

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022778.D
 Acq On : 13 Oct 2021 22:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35721	3.998	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.568	69	35701	4.446	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.111	63	67796	3.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	3.892	46	107791	46.008	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.020%	
24) Chloroform-d	4.352	84	87848	4.771	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.037	65	39997	4.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.053	84	163703	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.072	67	52988	4.668	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.317	98	151075	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16483	4.377	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.091	63	88010	57.992	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41876	5.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61307	4.489	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46194	4.880	ug/L	99
3) Chloromethane	1.240	50	48989	5.150	ug/L	99
5) Vinyl chloride	1.310	62	49962	5.083	ug/L	100
6) Bromomethane	1.523	94	30837	5.033	ug/L	98
8) Chloroethane	1.584	64	30261	4.976	ug/L	99
9) Trichlorofluoromethane	1.754	101	69537	4.830	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38819	4.635	ug/L	97
12) 1,1-Dichloroethene	2.117	96	35306	4.501	ug/L	89
13) Acetone	2.185	43	54786	41.935	ug/L #	45
14) Carbon disulfide	2.294	76	112231	5.090	ug/L	100
15) Methyl Acetate	2.439	43	16789	4.491	ug/L #	90
16) Methylene chloride	2.506	84	47558	4.404	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	82113	4.326	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	42299	4.958	ug/L	96
19) 1,1-Dichloroethane	3.191	63	74191	4.828	ug/L	99
21) 2-Butanone	3.979	43	87427	40.871	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	43472	4.853	ug/L	93
23) Bromochloromethane	4.252	128	20858	5.241	ug/L	94
25) Chloroform	4.378	83	79252	4.449	ug/L	98

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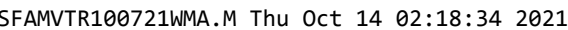
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 ClientSampleId :

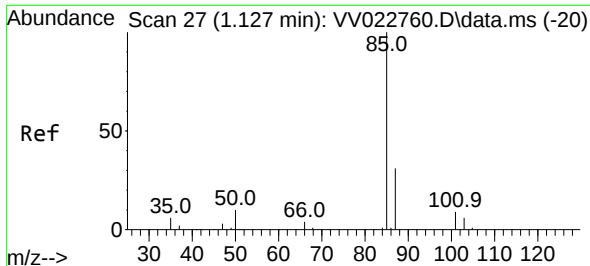
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42483	4.779	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	68683	4.671	ug/L	99
30) Cyclohexane	4.680	56	57826	4.262	ug/L	98
31) Carbon tetrachloride	4.831	117	60713	4.757	ug/L	100
33) Benzene	5.101	78	167522	4.831	ug/L	100
34) Trichloroethene	5.918	95	42922	4.551	ug/L	99
35) Methylcyclohexane	6.133	83	62237	4.710	ug/L	96
37) 1,2-Dichloropropane	6.175	63	40751	4.886	ug/L	99
38) Bromodichloromethane	6.513	83	51834	5.044	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	53130	4.812	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	216484	48.304	ug/L	99
42) Toluene	7.391	91	184815	5.249	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	45729	5.080	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29645	4.790	ug/L	95
47) Tetrachloroethene	7.976	164	37538	4.922	ug/L	99
48) 2-Hexanone	8.140	43	157355	48.020	ug/L	98
49) Dibromochloromethane	8.249	129	36570	5.047	ug/L	94
50) 1,2-Dibromoethane	8.355	107	27904	4.828	ug/L	100
51) Chlorobenzene	8.882	112	116507	5.036	ug/L	99
52) Ethylbenzene	9.014	91	183746	5.141	ug/L	99
53) m,p-xylene	9.140	106	71416	5.091	ug/L	97
54) o-xylene	9.545	106	69235	5.246	ug/L	96
55) Styrene	9.561	104	123027	5.410	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	35329	5.642	ug/L	99
59) Bromoform	9.731	173	20404	4.945	ug/L	99
60) Isopropylbenzene	9.934	105	185426	4.956	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24951	4.875	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	147642	4.884	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	151548	5.010	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98391	5.011	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	96985	4.864	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	91499	4.967	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	5004	5.372	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	74436	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	59870	5.298	ug/L	98
71) Naphthalene	13.503	128	94744	5.275	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56679	5.319	ug/L	99

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

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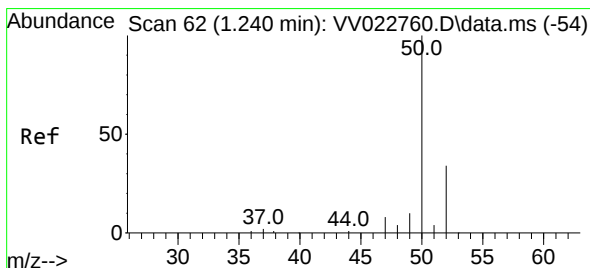
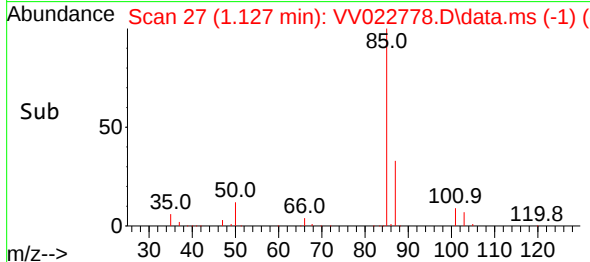
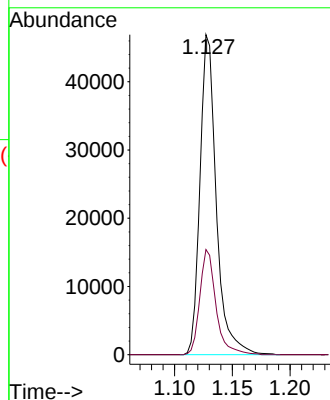
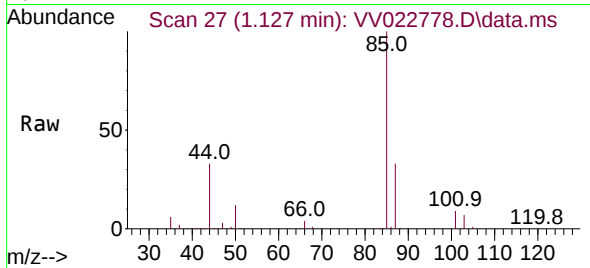




#2
 Dichlorodifluoromethane
 Concen: 4.880 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13

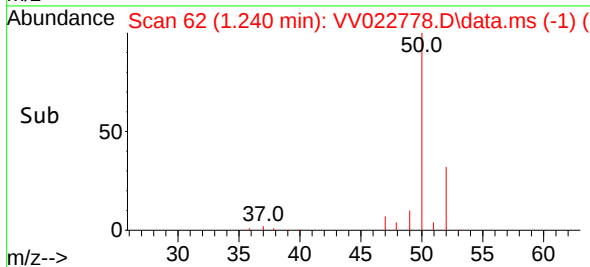
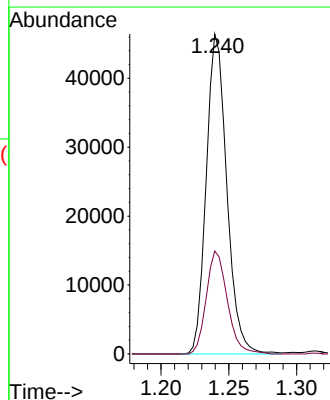
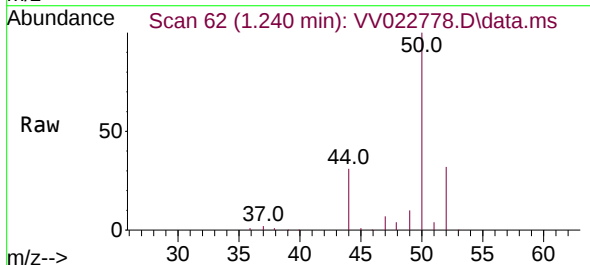
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 MSVOA_V
 ClientSampled :

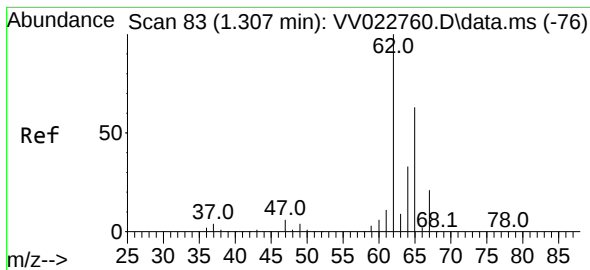
Tgt Ion: 85 Resp: 46194
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 5.150 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13

Tgt Ion: 50 Resp: 48989
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.9 42.5





#5

Vinyl chloride

Concen: 5.083 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV022778.D

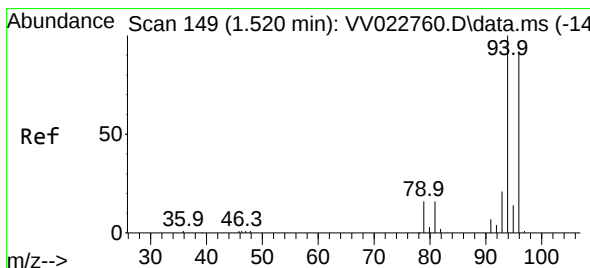
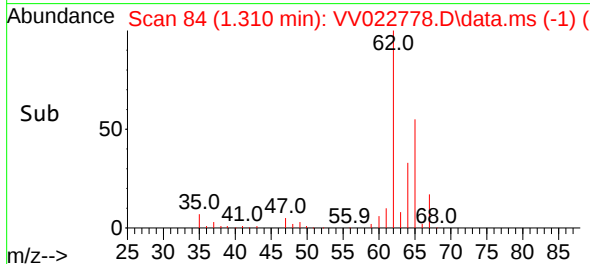
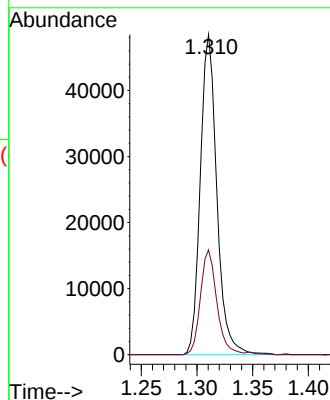
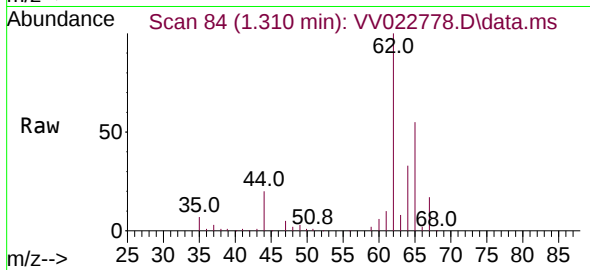
Acq: 13 Oct 2021 22:13

Tgt Ion: 62 Resp: 49962

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.8



#6

Bromomethane

Concen: 5.033 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.003 min

Lab File: VV022778.D

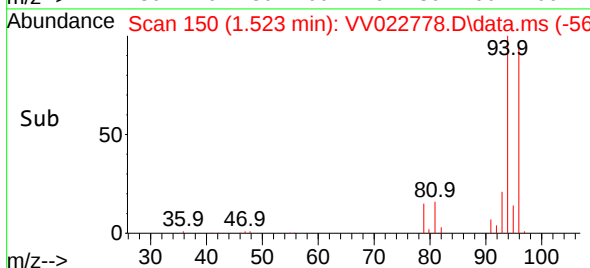
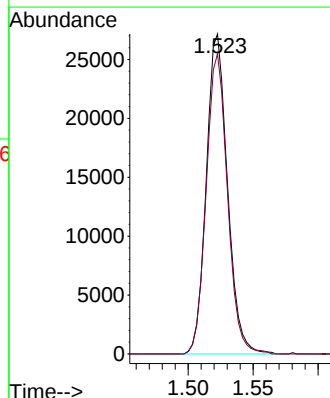
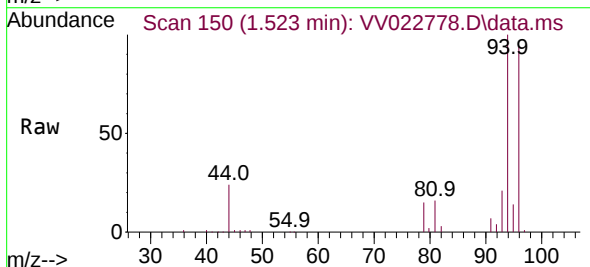
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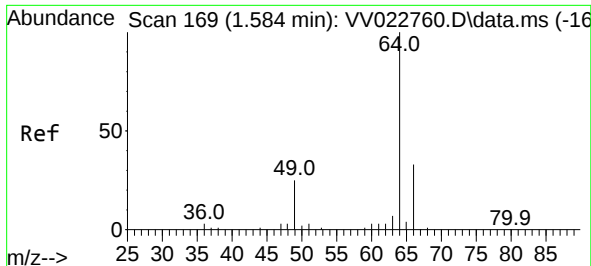
Tgt Ion: 94 Resp: 30837

Ion Ratio Lower Upper

94 100

96 93.8 67.2 124.8

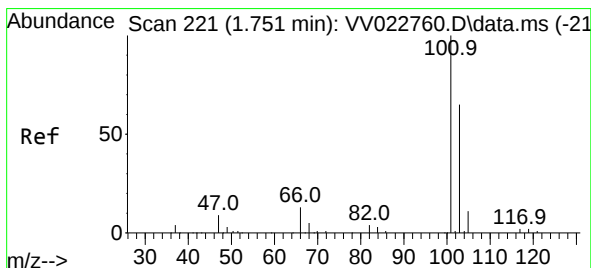
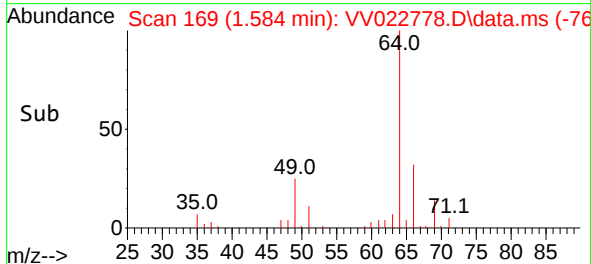
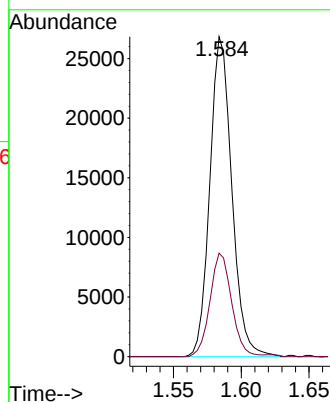
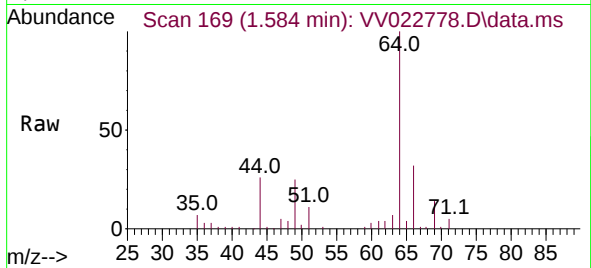




#8
Chloroethane
Concen: 4.976 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

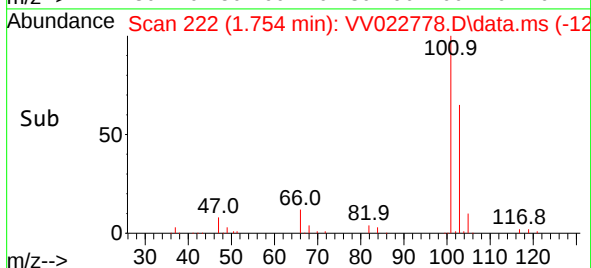
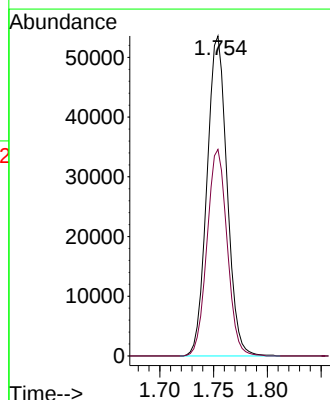
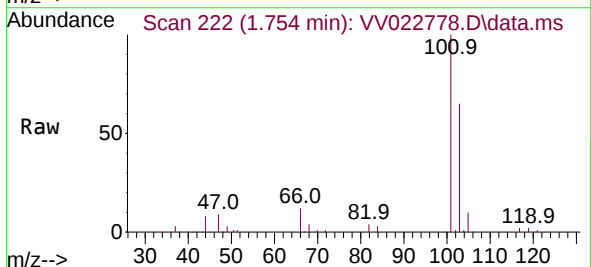
Instrument :
MSVOA_V
ClientSampled :

