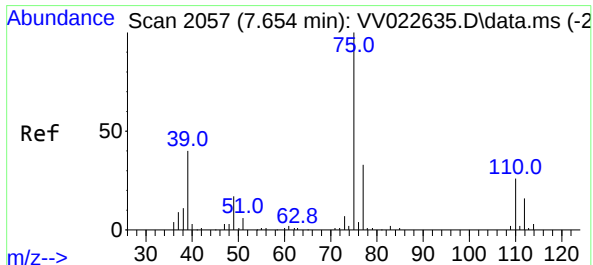
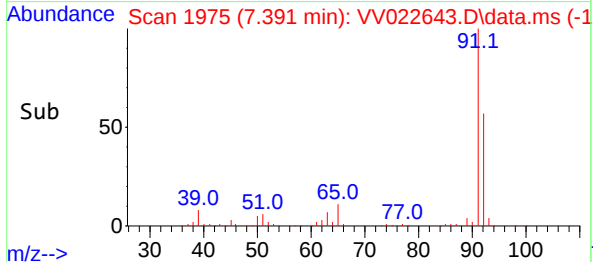
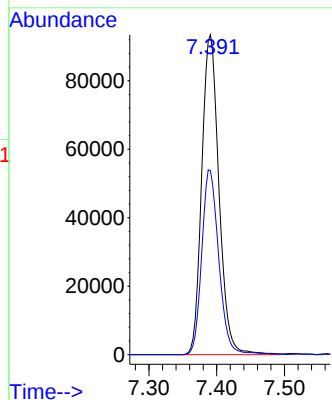
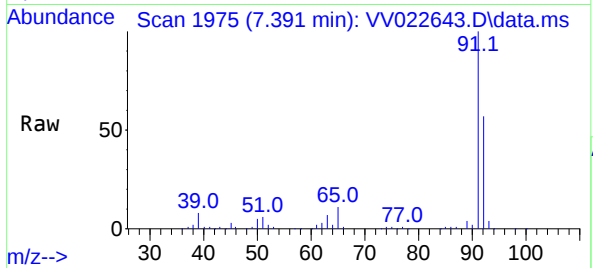




#42
Toluene
Concen: 5.669 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

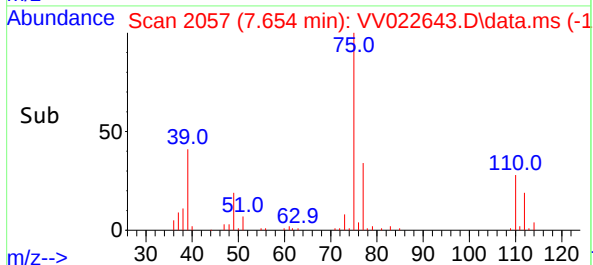
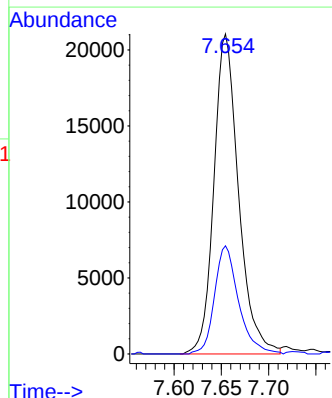
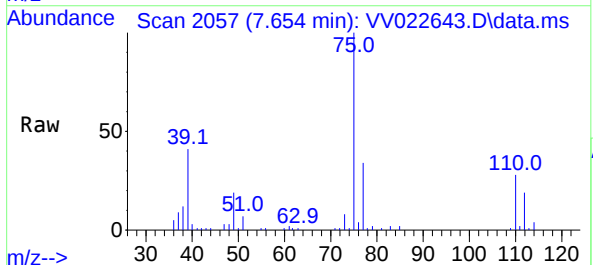
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

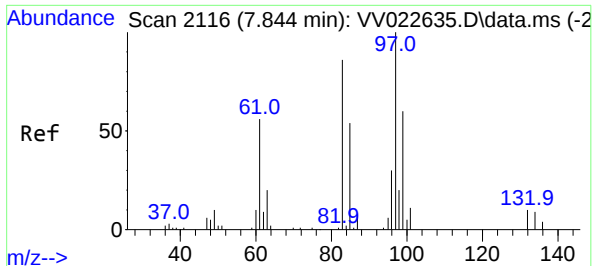
Tgt Ion: 91 Resp: 164770
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.033 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 75 Resp: 38248
Ion Ratio Lower Upper
75 100
77 33.8 21.8 40.6





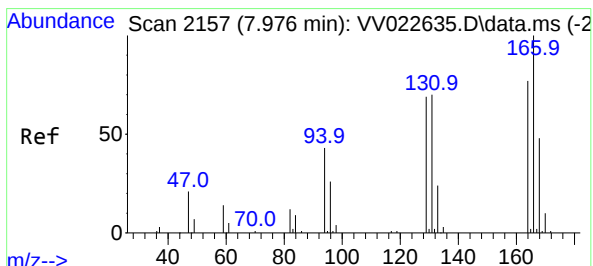
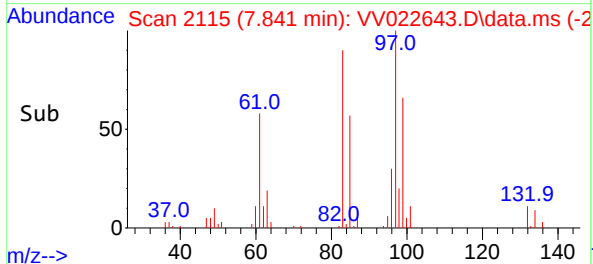
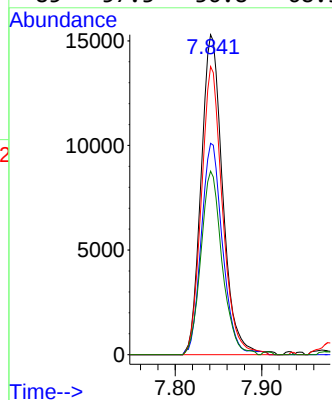
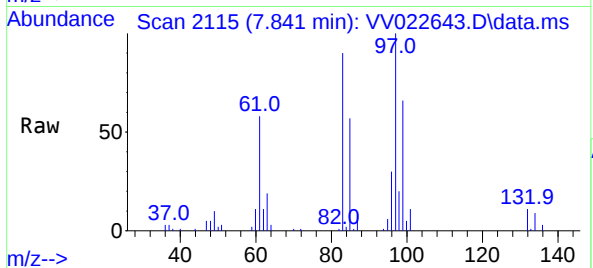
#45

1,1,2-Trichloroethane
Concen: 5.254 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

Tgt Ion: 97 Resp: 26492

Ion	Ratio	Lower	Upper
97	100		
99	66.0	42.6	79.0
83	90.1	57.7	107.1
85	57.3	36.8	68.3

