

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023773.D
 Acq On : 02 Dec 2021 14:00
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 01:59:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	272632	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	259458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	143596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72048	22.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	1.564	69	59911	22.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.040%
11) 1,1-Dichloroethene-d2	2.101	63	109641	16.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.800%
21) 2-Butanone-d5	3.905	46	32273	34.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.640%
24) Chloroform-d	4.339	84	147879	20.773	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	5.024	65	80232	20.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.043	84	289209	22.138	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	6.063	67	83442	21.796	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	7.310	98	272898	22.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.240%
43) trans-1,3-Dichloroprop...	7.619	79	36675	21.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.160%
47) 2-Hexanone-d5	8.091	63	27521	40.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	67417	20.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	110937	21.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5254	0.999	ug/L	98
3) Chloromethane	1.236	50	4942	1.057	ug/L	97
5) Vinyl chloride	1.307	62	4428	0.991	ug/L #	74
9) Trichlorofluoromethane	1.748	101	6573	0.923	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	4286	1.162	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	4226	1.227	ug/L #	1
14) Carbon disulfide	2.288	76	10908	0.879	ug/L	96
15) Methyl Acetate	2.442	43	1129	0.728	ug/L	92
16) Methylene chloride	2.503	84	9359	1.778	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	3600	0.869	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	7260	0.778	ug/L #	92
19) 1,1-Dichloroethane	3.185	63	5516	0.815	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	3521	0.832	ug/L	99
27) 1,2-Dichloroethane	5.143	62	4099	0.845	ug/L	97
29) Cyclohexane	4.670	56	5331	0.933	ug/L #	89
30) 1,1,1-Trichloroethane	4.603	97	5492	0.839	ug/L	91
31) Carbon tetrachloride	4.818	117	3109	0.525	ug/L #	19
33) Benzene	5.098	78	12379	0.816	ug/L	100
34) Trichloroethene	5.918	95	3810	0.914	ug/L	95

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

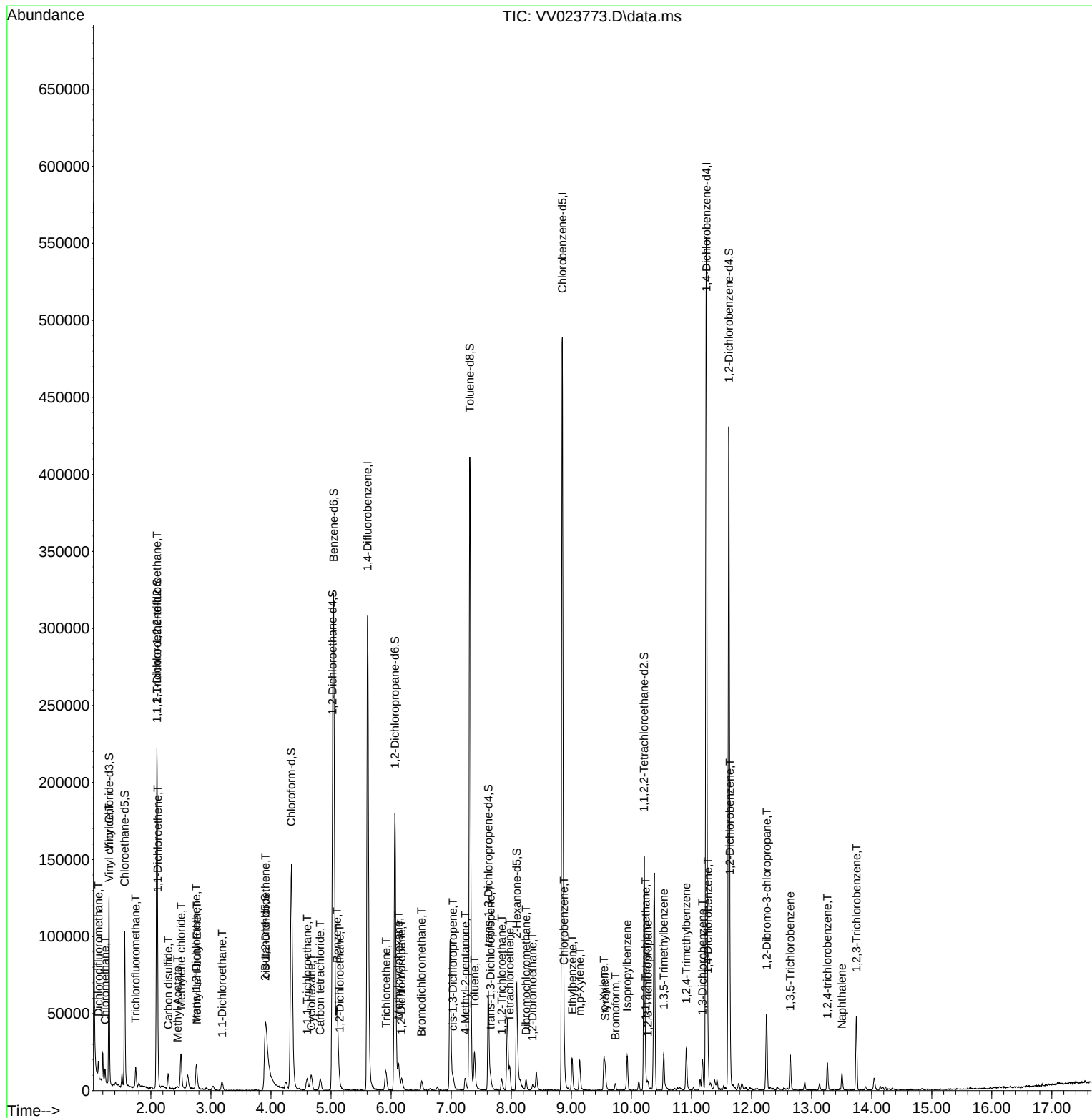
35) Methylcyclohexane	6.124	83	5743	0.877	ug/L	96
37) 1,2-Dichloropropane	6.172	63	2818	0.800	ug/L #	89
38) Bromodichloromethane	6.506	83	4318	0.841	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	4676	0.834	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	5110	2.360	ug/L	94
42) Toluene	7.387	91	18254	1.099	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	3426	0.666	ug/L	92
45) 1,1,2-Trichloroethane	7.841	97	2295	0.747	ug/L	97
46) Tetrachloroethene	7.972	164	3169	0.855	ug/L	97
49) Dibromochloromethane	8.246	129	3214	0.812	ug/L	95
50) 1,2-Dibromoethane	8.355	107	2586	0.860	ug/L #	84
51) Chlorobenzene	8.879	112	9843	0.865	ug/L	99
52) Ethylbenzene	9.014	91	14505	0.810	ug/L	98
53) m,p-Xylene	9.140	106	5969	0.843	ug/L	84
54) o-Xylene	9.545	106	5117	0.759	ug/L	99
55) Styrene	9.564	104	7791	0.668	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	3331	0.969	ug/L #	97
59) Bromoform	9.738	173	2116	0.899	ug/L #	100
60) Isopropylbenzene	9.931	105	14775	0.843	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2123	0.838	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	12492	0.818	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	11948	0.789	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	8152	0.876	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	8396	0.883	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	7941	0.931	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	12.252	75	1392	2.265	ug/L #	11
69) 1,3,5-Trichlorobenzene	12.644	180	6598	0.898	ug/L	92
70) 1,2,4-trichlorobenzene	13.262	180	5774	0.967	ug/L	93
71) Naphthalene	13.506	128	9207	0.868	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	4650	0.863	ug/L #	91