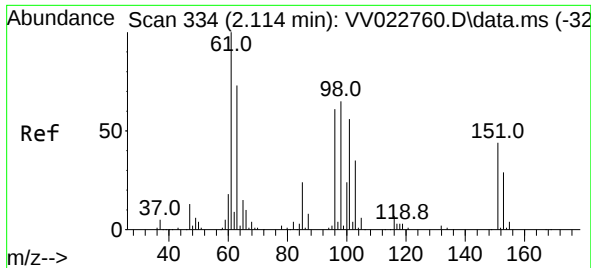
Tgt Ion: 64 Resp: 30261
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.830 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:101 Resp: 69537
Ion Ratio Lower Upper
101 100
103 64.6 50.3 75.5

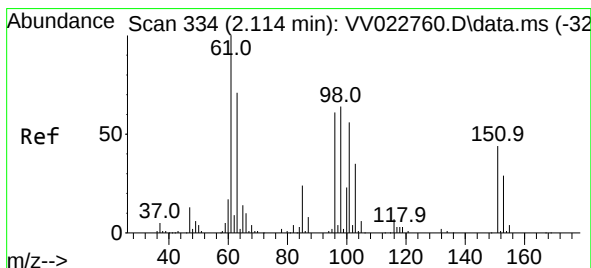
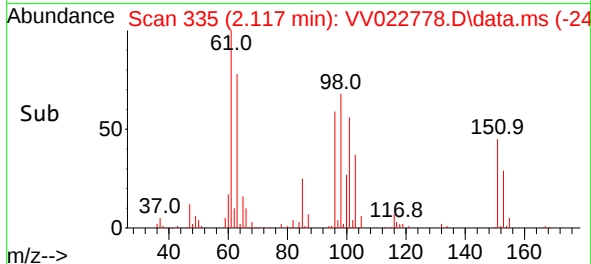
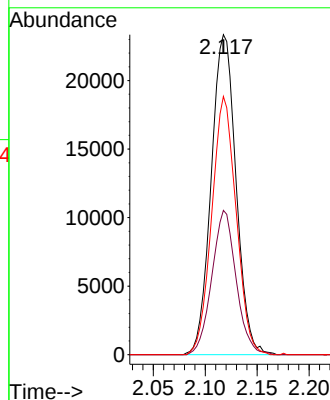
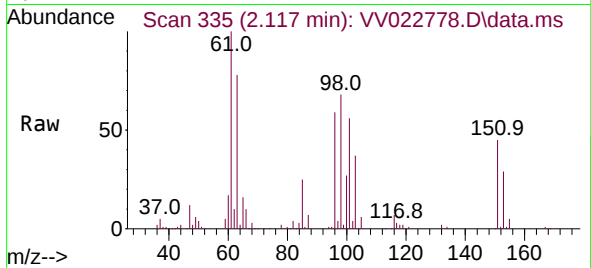




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.635 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

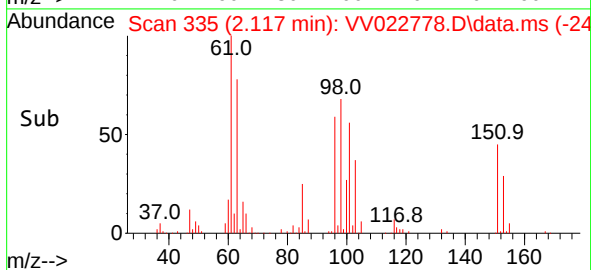
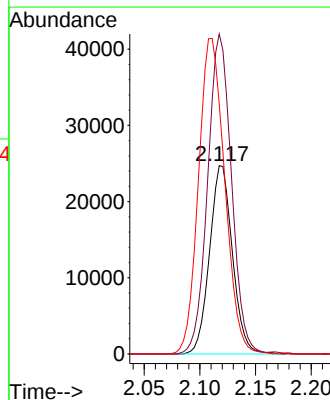
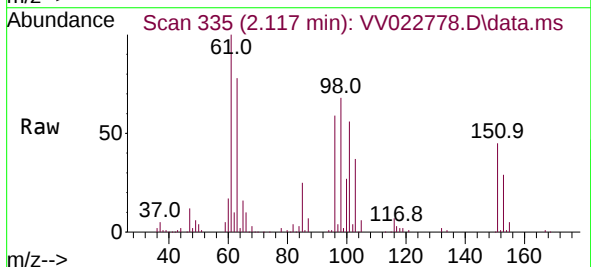
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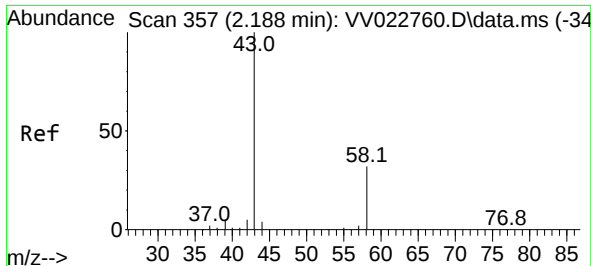
Tgt Ion:101 Resp: 38819
Ion Ratio Lower Upper
101 100
85 44.0 34.6 52.0
151 79.0 60.9 91.3



#12
1,1-Dichloroethene
Concen: 4.501 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 96 Resp: 35306
Ion Ratio Lower Upper
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61 170.0 127.3 236.5
63 132.8 106.2 197.2

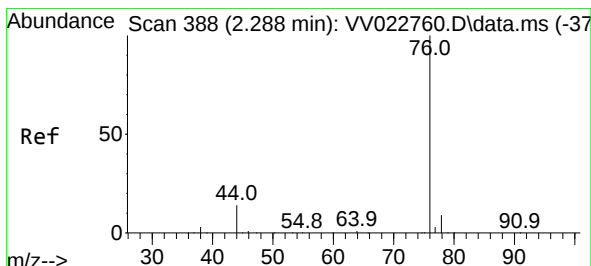
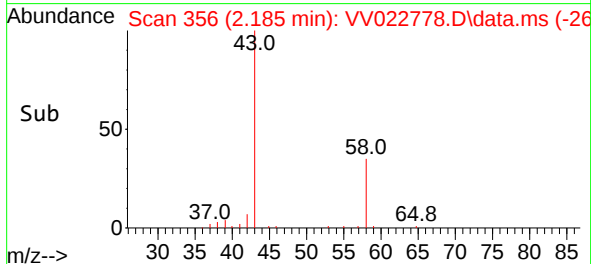
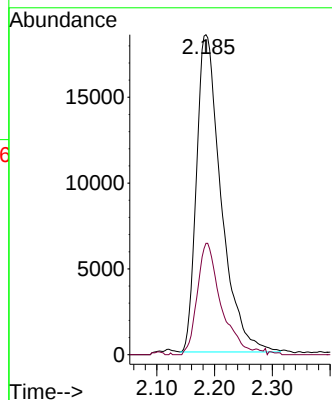
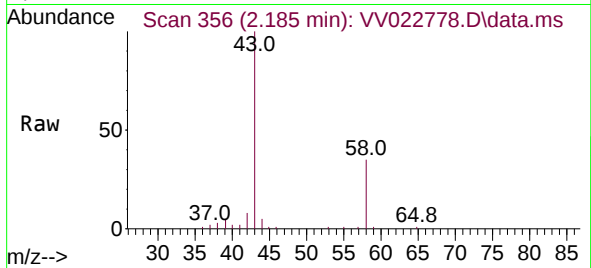




#13
Acetone
Concen: 41.935 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

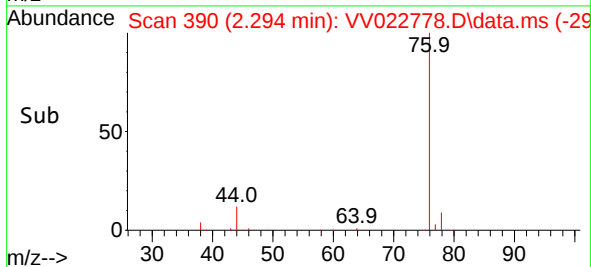
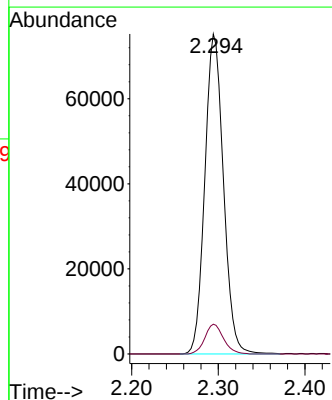
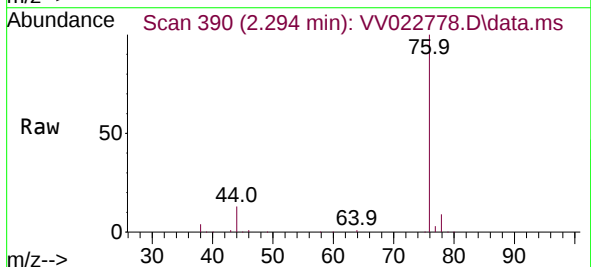
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ClientSampled :

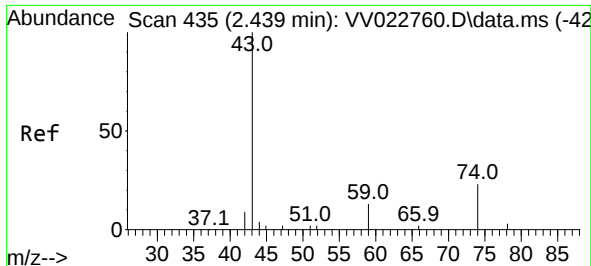
Tgt Ion: 43 Resp: 54786
Ion Ratio Lower Upper
43 100
58 33.6 0.0 24.2#



#14
Carbon disulfide
Concen: 5.090 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 76 Resp: 112231
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

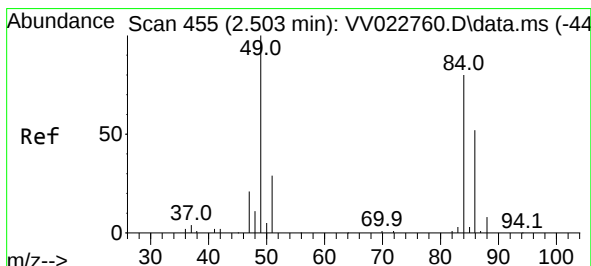
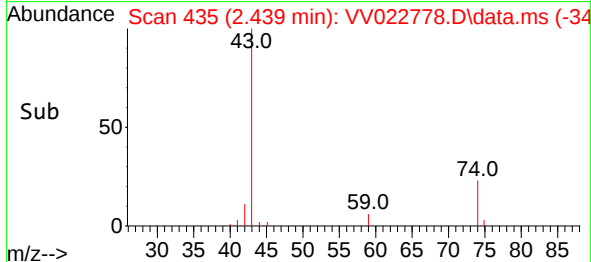
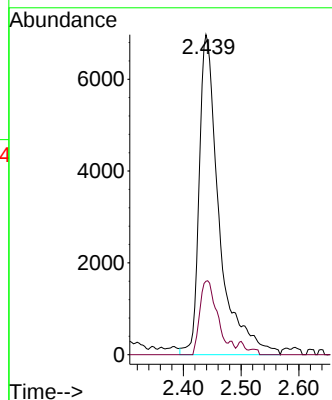
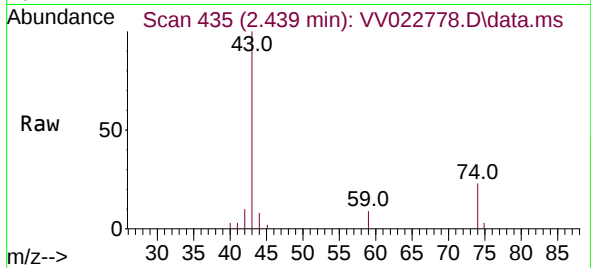




#15
Methyl Acetate
Concen: 4.491 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

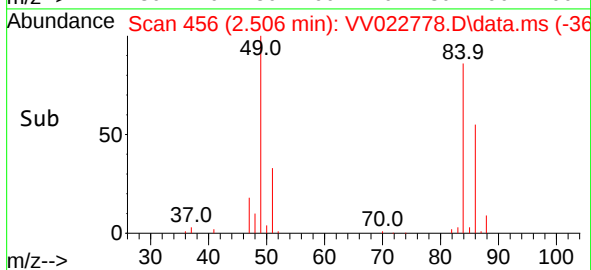
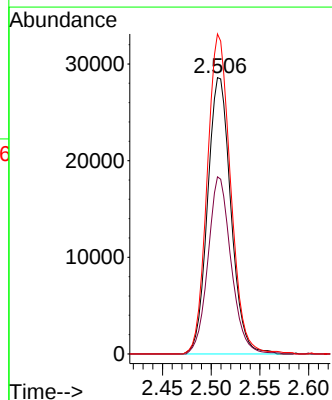
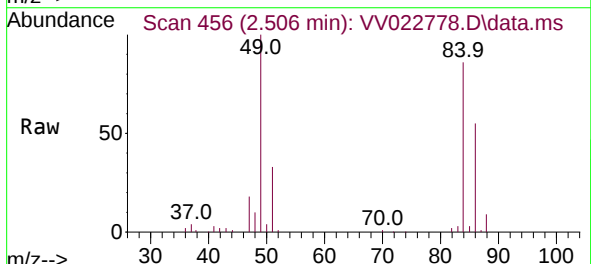
Instrument :
MSVOA_V
ClientSampled :

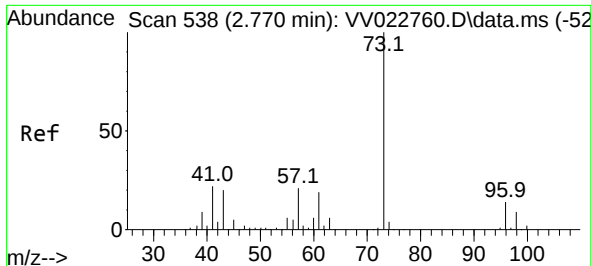
Tgt Ion: 43 Resp: 16789
Ion Ratio Lower Upper
43 100
74 19.7 19.9 29.9#



#16
Methylene chloride
Concen: 4.404 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 84 Resp: 47558
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.2
49 115.8 90.3 167.7

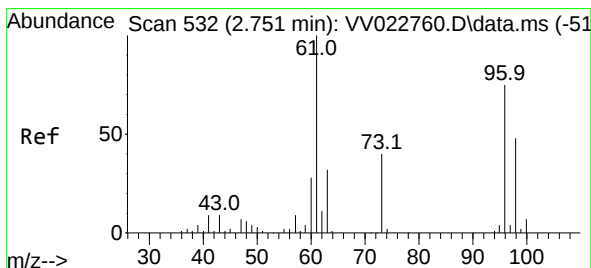
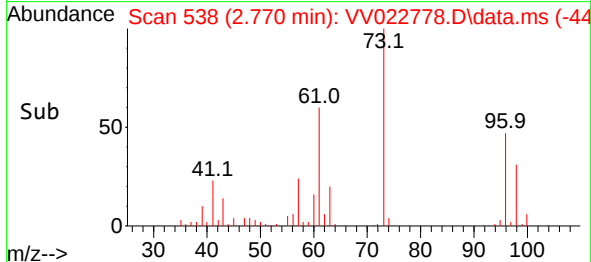
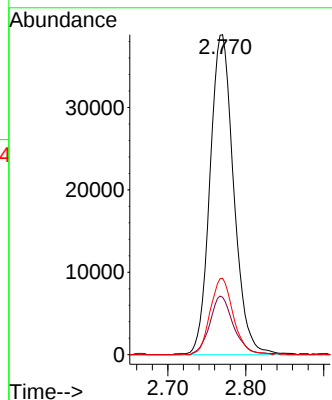
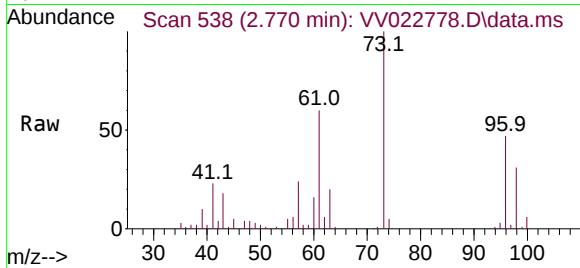