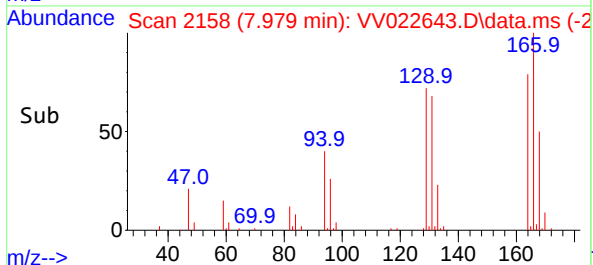
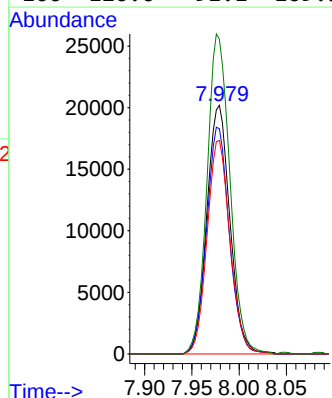
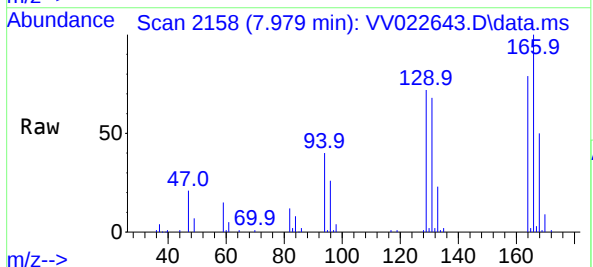


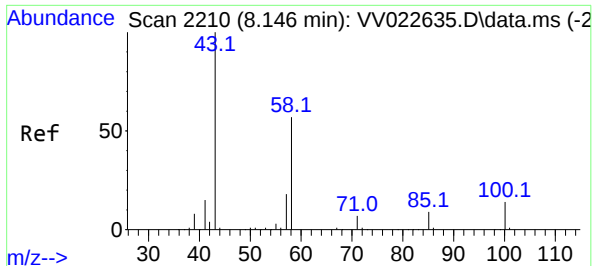
#47

Tetrachloroethene
Concen: 5.482 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 164 Resp: 34279

Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.5	121.6
131	85.9	62.4	116.0
166	126.6	91.1	169.3

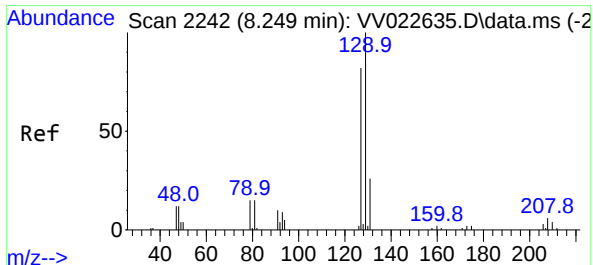
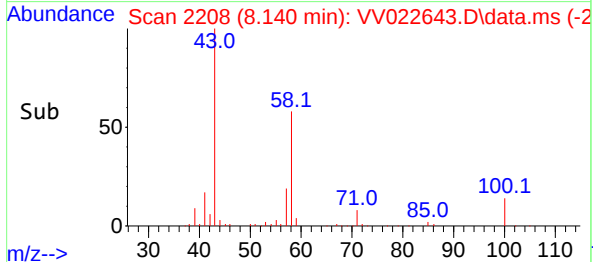
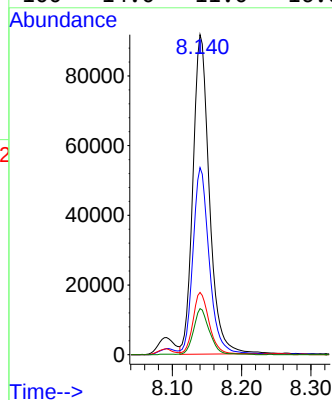
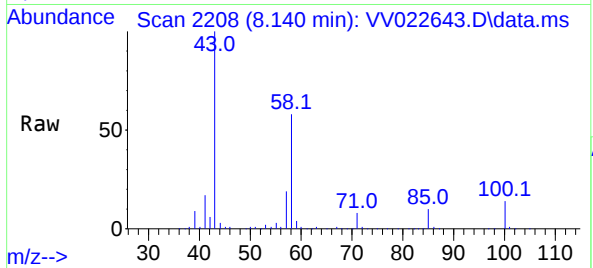




#48
2-Hexanone
Concen: 56.815 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

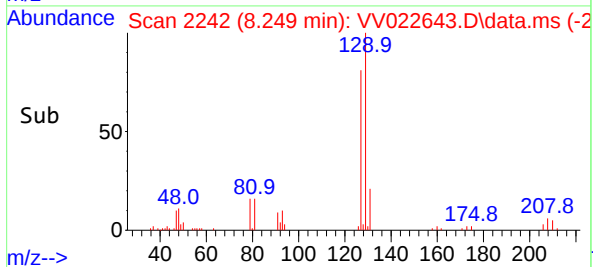
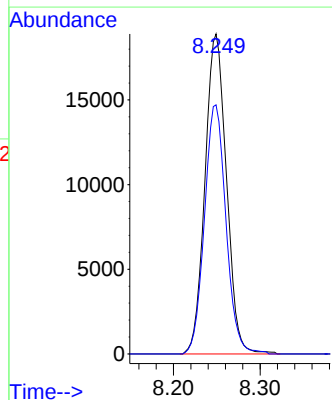
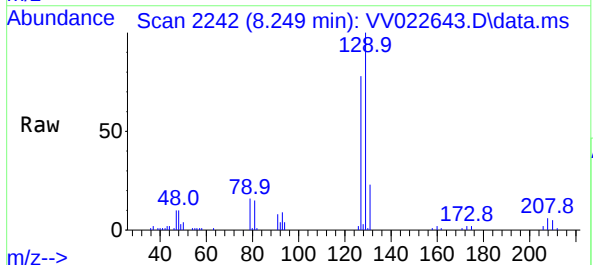
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

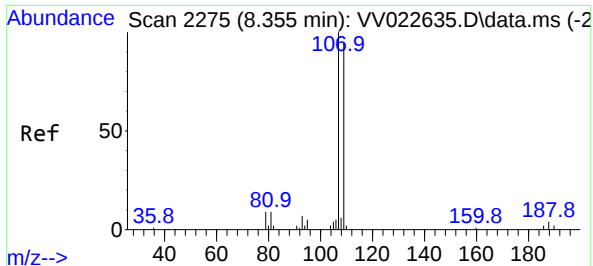
Tgt Ion: 43 Resp: 151973
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 19.6 16.3 24.5
100 14.0 11.0 16.6



#49
Dibromochloromethane
Concen: 5.473 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

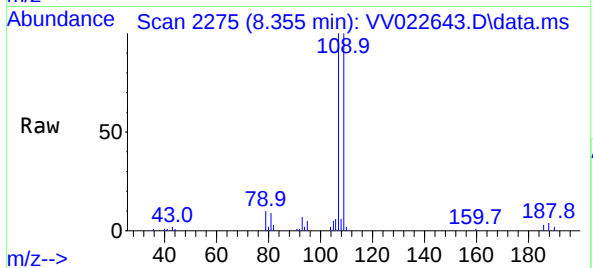
Tgt Ion: 129 Resp: 32528
Ion Ratio Lower Upper
129 100
127 77.9 52.6 97.6



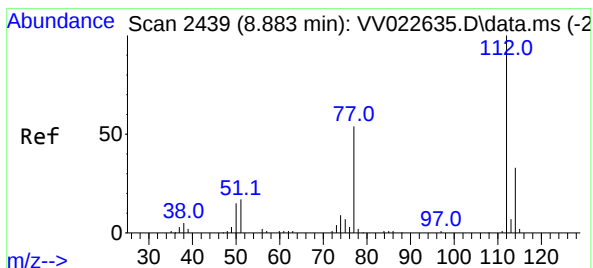
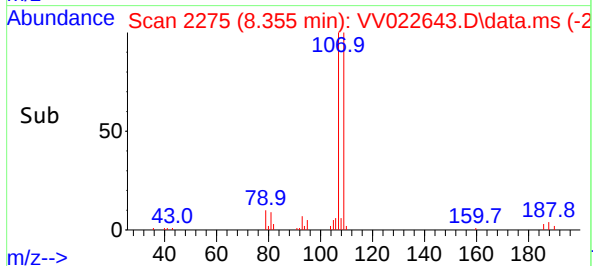
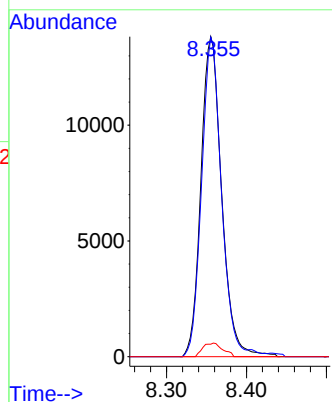


#50
1,2-Dibromoethane
Concen: 5.317 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

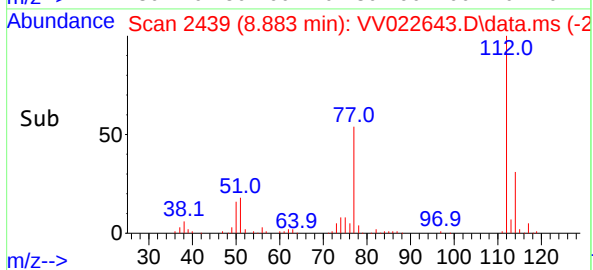
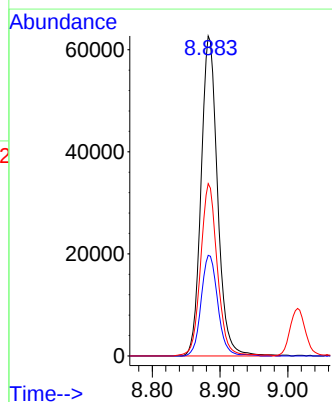
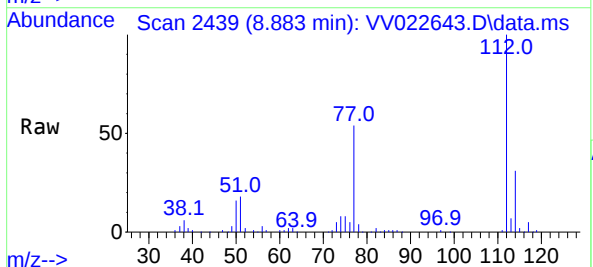


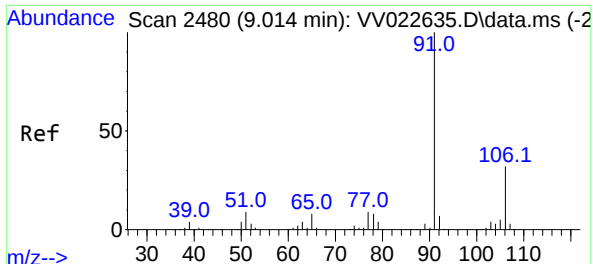
Tgt Ion:107 Resp: 24924
Ion Ratio Lower Upper
107 100
109 99.8 63.2 117.4
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 5.552 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:112 Resp: 105612
Ion Ratio Lower Upper
112 100
114 31.5 21.6 40.2
77 53.8 42.8 64.2

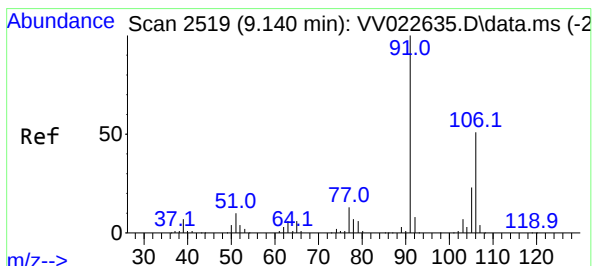
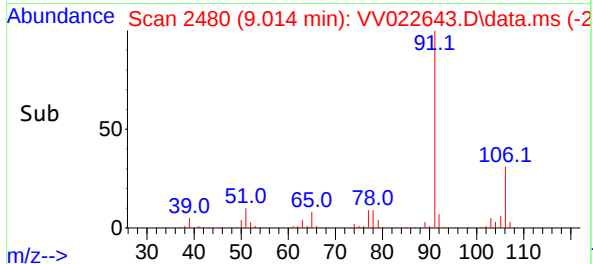
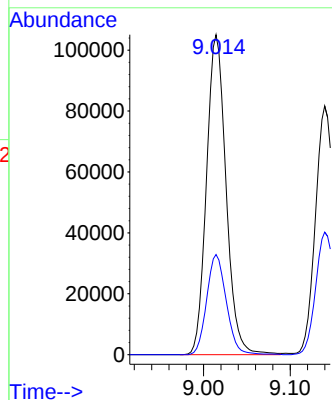
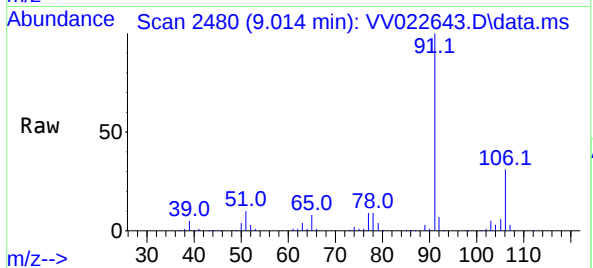




#52
Ethylbenzene
Concen: 5.533 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

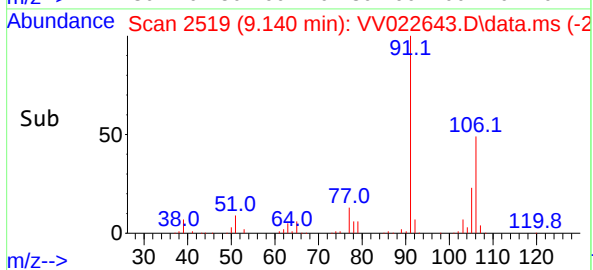
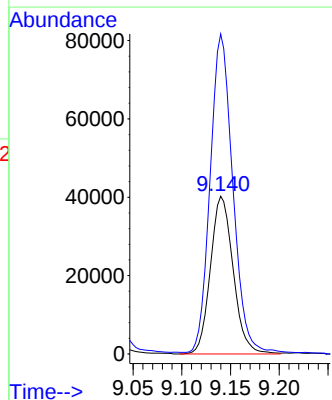
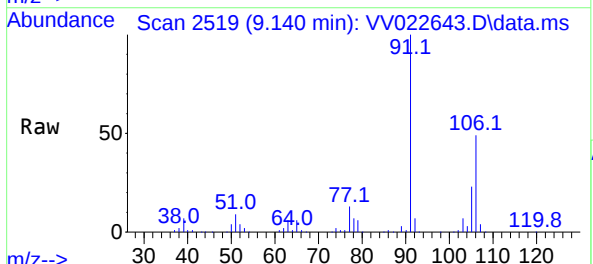
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