#17
Methyl tert-butyl Ether
Concen: 4.326 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

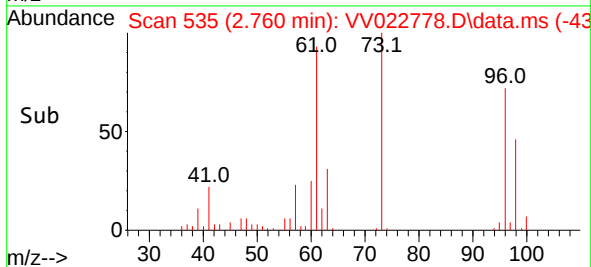
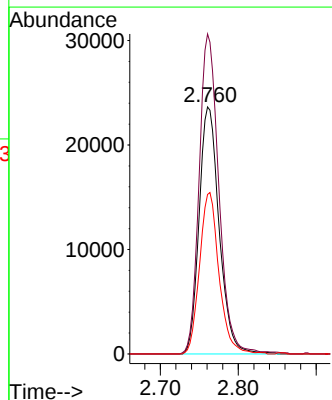
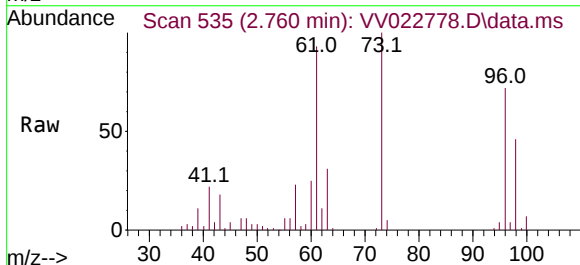
Instrument :
MSVOA_V
ClientSampleId :

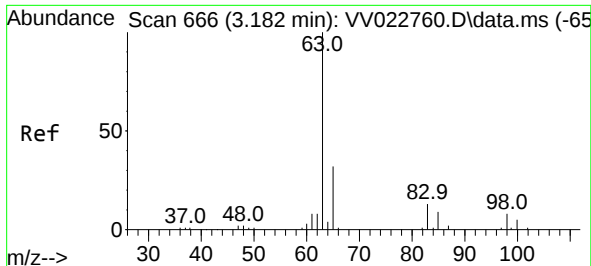
Tgt Ion: 73	Resp: 82113
Ion Ratio	Lower Upper
73 100	
43 18.4	17.1 25.7
57 23.2	17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.958 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.009 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 96	Resp: 42299
Ion Ratio	Lower Upper
96 100	
61 129.5	94.5 175.5
98 64.5	44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.828 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.009 min

Lab File: VV022778.D

Acq: 13 Oct 2021 22:13

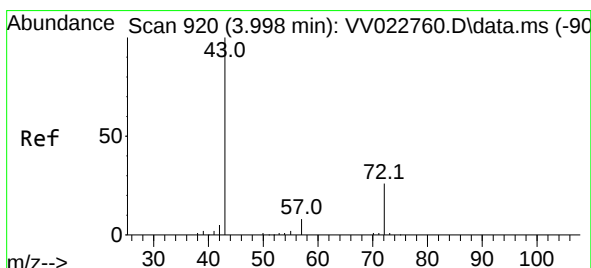
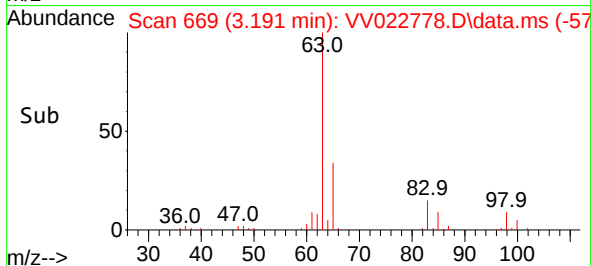
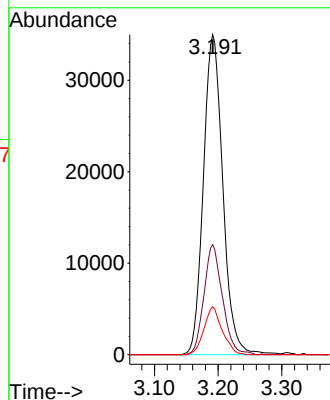
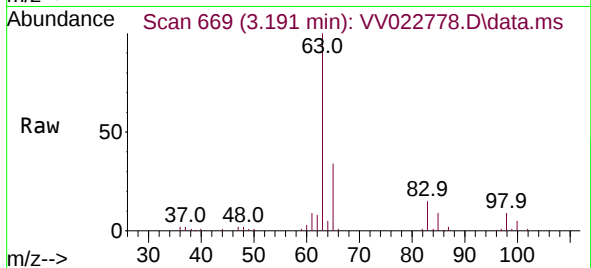
Tgt Ion: 63 Resp: 74191

Ion Ratio Lower Upper

63 100

65 34.4 23.5 43.7

83 15.0 10.1 18.7



#21

2-Butanone

Concen: 40.871 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.019 min

Lab File: VV022778.D

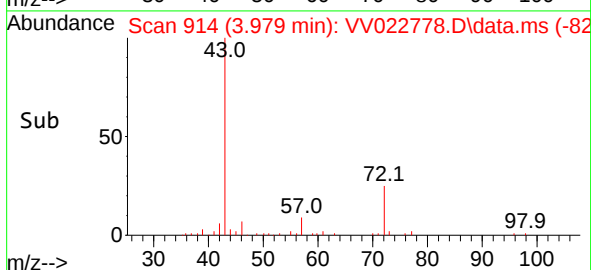
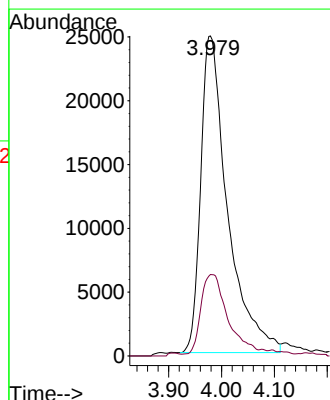
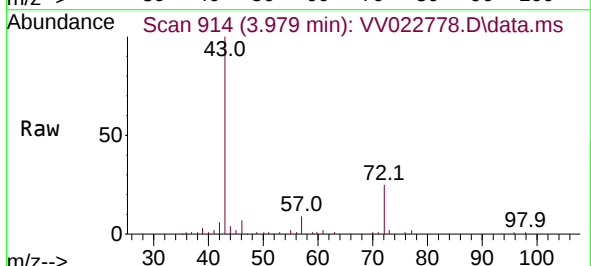
Acq: 13 Oct 2021 22:13

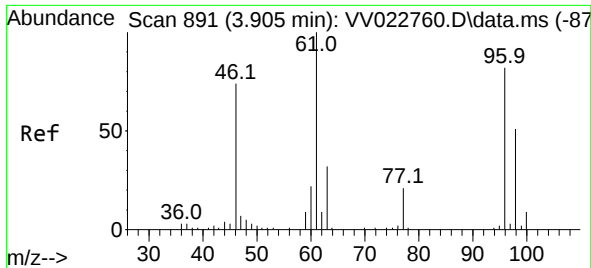
Tgt Ion: 43 Resp: 87427

Ion Ratio Lower Upper

43 100

72 25.1 12.3 36.8

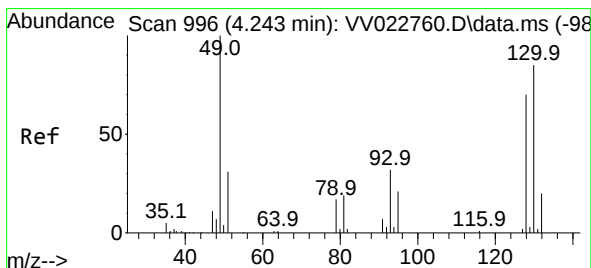
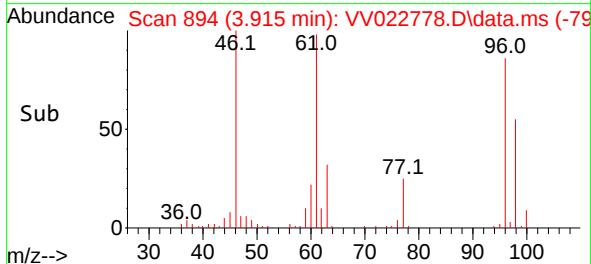
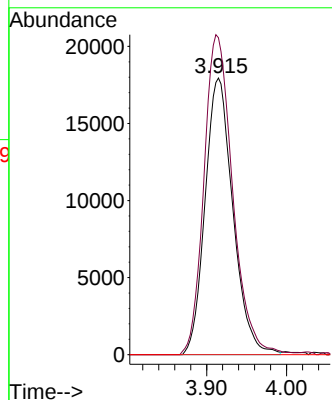
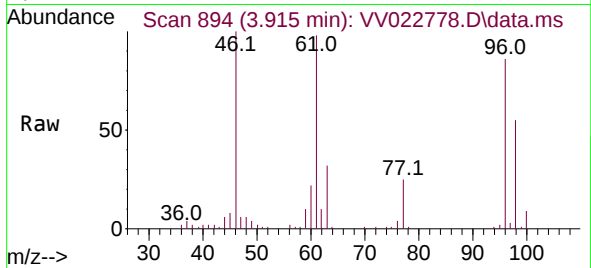




#22
cis-1,2-Dichloroethene
Concen: 4.853 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

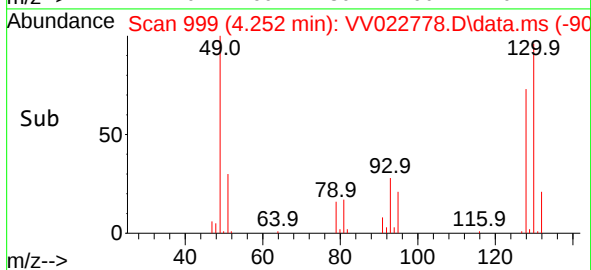
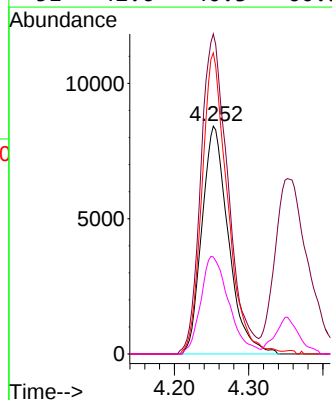
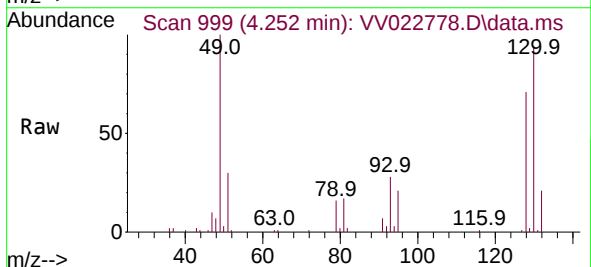
Instrument :
MSVOA_V
ClientSampled :

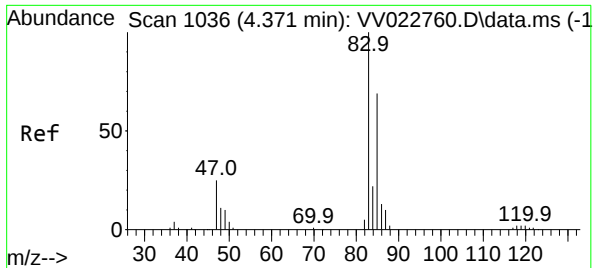
Tgt Ion: 96 Resp: 43472
Ion Ratio Lower Upper
96 100
61 114.6 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.241 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.009 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 128 Resp: 20858
Ion Ratio Lower Upper
128 100
49 140.5 106.9 198.5
130 132.1 91.9 170.7
51 42.6 40.3 60.5

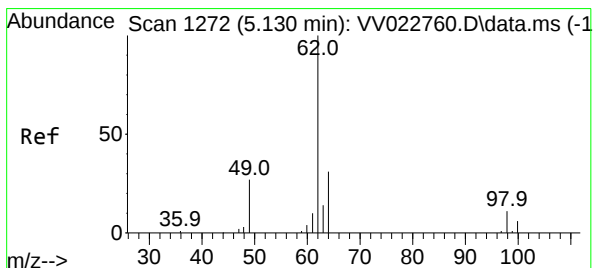
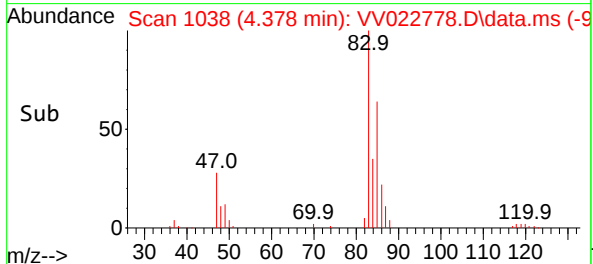
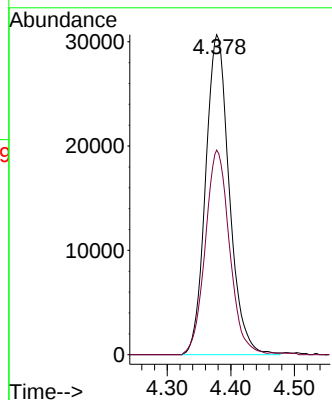
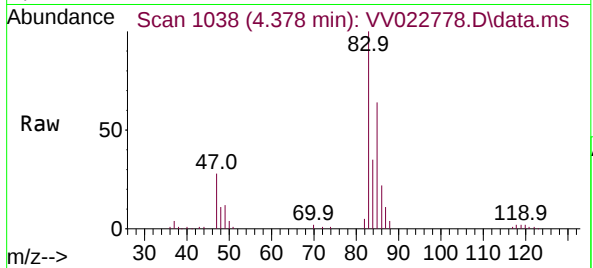




#25
Chloroform
Concen: 4.449 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

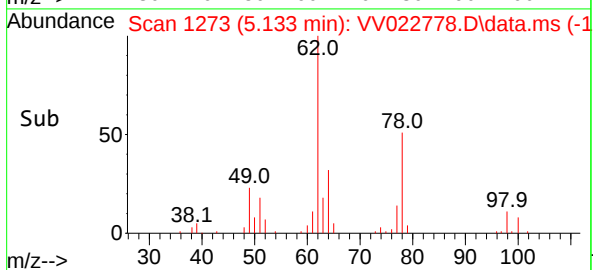
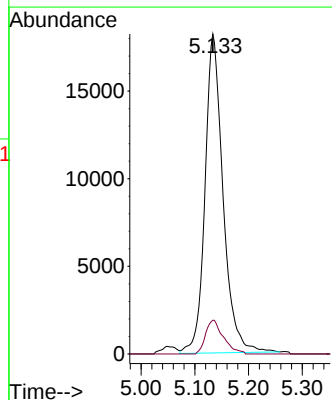
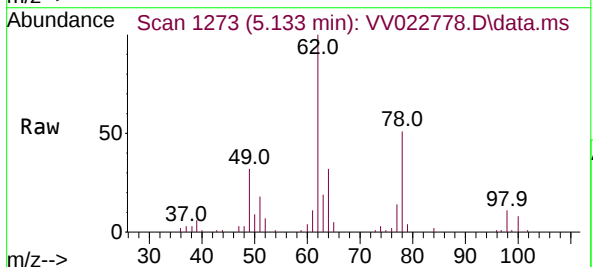
Instrument :
MSVOA_V
ClientSampled :

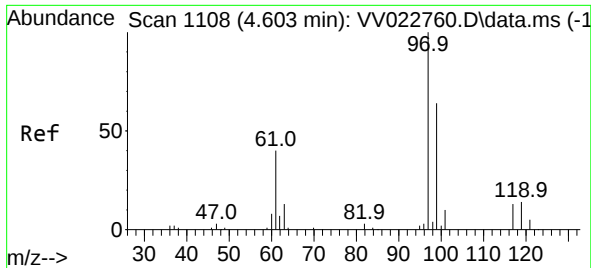
Tgt Ion: 83 Resp: 79252
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.779 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 62 Resp: 42483
Ion Ratio Lower Upper
62 100
98 10.5 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 4.671 ug/L

RT: 4.609 min Scan# 1110

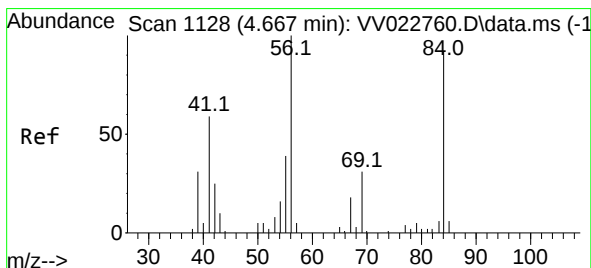
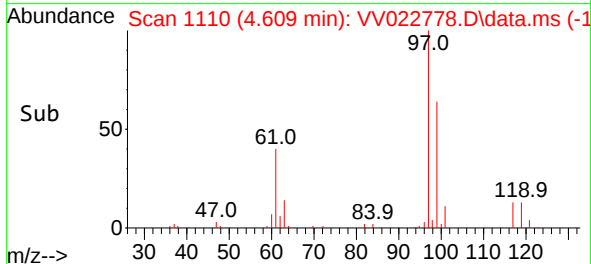
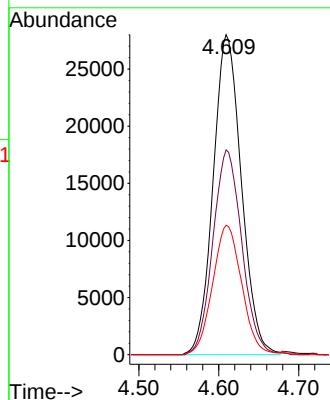
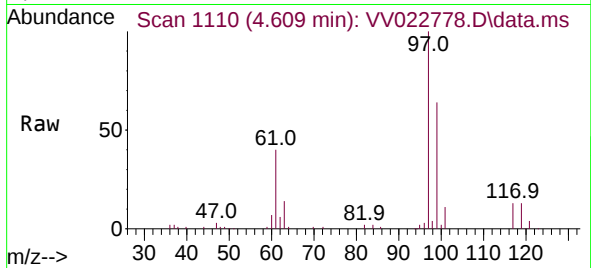
Delta R.T. 0.006 min

Lab File: VV022778.D

Acq: 13 Oct 2021 22:13

Tgt Ion: 97 Resp: 68683

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.2	76.8
61	41.6	33.2	49.8



#30

Cyclohexane

Concen: 4.262 ug/L

RT: 4.680 min Scan# 1132

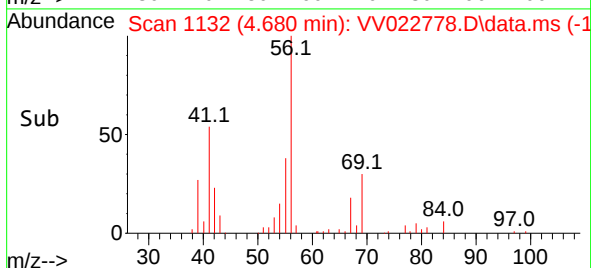
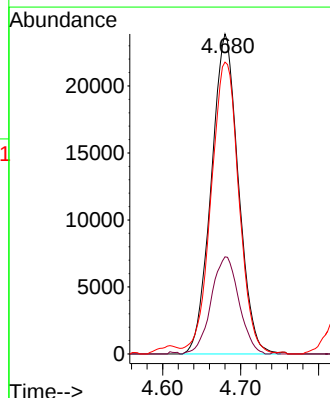
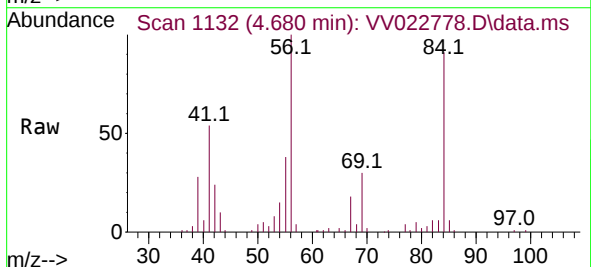
Delta R.T. 0.013 min

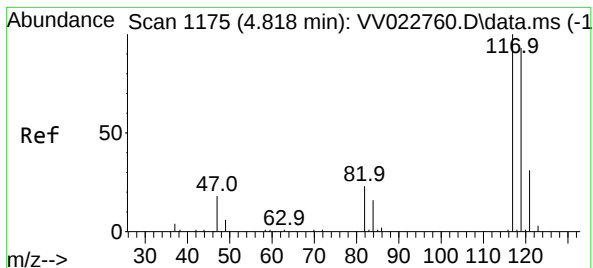
Lab File: VV022778.D

Acq: 13 Oct 2021 22:13

Tgt Ion: 56 Resp: 57826

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.9	37.3
84	92.7	72.5	108.7

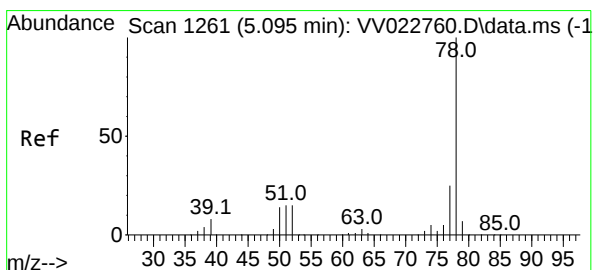
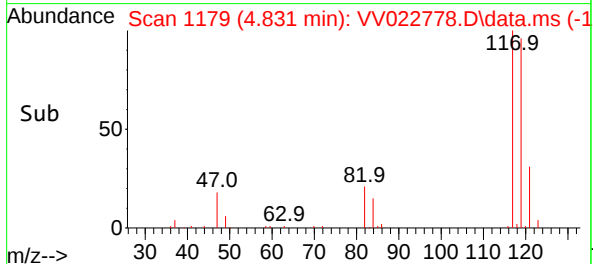
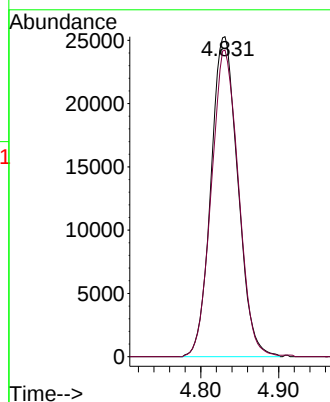
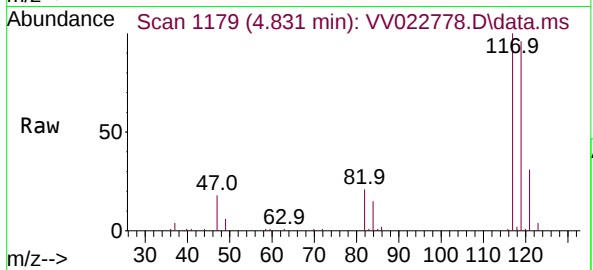




#31
Carbon tetrachloride
Concen: 4.757 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

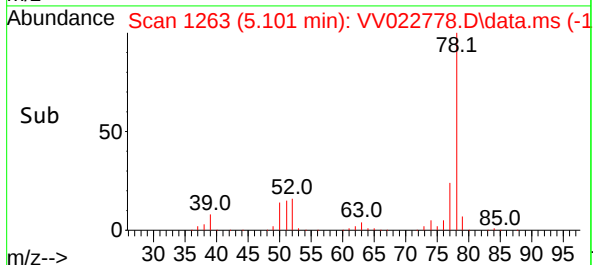
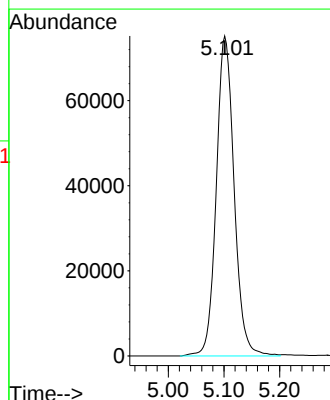
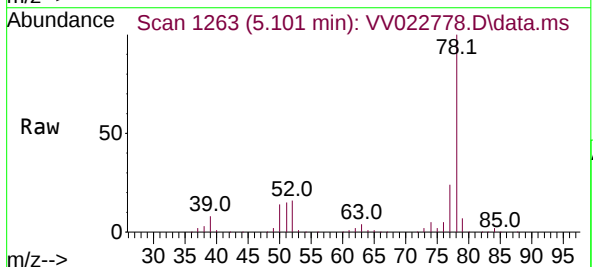
Instrument :
MSVOA_V
ClientSampleId :

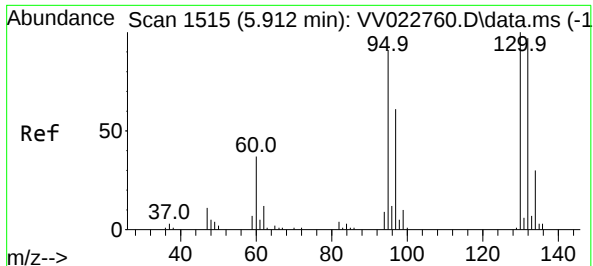
Tgt Ion:117 Resp: 60713
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0



#33
Benzene
Concen: 4.831 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 78 Resp: 167522

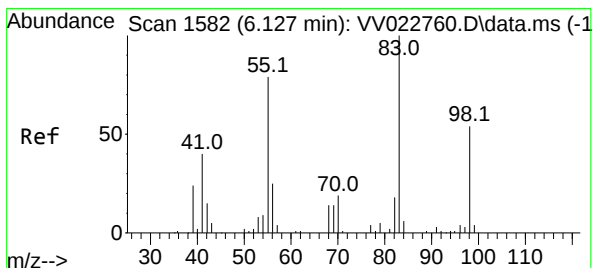
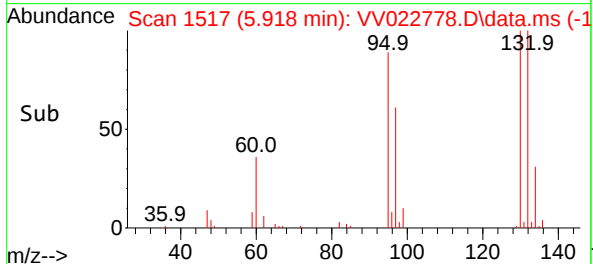
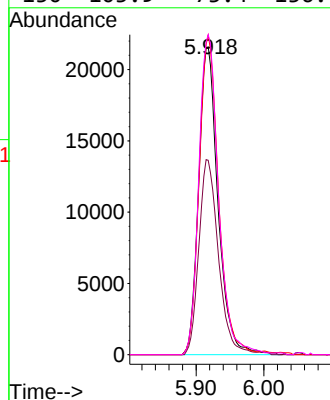
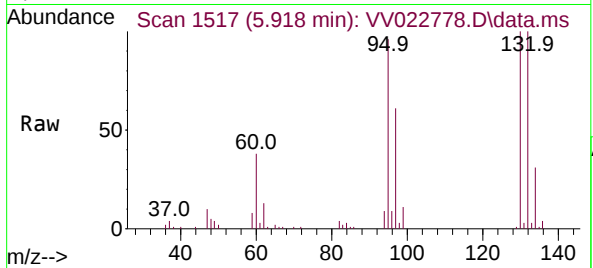




#34
Trichloroethene
Concen: 4.551 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

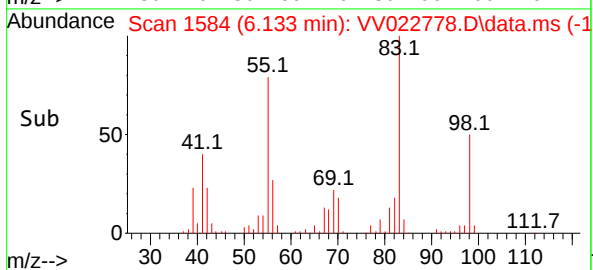
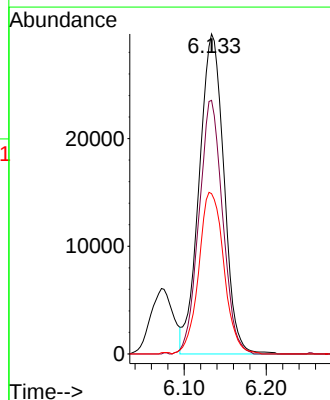
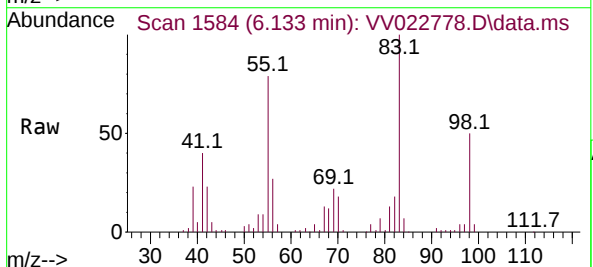
Instrument :
MSVOA_V
ClientSampled :

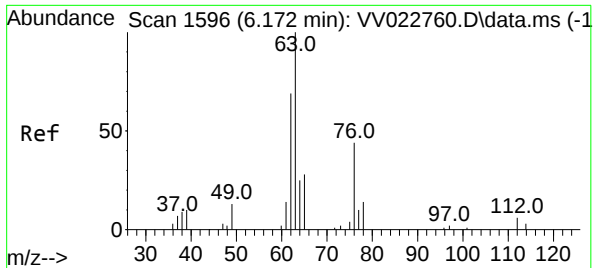
Tgt Ion: 95 Resp: 42922
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.2
132 103.7 72.2 134.0
130 103.9 73.4 136.4



#35
Methylcyclohexane
Concen: 4.710 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 83 Resp: 62237
Ion Ratio Lower Upper
83 100
55 75.7 63.8 95.6
98 51.2 42.1 63.1

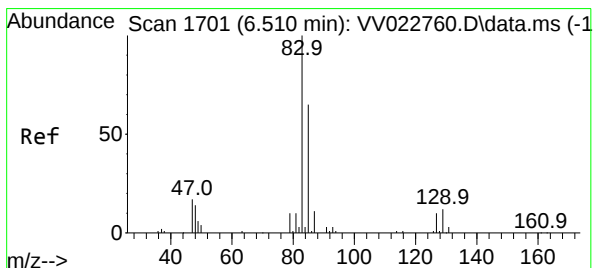
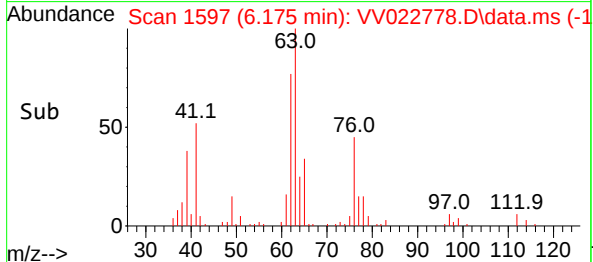
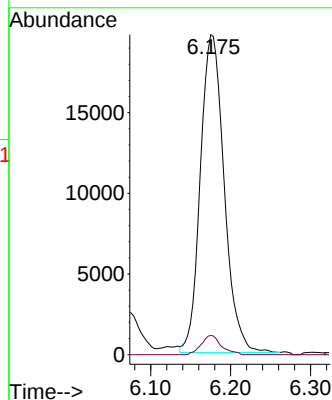
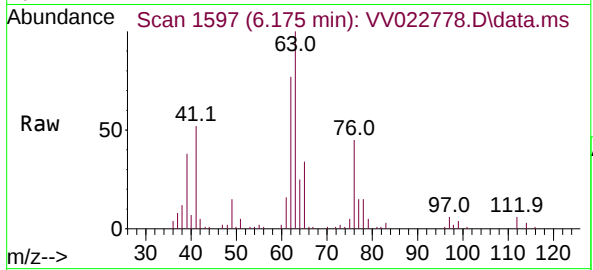