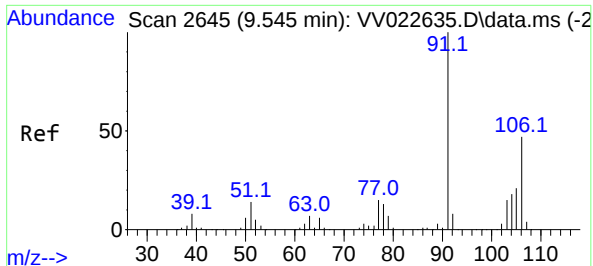
Tgt Ion: 91 Resp: 165032
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.6



#53
m,p-xylene
Concen: 5.750 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 106 Resp: 65393
Ion Ratio Lower Upper
106 100
91 202.9 144.8 269.0

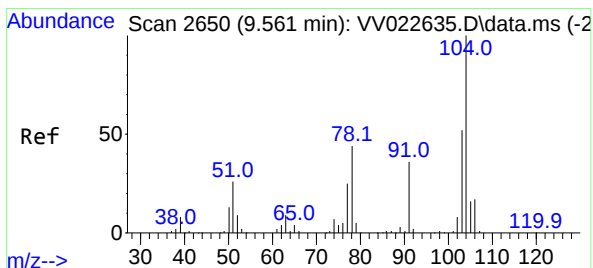
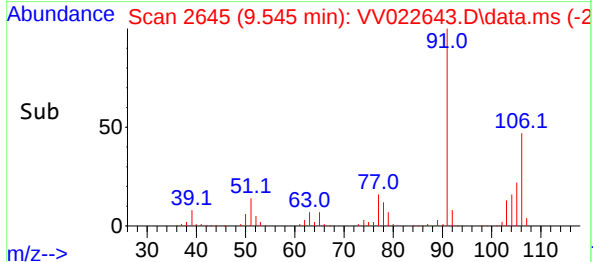
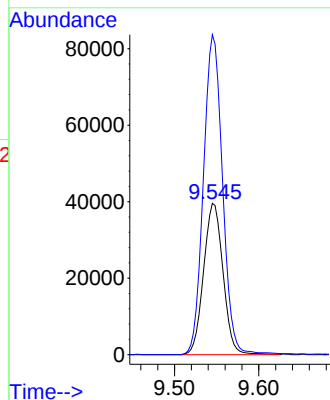
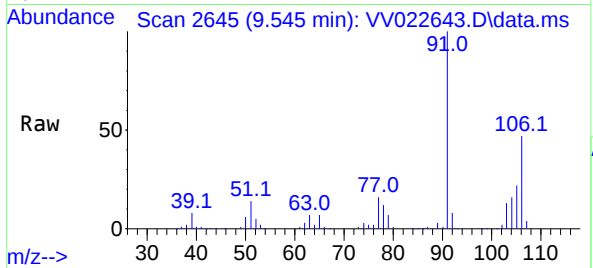




#54
o-xylene
Concen: 5.621 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

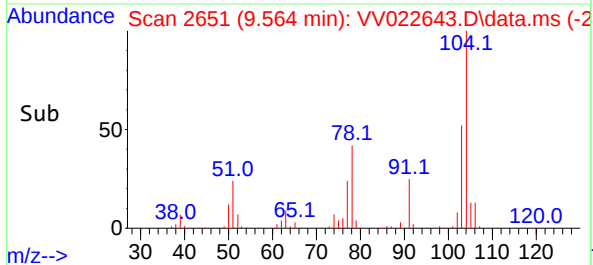
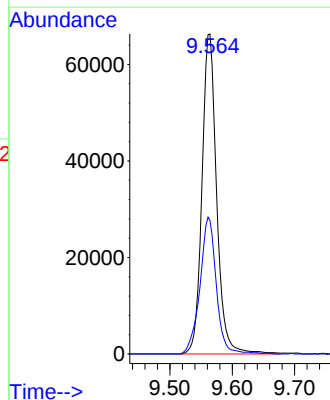
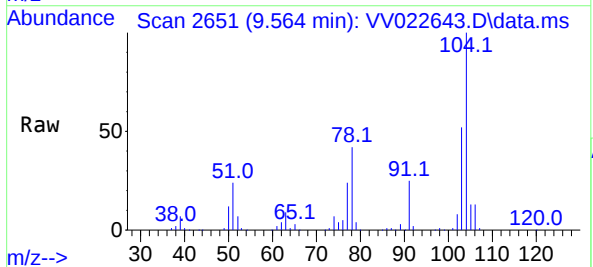
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

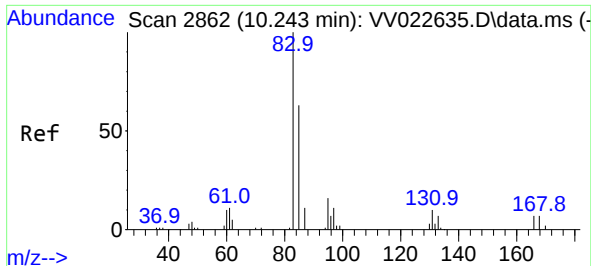
Tgt Ion:106 Resp: 63597
Ion Ratio Lower Upper
106 100
91 211.4 148.8 276.4



#55
Styrene
Concen: 5.651 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:104 Resp: 108692
Ion Ratio Lower Upper
104 100
78 41.7 28.7 53.3

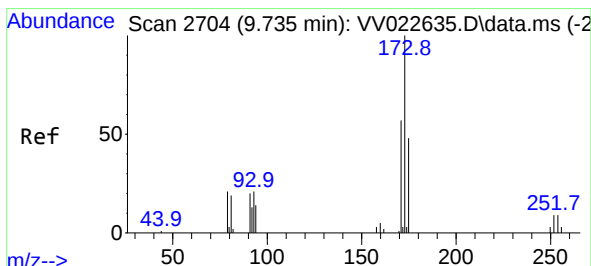
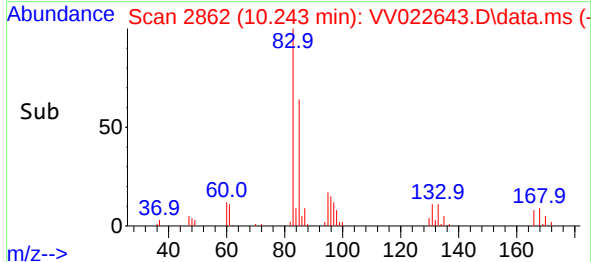
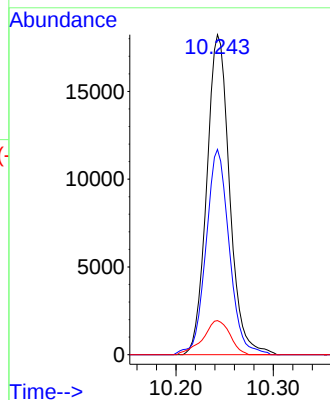
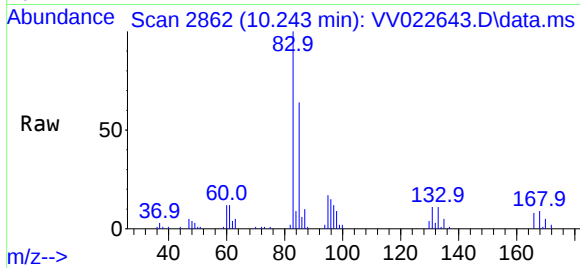




#57
1,1,2,2-Tetrachloroethane
Concen: 5.441 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

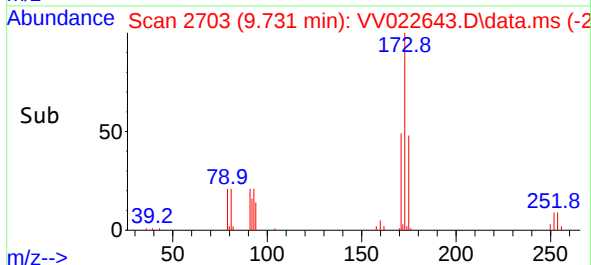
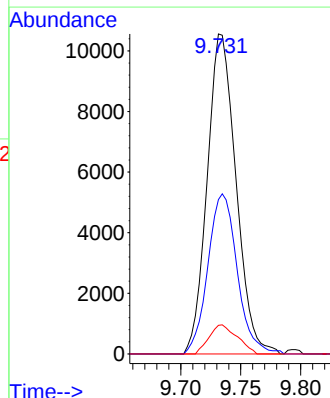
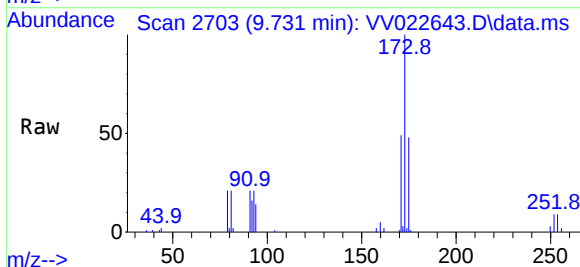
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

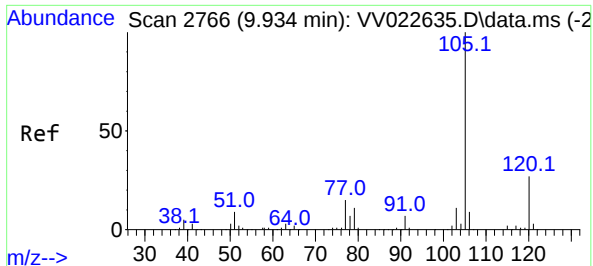
Tgt Ion:	83	Resp:	29768
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.5	86.3
131	10.6	8.6	13.0



#59
Bromoform
Concen: 5.292 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:	173	Resp:	17664
Ion	Ratio	Lower	Upper
173	100		
175	50.9	39.0	58.4
254	8.9	7.0	10.4

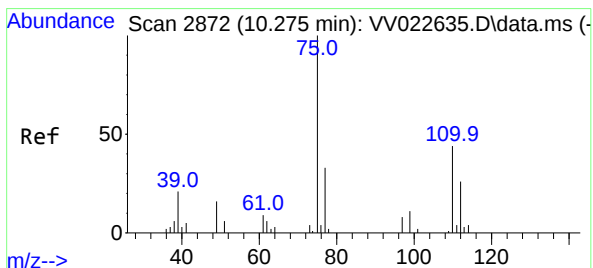
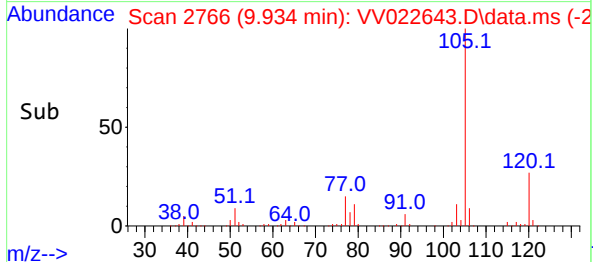
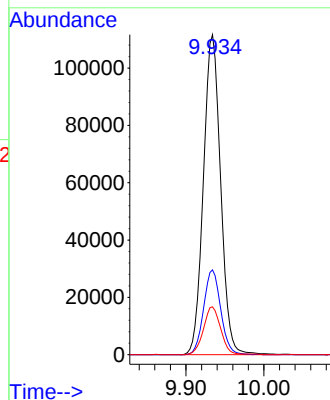
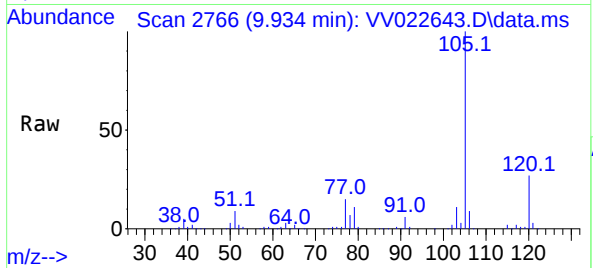




#60
Isopropylbenzene
Concen: 5.603 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

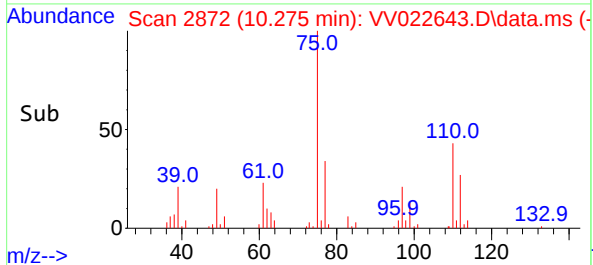
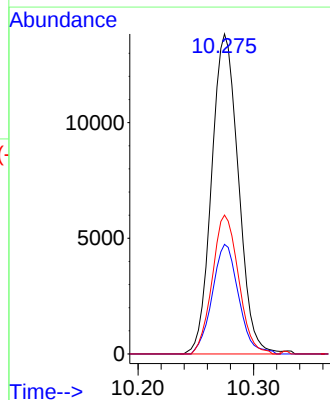
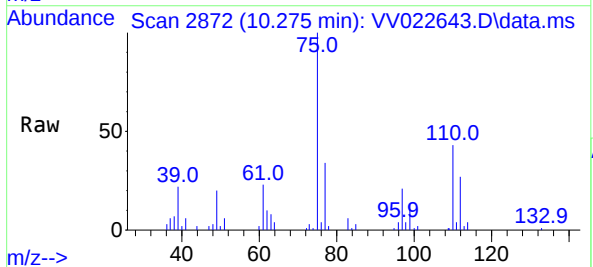
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