#37
1,2-Dichloropropane
Concen: 4.886 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

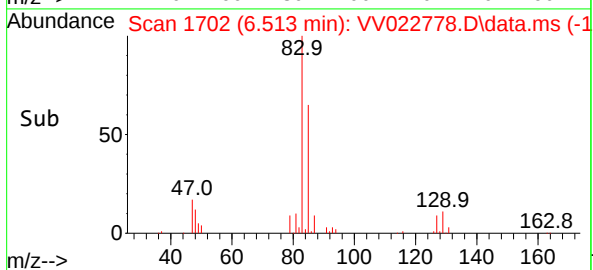
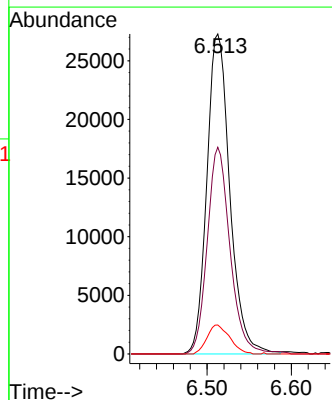
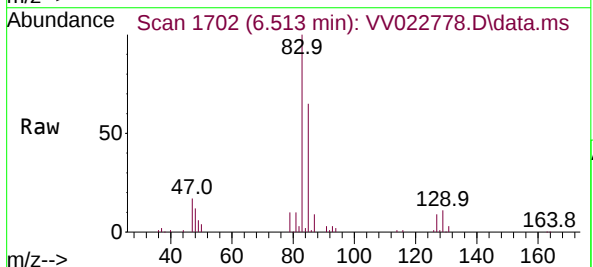
Instrument :
MSVOA_V
ClientSampled :

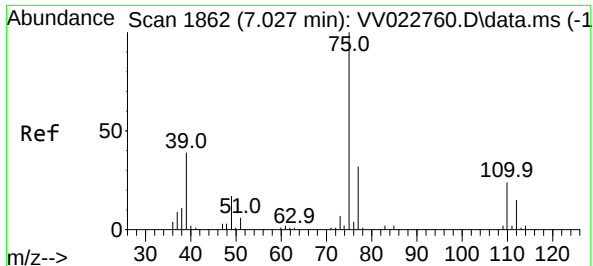
Tgt Ion: 63 Resp: 40751
Ion Ratio Lower Upper
63 100
112 5.1 4.4 6.6



#38
Bromodichloromethane
Concen: 5.044 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 83 Resp: 51834
Ion Ratio Lower Upper
83 100
85 64.6 44.3 82.3
127 9.0 7.7 11.5



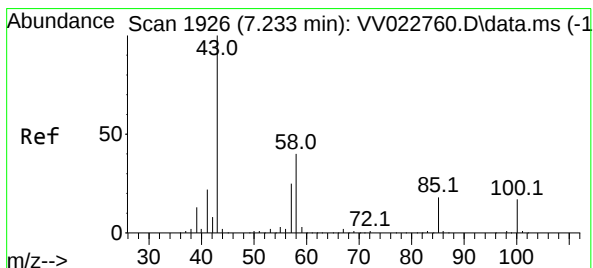
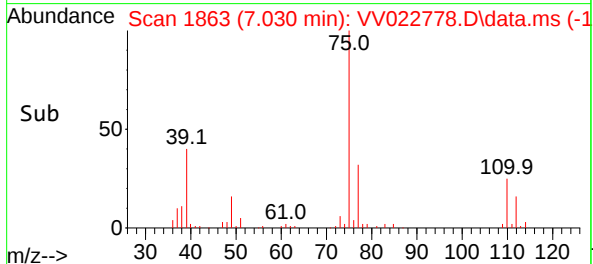
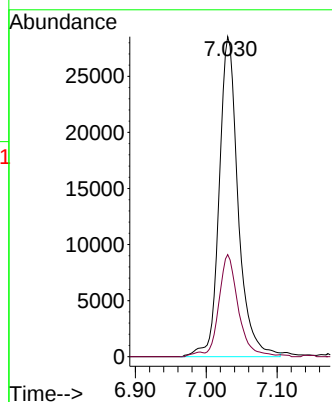
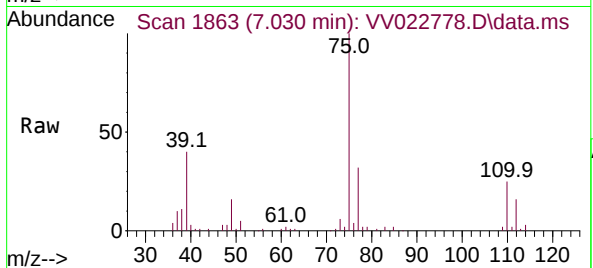


#39

cis-1,3-Dichloropropene
 Concen: 4.812 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13

Instrument :
 MSVOA_V
 ClientSampled :

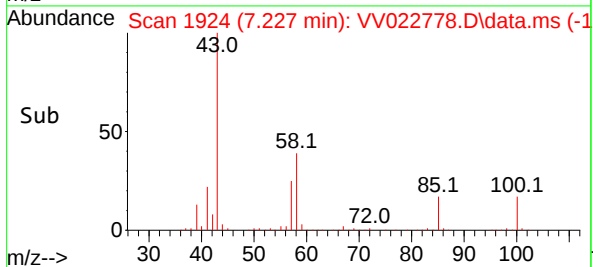
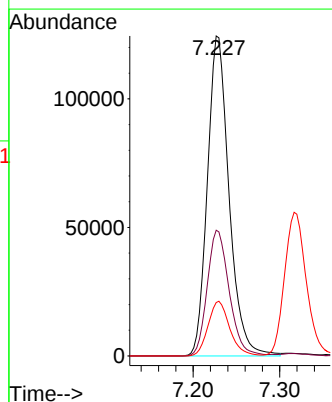
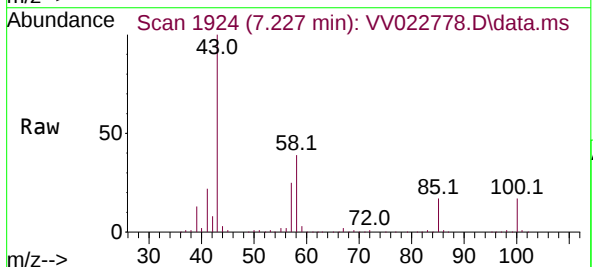
Tgt Ion: 75 Resp: 53130
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3

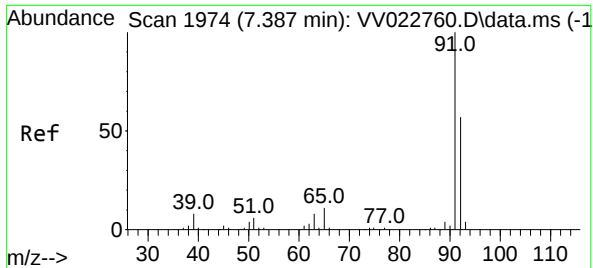


#40

4-Methyl-2-pentanone
 Concen: 48.304 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.007 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13

Tgt Ion: 43 Resp: 216484
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.0 48.0
 100 17.1 14.2 21.2

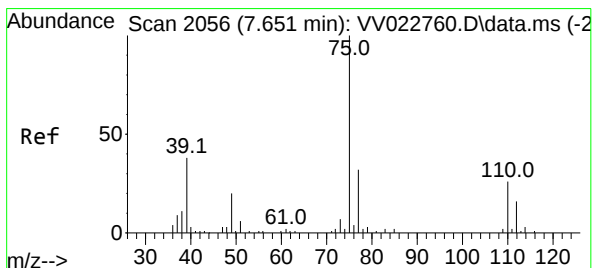
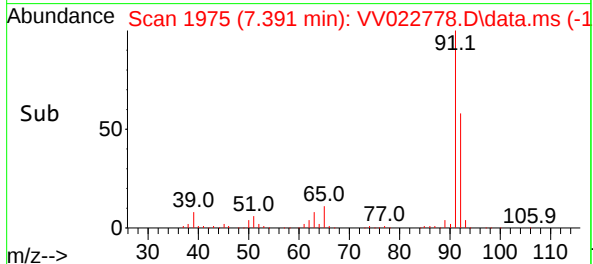
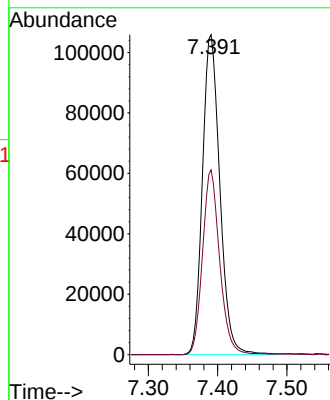
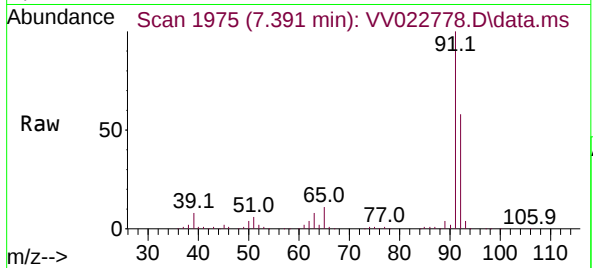




#42
Toluene
Concen: 5.249 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

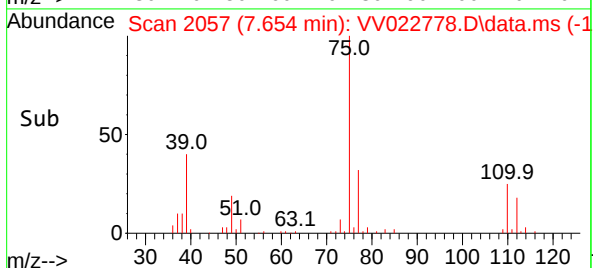
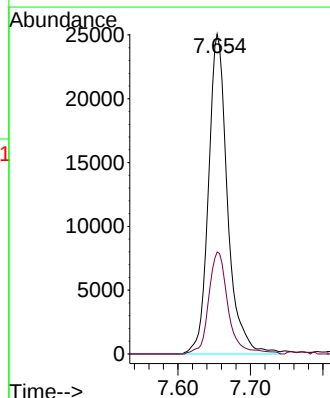
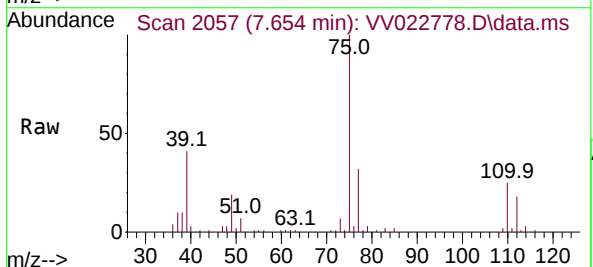
Instrument :
MSVOA_V
ClientSampled :

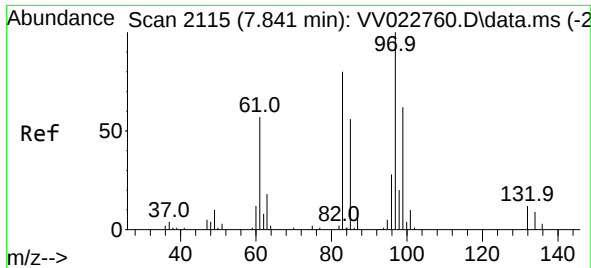
Tgt Ion: 91 Resp: 184815
Ion Ratio Lower Upper
91 100
92 57.7 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.080 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 75 Resp: 45729
Ion Ratio Lower Upper
75 100
77 31.8 23.9 44.5

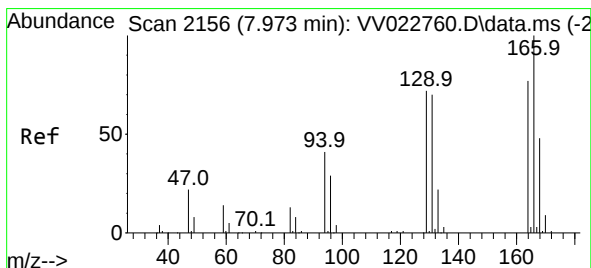
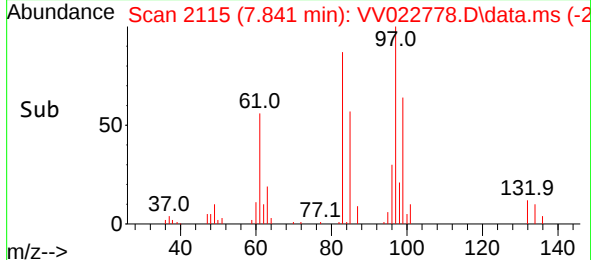
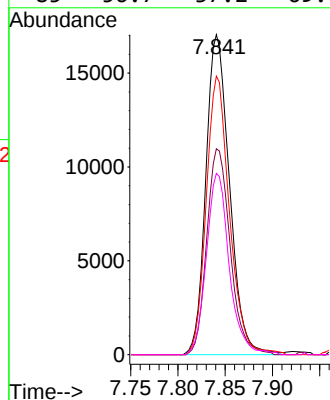
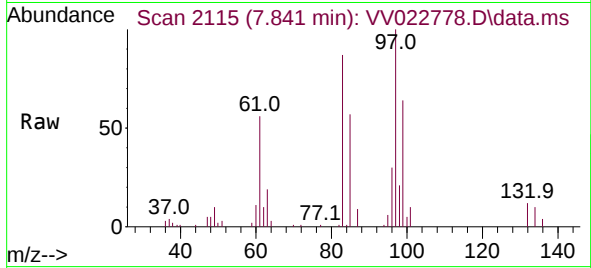




#45
1,1,2-Trichloroethane
Concen: 4.790 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

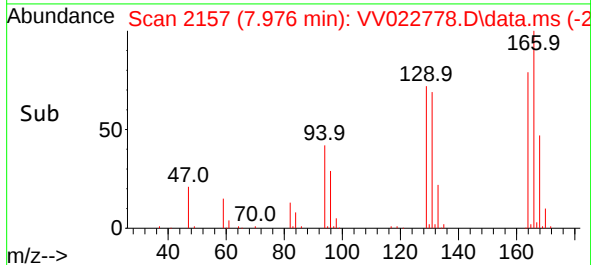
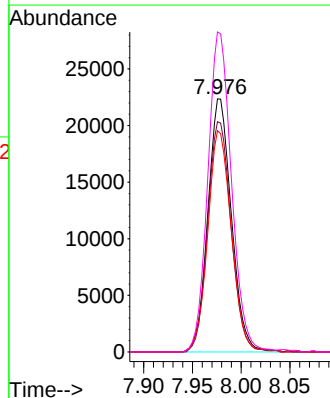
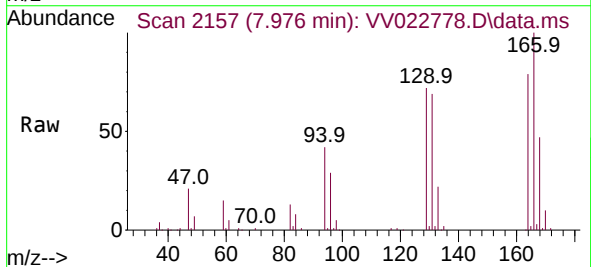
Instrument :
MSVOA_V
ClientSampleId :