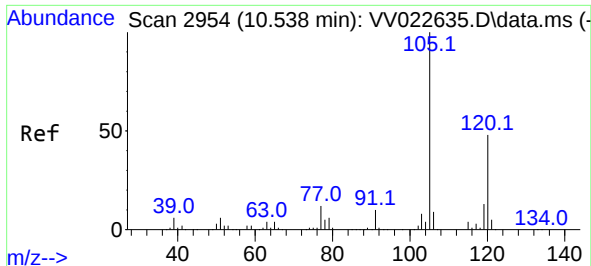
Tgt Ion:105 Resp: 171409
Ion Ratio Lower Upper
105 100
120 26.3 21.6 32.4
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.273 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
77 33.8 26.1 39.1
110 42.7 33.0 49.6

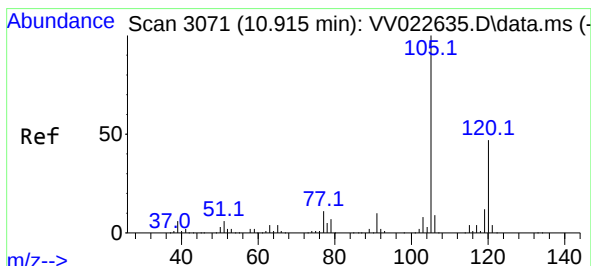
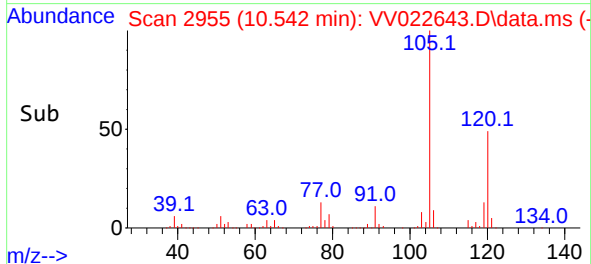
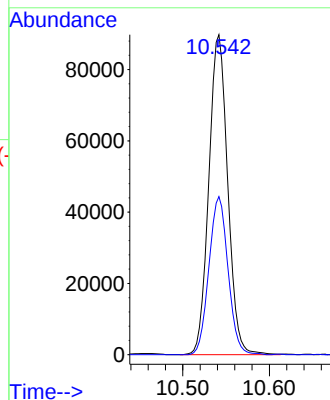
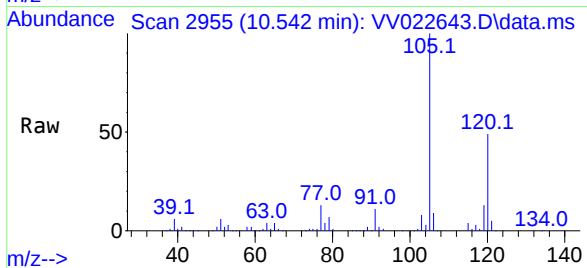




#62
1,3,5-Trimethylbenzene
Concen: 5.480 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

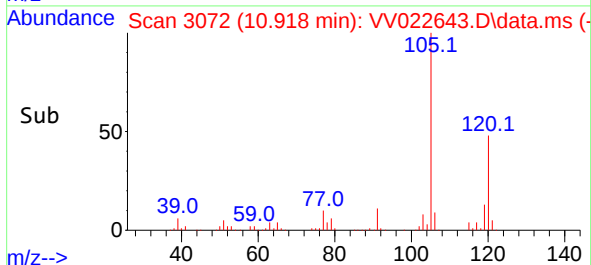
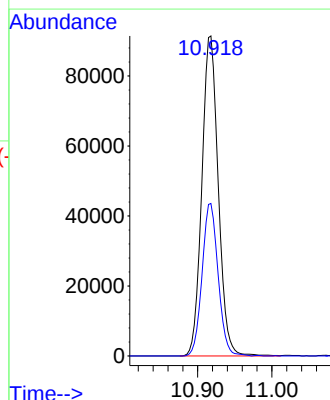
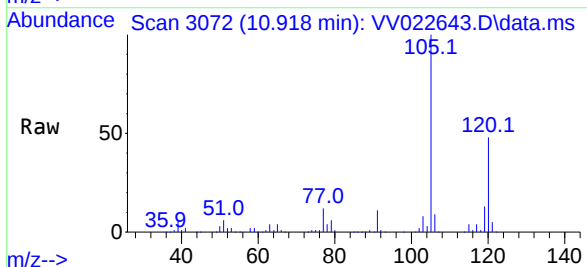
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

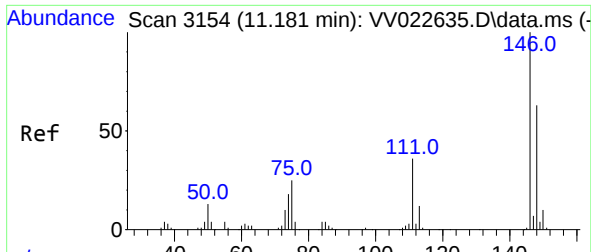
Tgt Ion:105 Resp: 135905
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.576 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:105 Resp: 140486
Ion Ratio Lower Upper
105 100
120 46.4 37.2 55.8

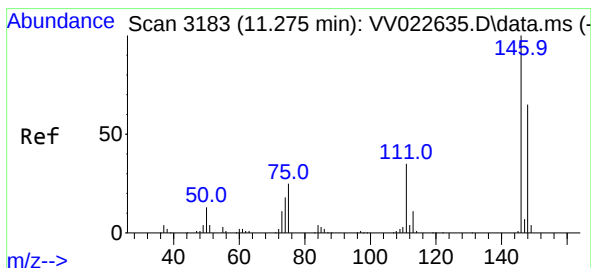
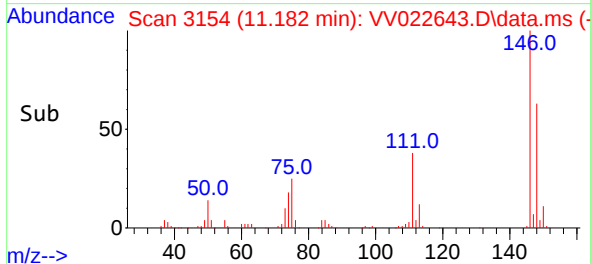
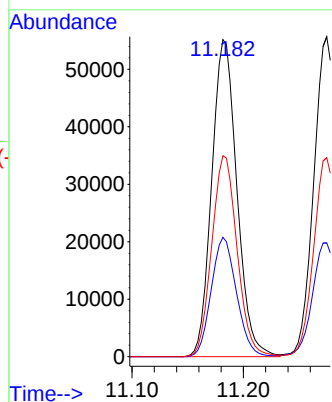
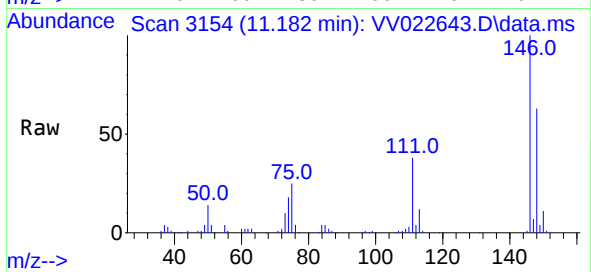




#64
1,3-Dichlorobenzene
Concen: 5.532 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

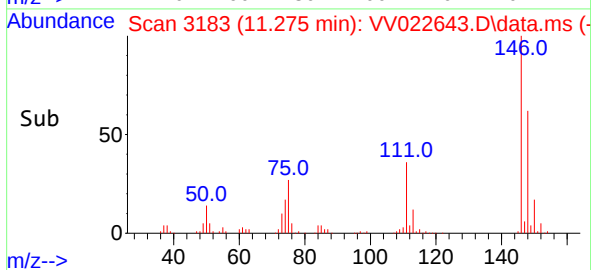
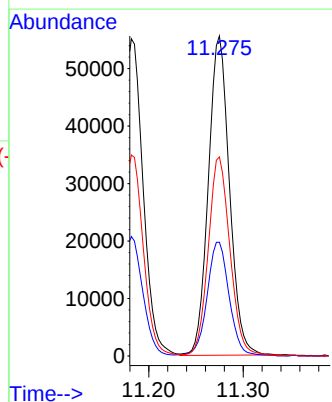
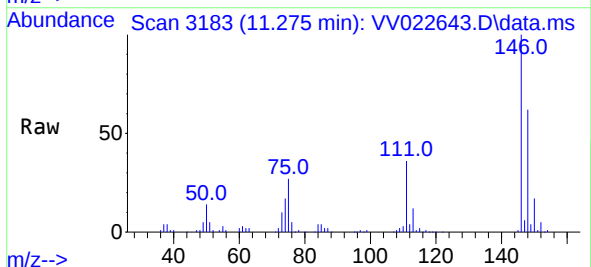
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

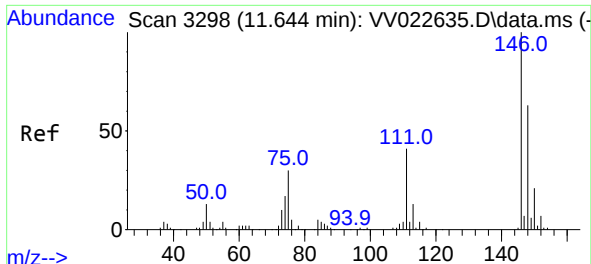
Tgt Ion:146 Resp: 86635
Ion Ratio Lower Upper
146 100
111 37.6 26.8 49.8
148 63.4 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 5.376 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:146 Resp: 86119
Ion Ratio Lower Upper
146 100
111 35.6 24.5 45.5
148 62.2 45.0 83.6

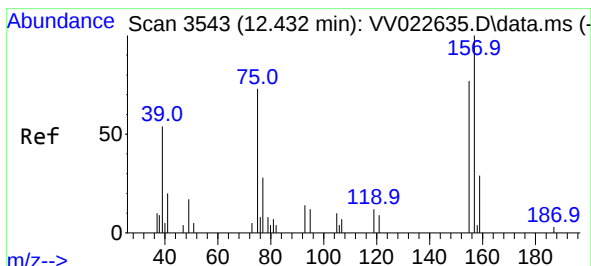
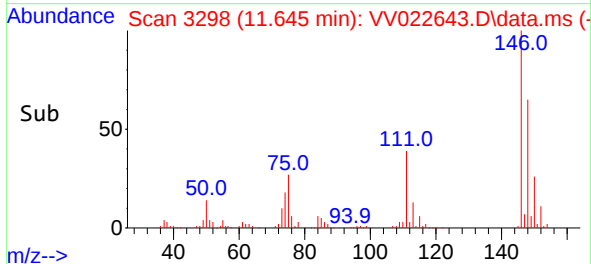
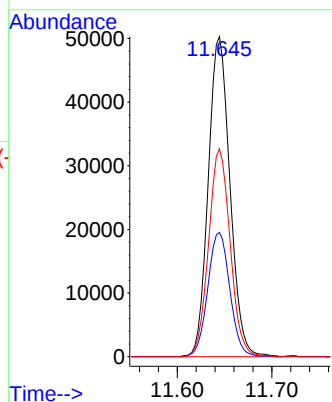
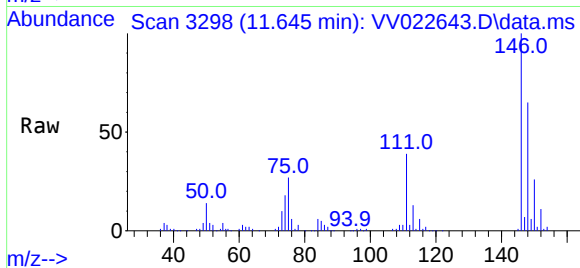




#67
1,2-Dichlorobenzene
Concen: 5.492 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

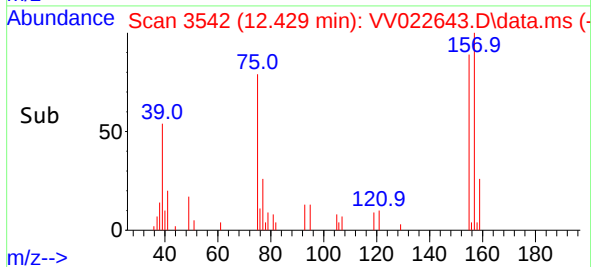
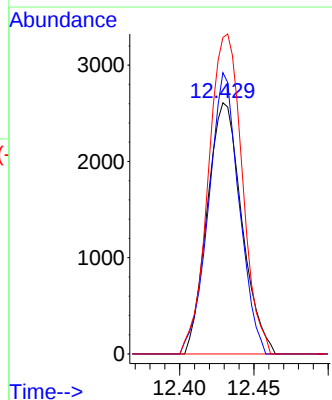
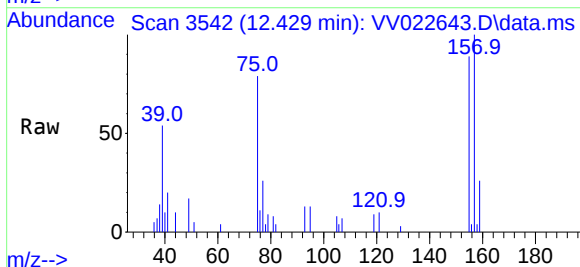
Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

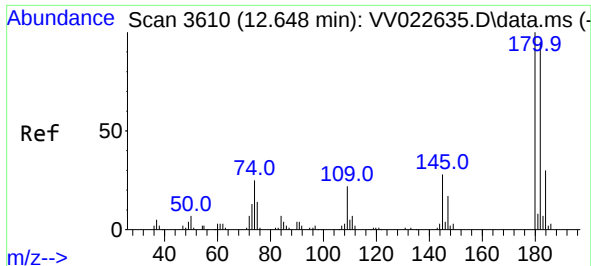
Tgt Ion:	146	Resp:	80132
Ion Ratio	Lower	Upper	
146	100		
111	38.8	31.6	47.4
148	65.0	49.0	73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.251 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