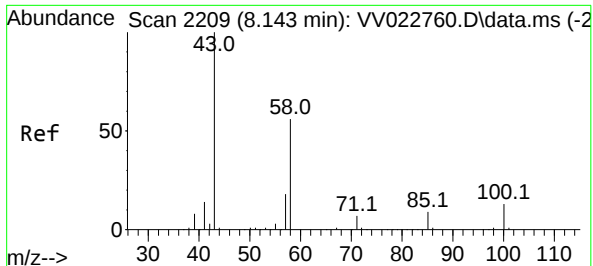
Tgt Ion:	97	Resp:	29645
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.5	82.7
83	87.1	56.6	105.0
85	56.7	37.2	69.0



#47
Tetrachloroethene
Concen: 4.922 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:	164	Resp:	37538
Ion	Ratio	Lower	Upper
164	100		
129	90.9	65.0	120.6
131	87.4	62.2	115.4
166	126.4	89.2	165.8



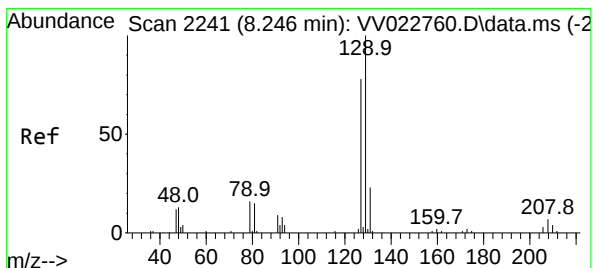
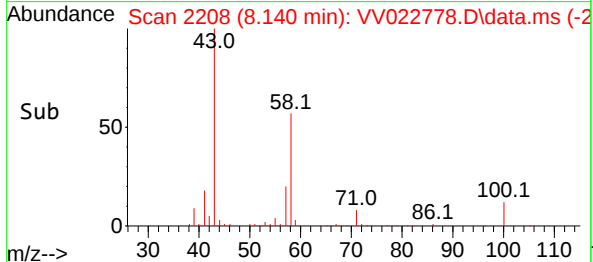
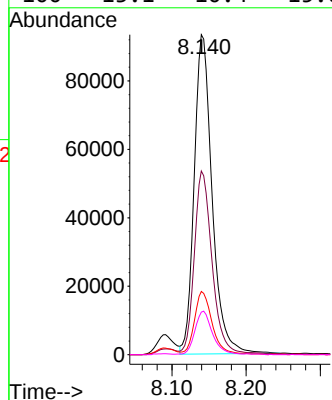
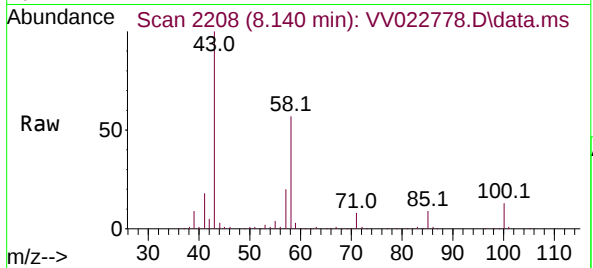


#48
2-Hexanone
Concen: 48.020 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 157355

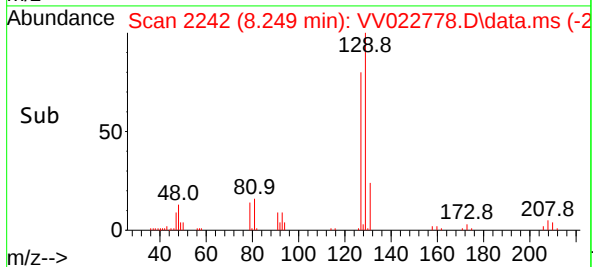
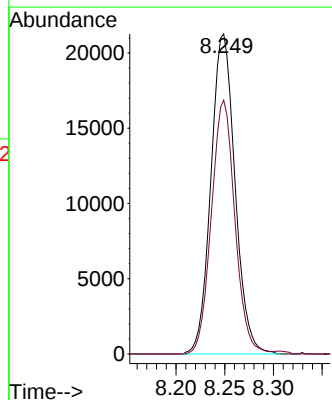
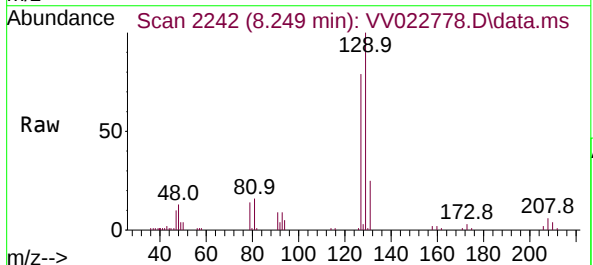
Ion	Ratio	Lower	Upper
43	100		
58	57.1	47.4	71.0
57	19.8	15.3	22.9
100	13.1	10.4	15.6

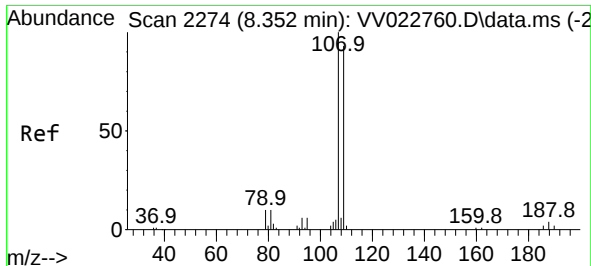


#49
Dibromochloromethane
Concen: 5.047 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 129 Resp: 36570

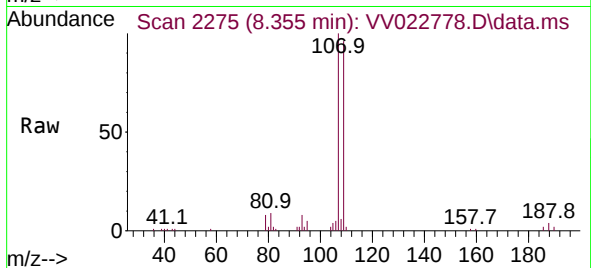
Ion	Ratio	Lower	Upper
129	100		
127	79.3	59.1	109.9



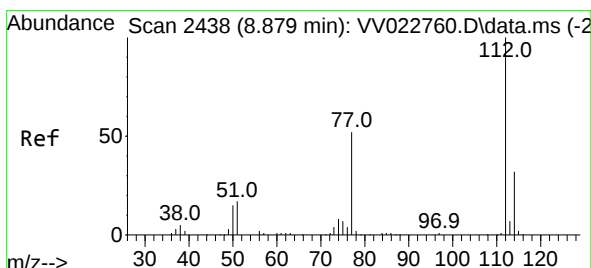
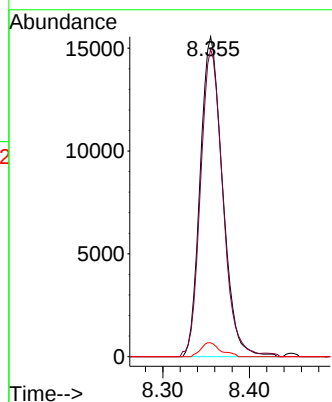
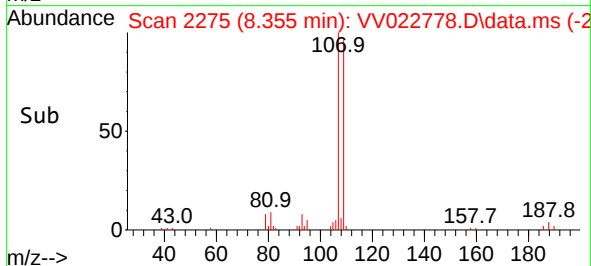


#50
1,2-Dibromoethane
Concen: 4.828 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

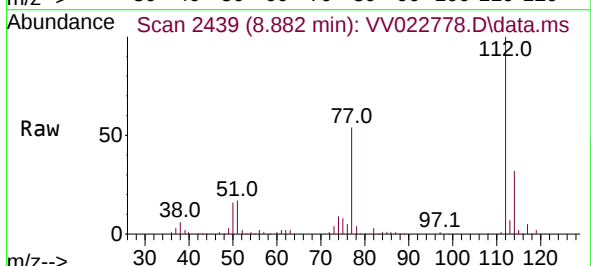
Instrument :
MSVOA_V
ClientSampled :



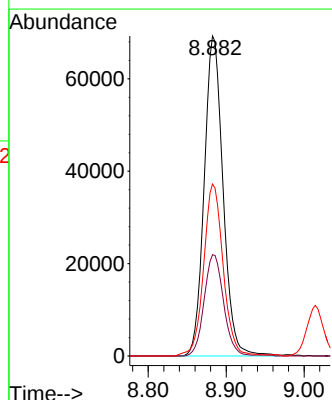
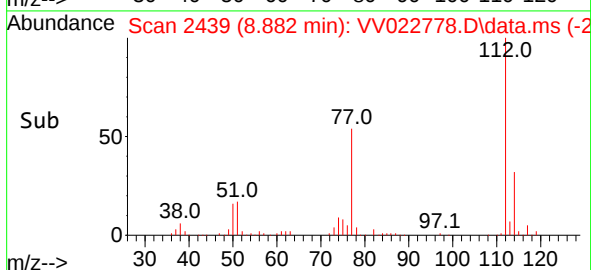
Tgt Ion:107 Resp: 27904
Ion Ratio Lower Upper
107 100
109 96.1 67.1 124.5
188 4.3 3.4 5.0

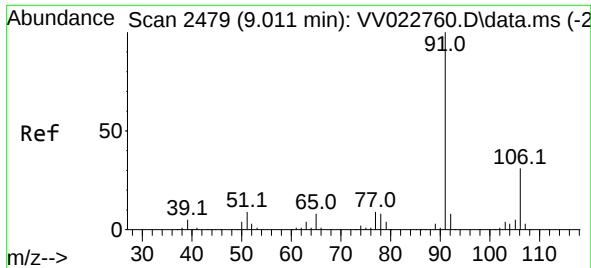


#51
Chlorobenzene
Concen: 5.036 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13



Tgt Ion:112 Resp: 116507
Ion Ratio Lower Upper
112 100
114 31.7 21.6 40.2
77 53.8 43.7 65.5

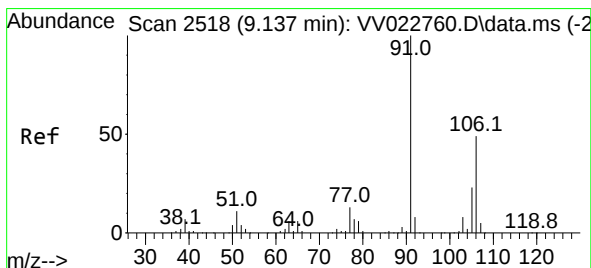
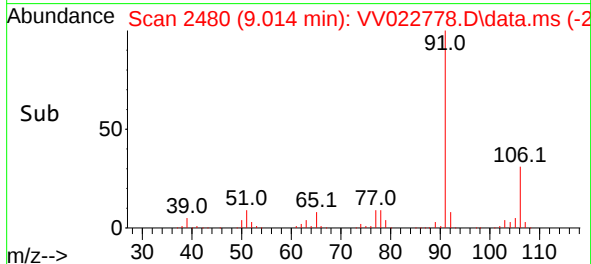
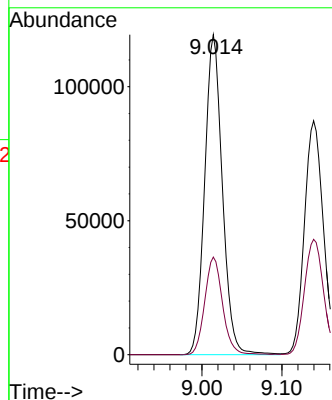
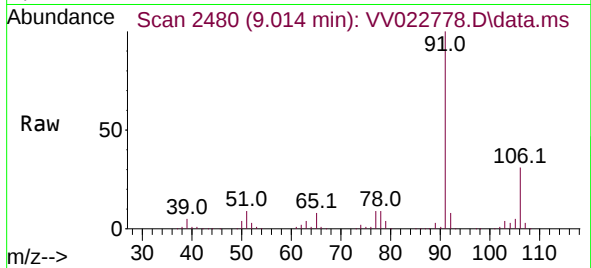




#52
Ethylbenzene
Concen: 5.141 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

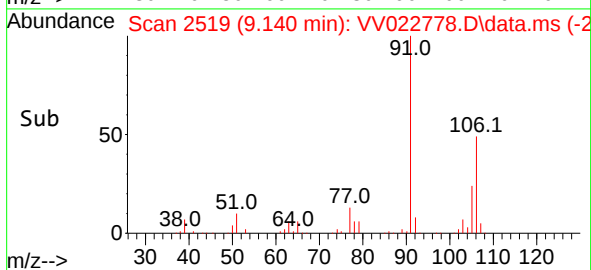
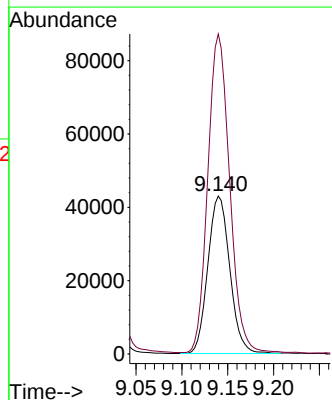
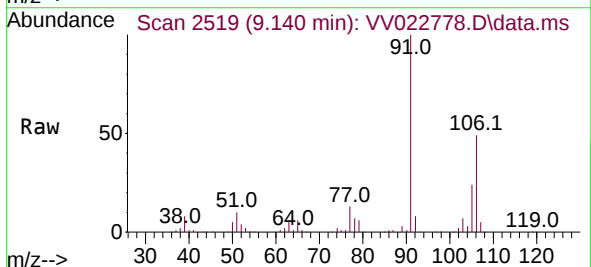
Instrument :
MSVOA_V
ClientSampled :

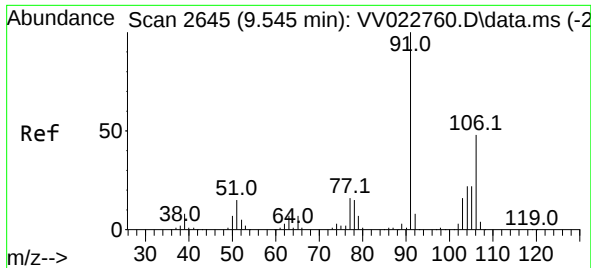
Tgt Ion: 91 Resp: 183746
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.2



#53
m,p-xylene
Concen: 5.091 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 106 Resp: 71416
Ion Ratio Lower Upper
106 100
91 202.7 138.7 257.5

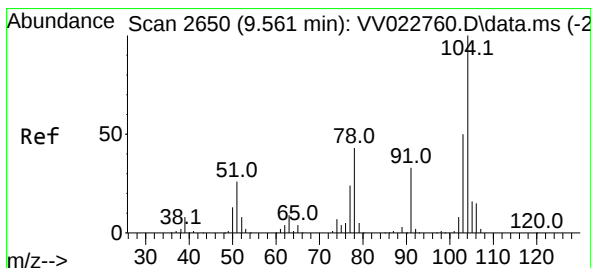
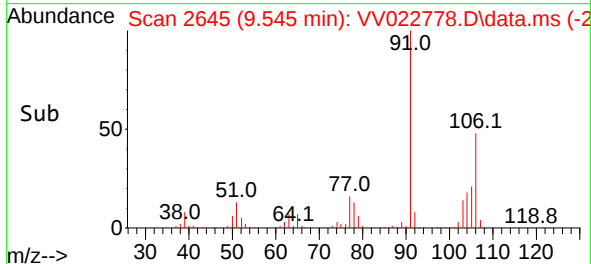
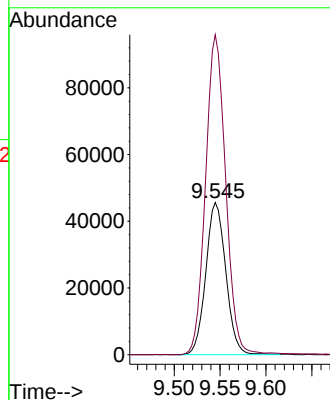
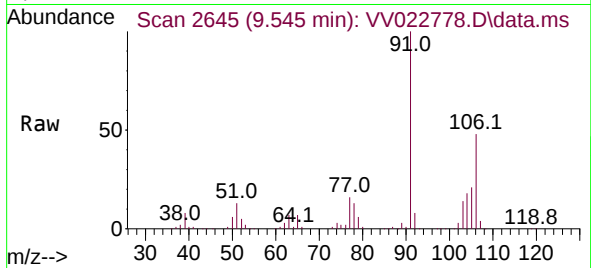