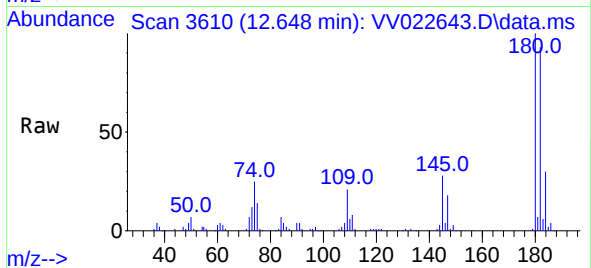
Tgt Ion:	75	Resp:	4233
Ion Ratio	Lower	Upper	
75	100		
155	112.0	77.4	116.2
157	126.0	104.7	157.1





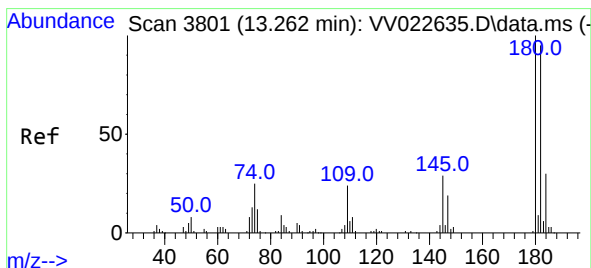
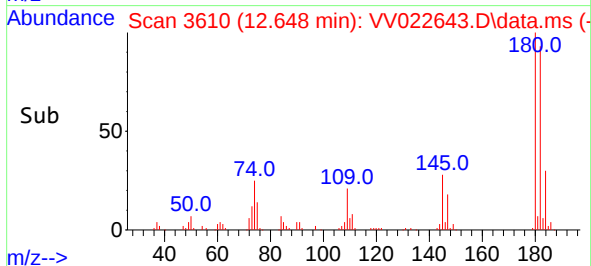
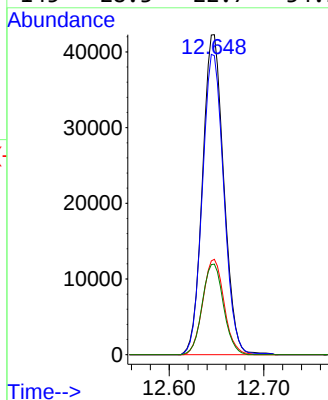
#69
1,3,5-Trichlorobenzene
Concen: 5.633 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

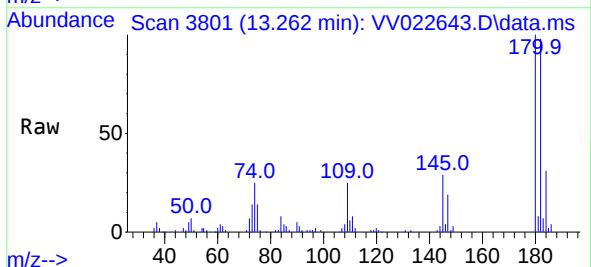


Tgt Ion:180 Resp: 66048

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.6
184	29.8	25.0	37.6
145	28.3	22.7	34.1

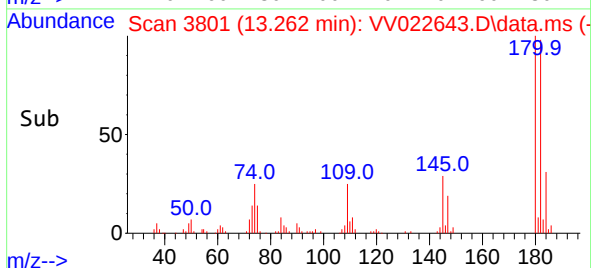
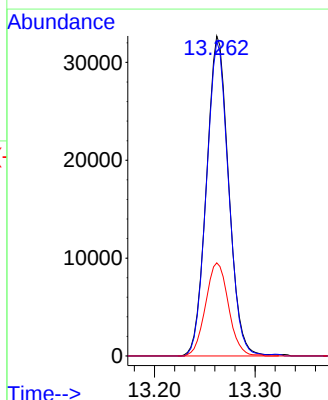


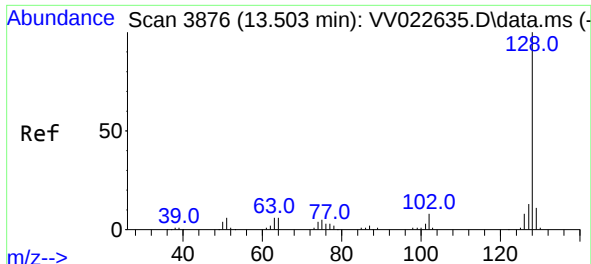
#70
1,2,4-trichlorobenzene
Concen: 5.334 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39



Tgt Ion:180 Resp: 50184

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.1	115.7
145	30.0	22.8	34.2



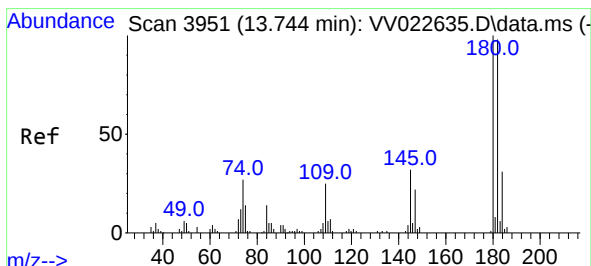
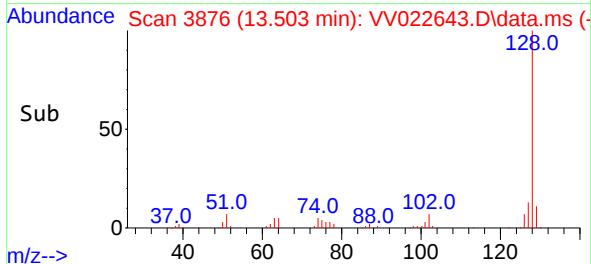
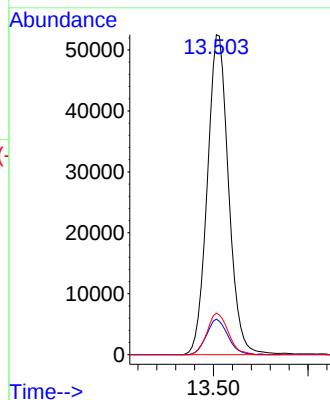
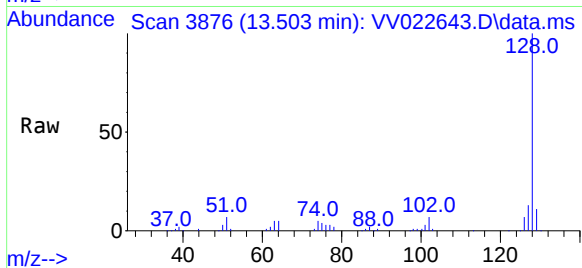


#71
Naphthalene
Concen: 5.317 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_V
ClientSampleId :
GB7C5MSD

Tgt Ion:128 Resp: 81966

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.0	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.758 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022643.D
Acq: 07 Oct 2021 00:39

Tgt Ion:180 Resp: 49787

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.0
145	32.1	24.4	36.6