#54
o-xylene
Concen: 5.246 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

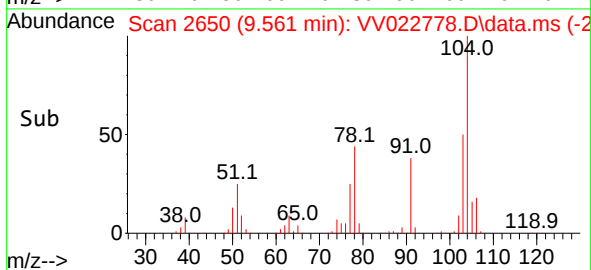
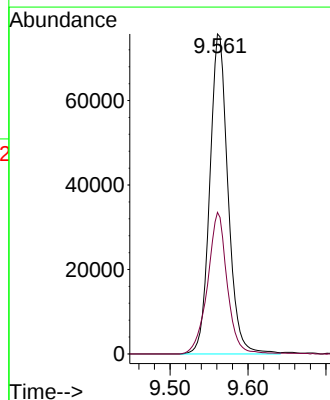
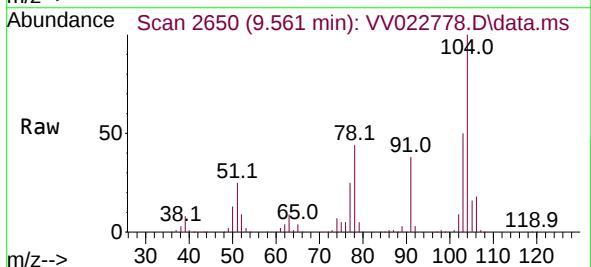
Instrument :
MSVOA_V
ClientSampleId :

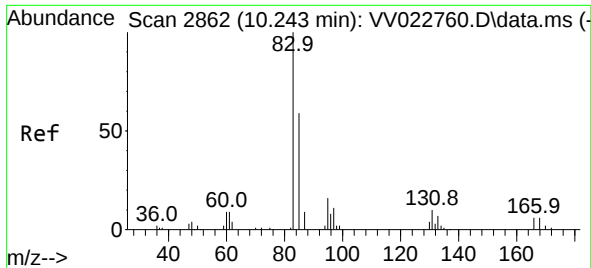
Tgt Ion:106 Resp: 69235
Ion Ratio Lower Upper
106 100
91 210.2 151.1 280.7



#55
Styrene
Concen: 5.410 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:104 Resp: 123027
Ion Ratio Lower Upper
104 100
78 44.3 29.5 54.7

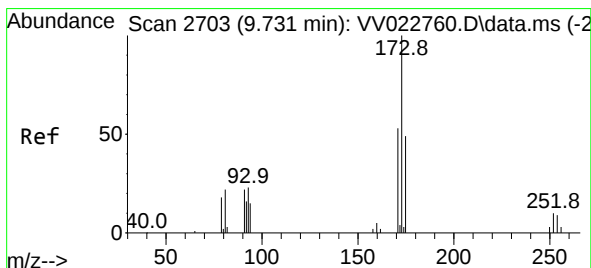
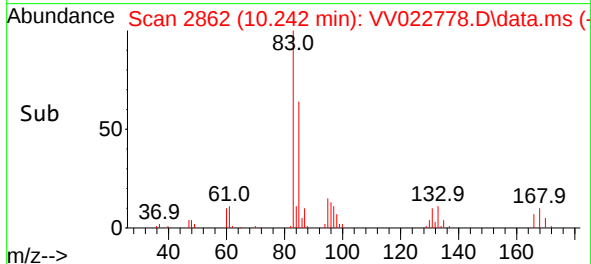
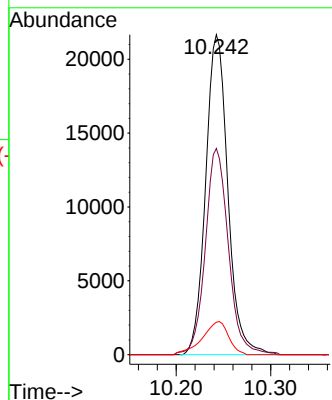
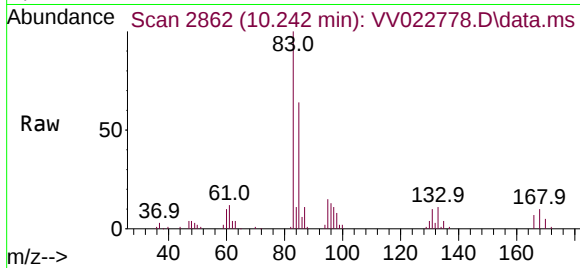




#57
1,1,2,2-Tetrachloroethane
Concen: 5.642 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

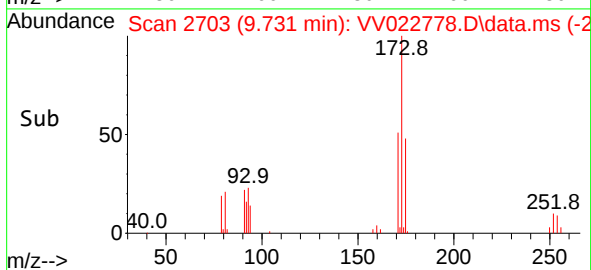
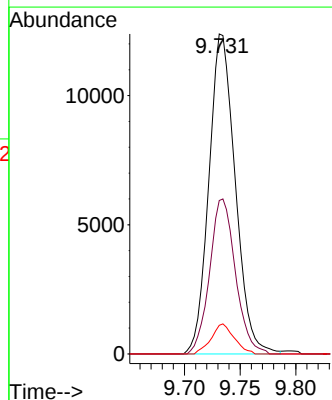
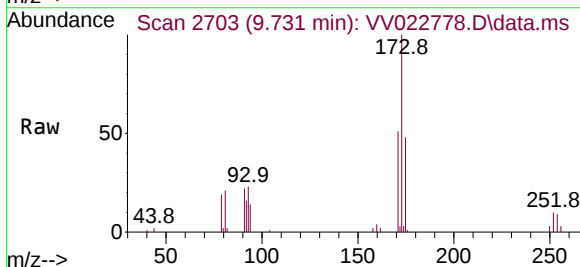
Instrument :
MSVOA_V
ClientSampleId :

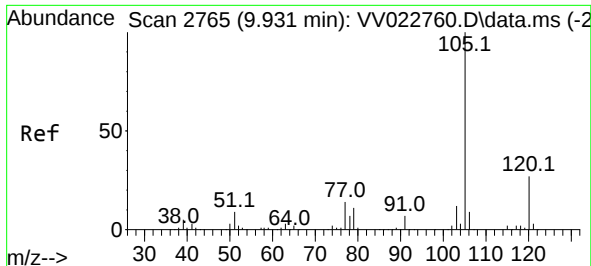
Tgt Ion:	83	Resp:	35329
Ion	Ratio	Lower	Upper
83	100		
85	64.5	46.0	85.4
131	10.2	8.4	12.6



#59
Bromoform
Concen: 4.945 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:	173	Resp:	20404
Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.3	57.5
254	8.2	7.1	10.7

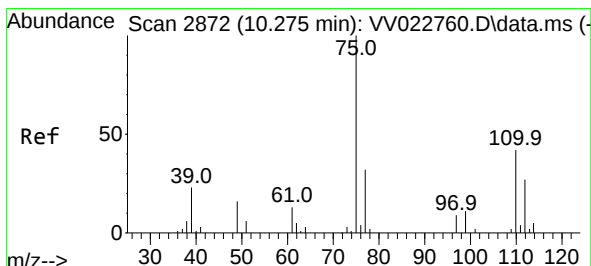
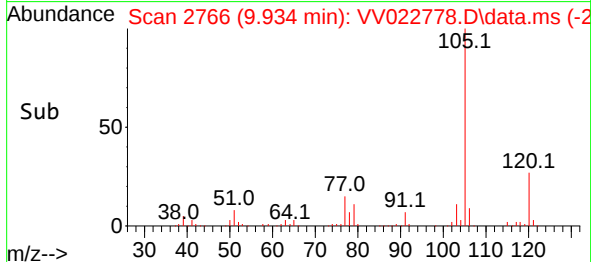
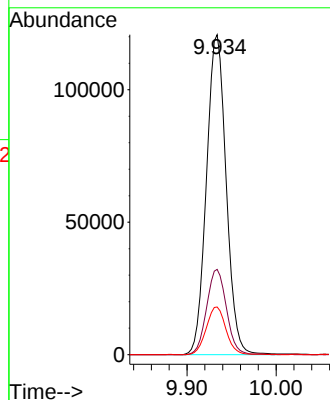
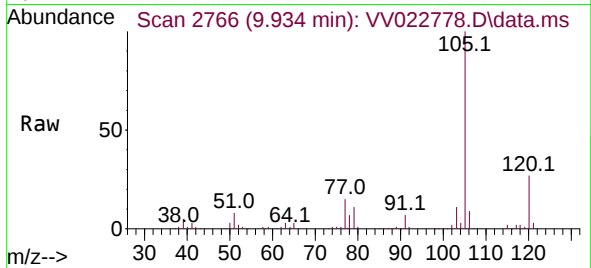




#60
Isopropylbenzene
Concen: 4.956 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

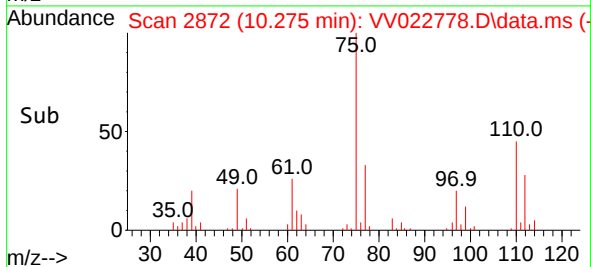
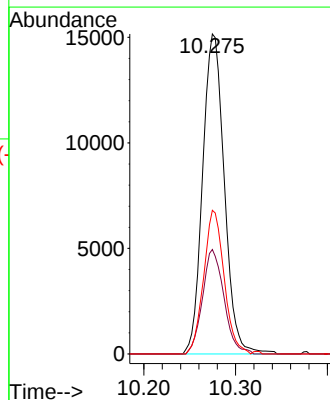
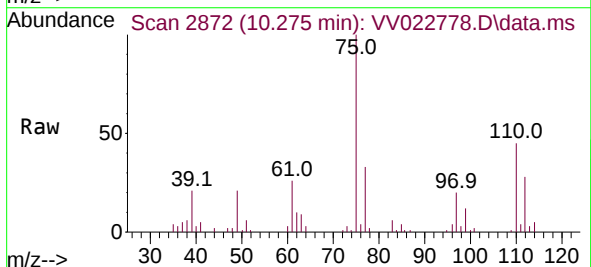
Instrument :
MSVOA_V
ClientSampleId :

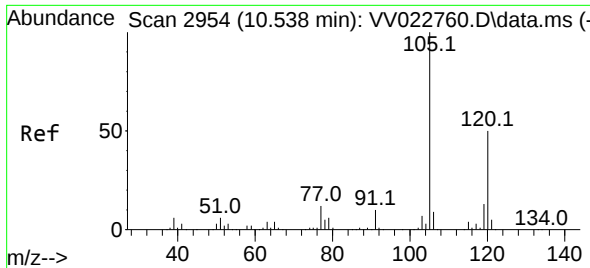
Tgt Ion:105 Resp: 185426
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.8
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.875 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion: 75 Resp: 24951
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
110 42.3 34.2 51.4

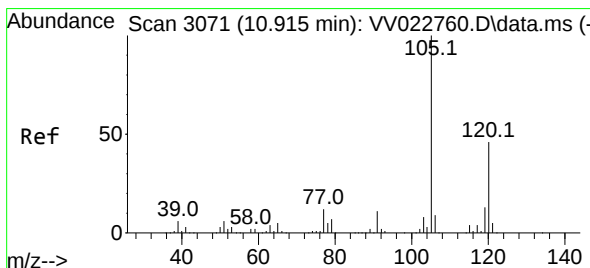
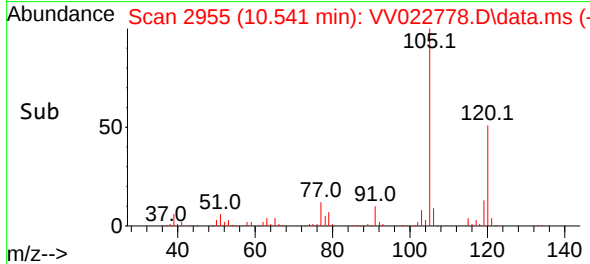
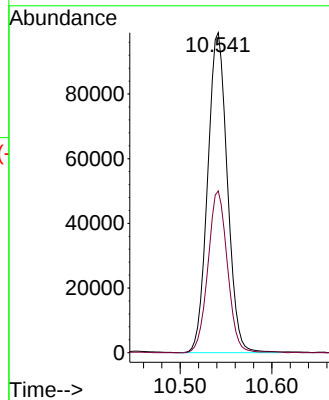
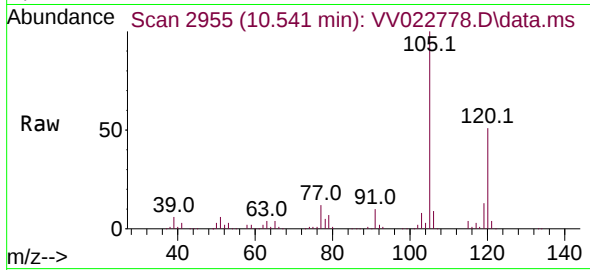




#62
1,3,5-Trimethylbenzene
Concen: 4.884 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

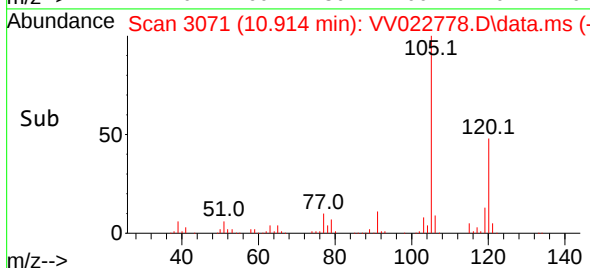
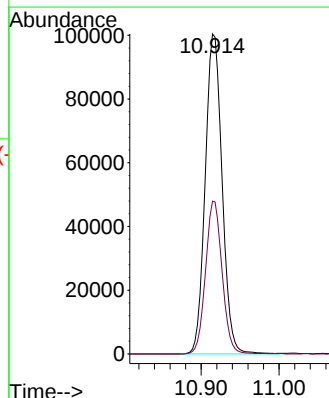
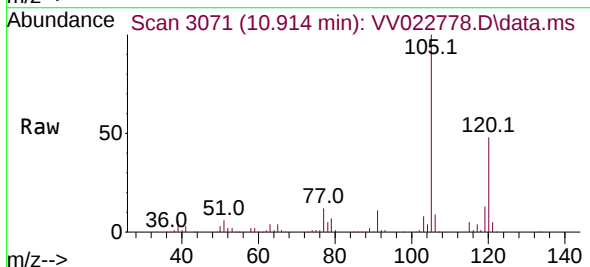
Instrument :
MSVOA_V
ClientSampled :

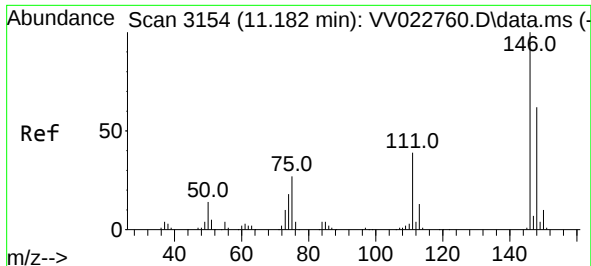
Tgt Ion:105 Resp: 147642
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.010 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:105 Resp: 151548
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

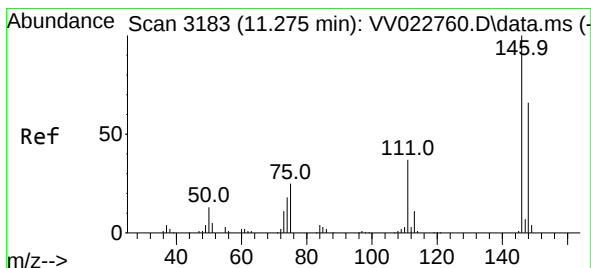
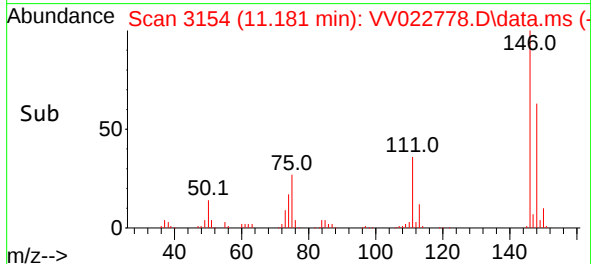
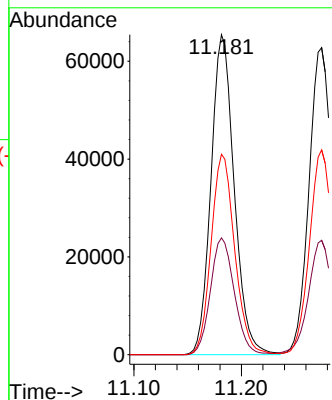
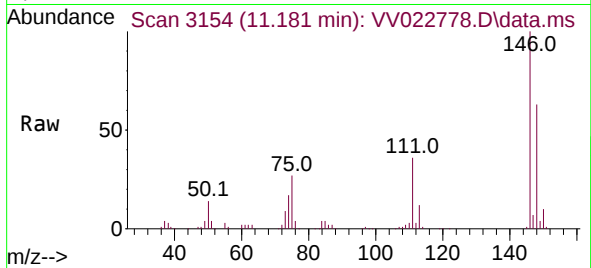




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

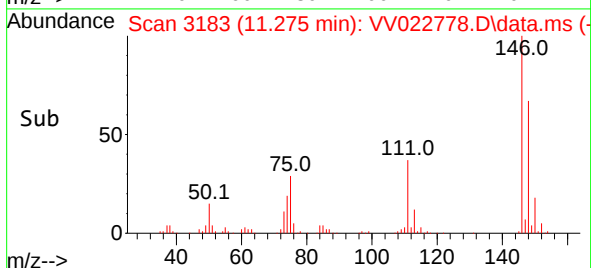
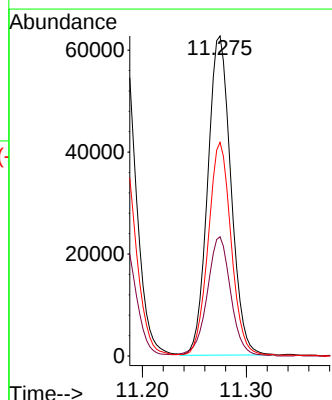
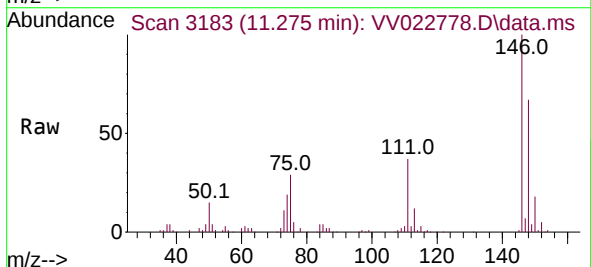
Instrument :
MSVOA_V
ClientSampleId :

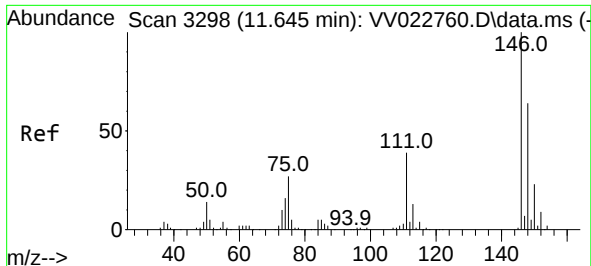
Tgt Ion:146 Resp: 98391
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.5
148 62.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.864 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:146 Resp: 96985
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.4
148 66.7 44.9 83.5

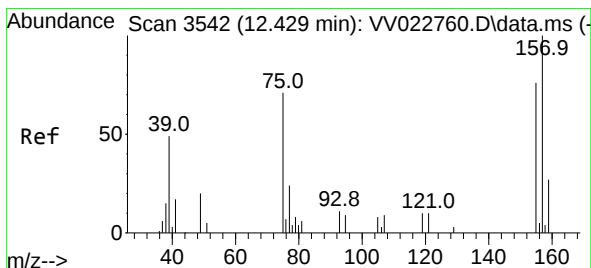
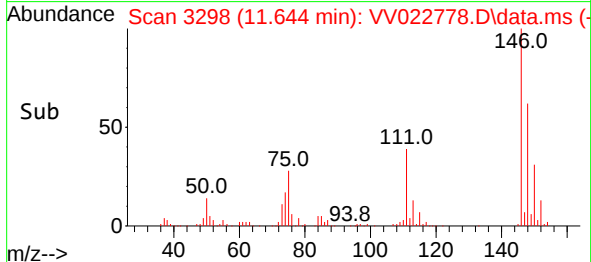
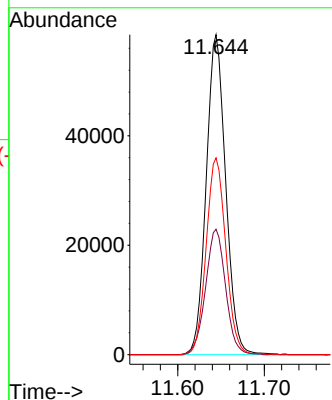
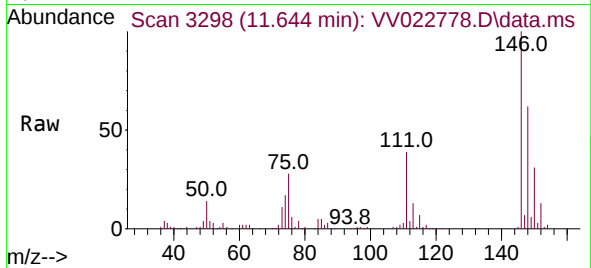




#67
1,2-Dichlorobenzene
Concen: 4.967 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

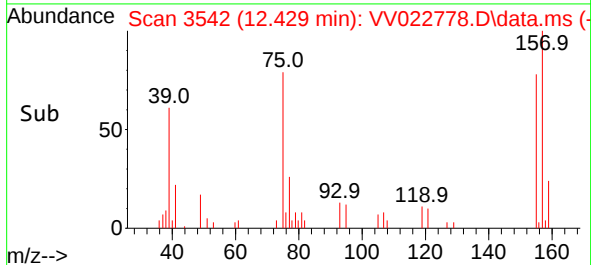
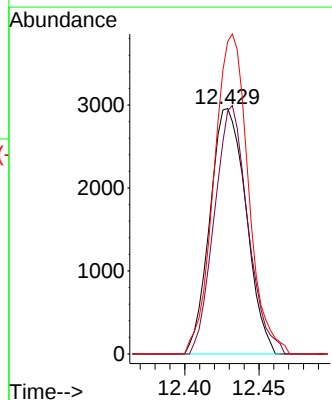
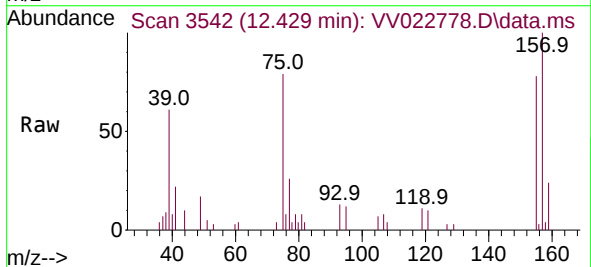
Instrument :
MSVOA_V
ClientSampled :

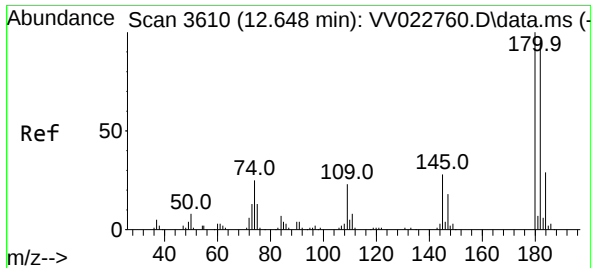
Tgt Ion:146 Resp: 91499
Ion Ratio Lower Upper
146 100
111 39.2 32.3 48.5
148 61.5 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.372 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

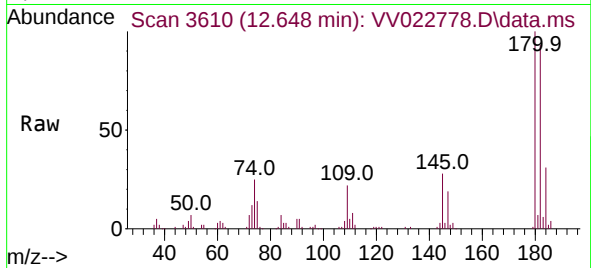
Tgt Ion: 75 Resp: 5004
Ion Ratio Lower Upper
75 100
155 99.1 82.4 123.6
157 127.4 114.1 171.1





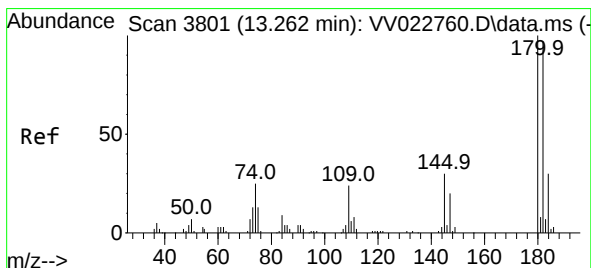
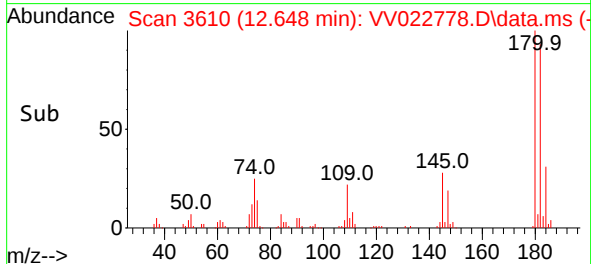
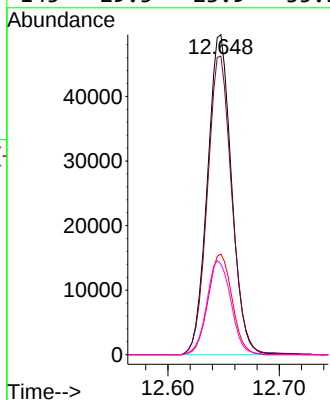
#69
 1,3,5-Trichlorobenzene
 Concen: 5.032 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13

Instrument :
 MSVOA_V
 ClientSampleId :

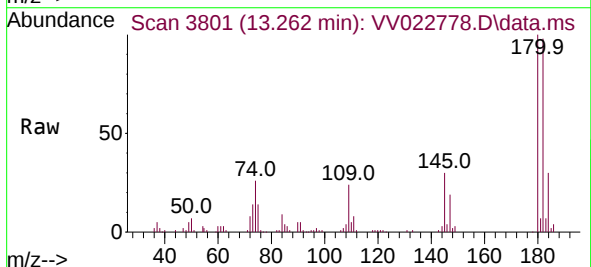


Tgt Ion:180 Resp: 74436

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	31.2	24.5	36.7
145	29.5	23.9	35.9

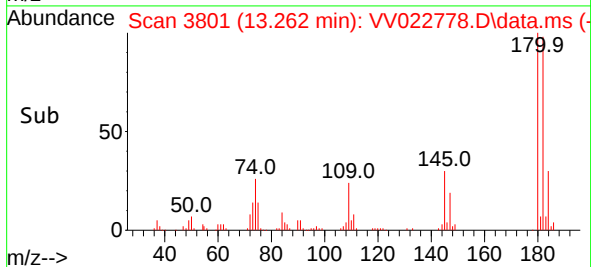
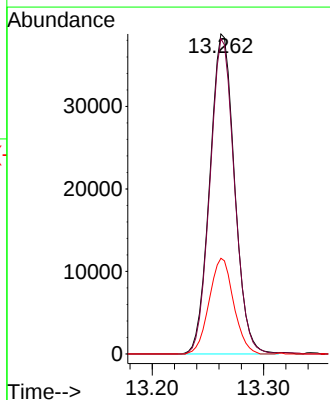


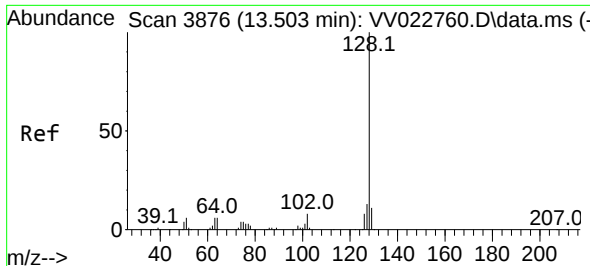
#70
 1,2,4-trichlorobenzene
 Concen: 5.298 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV022778.D
 Acq: 13 Oct 2021 22:13



Tgt Ion:180 Resp: 59870

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	29.5	24.1	36.1

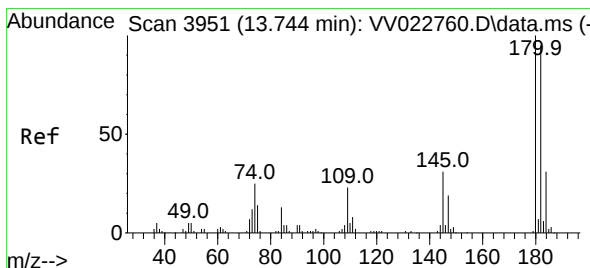
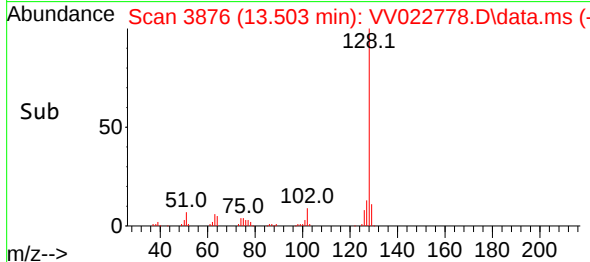
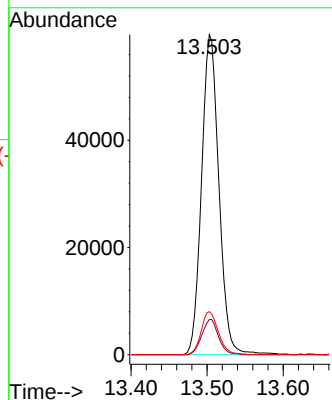
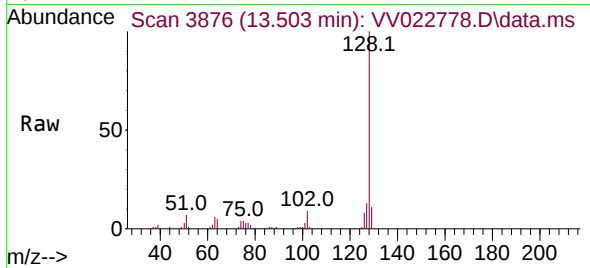




#71
Naphthalene
Concen: 5.275 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 94744
Ion Ratio Lower Upper
128 100
129 10.5 9.3 13.9
127 13.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.319 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022778.D
Acq: 13 Oct 2021 22:13

Tgt Ion:180 Resp: 56679
Ion Ratio Lower Upper
180 100
182 95.5 75.5 113.3
145 31.8 24.7 37.1