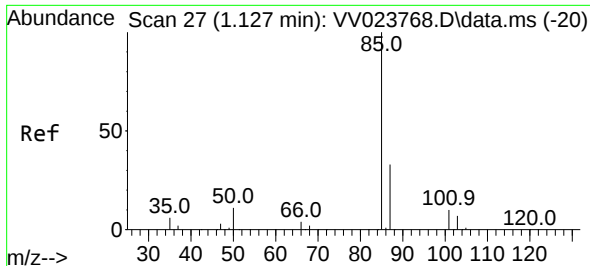
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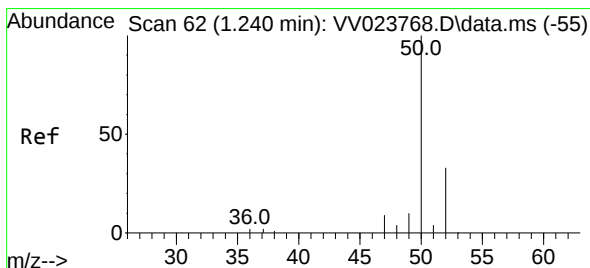
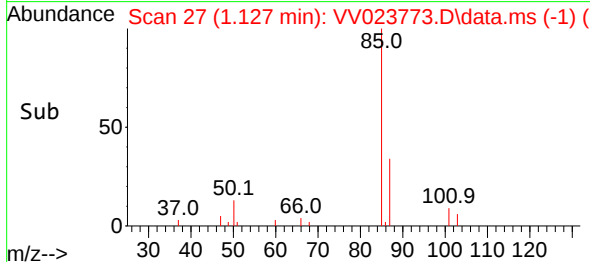
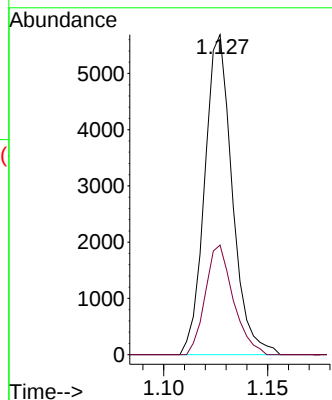
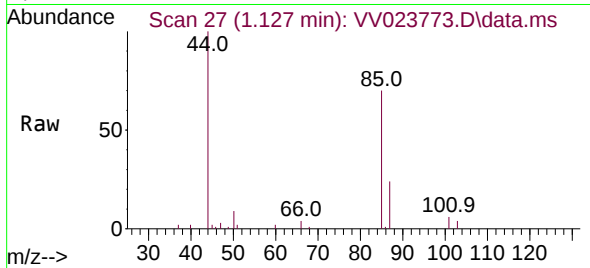




#2
 Dichlorodifluoromethane
 Concen: 0.999 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

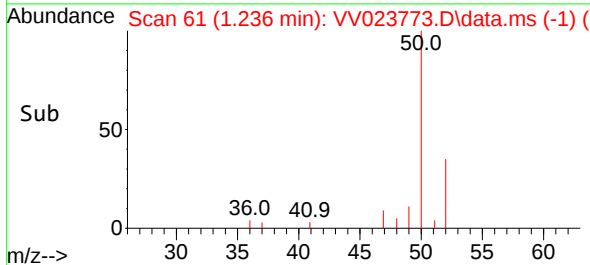
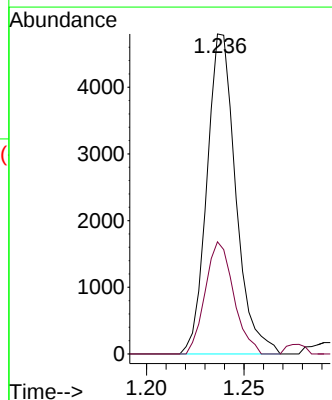
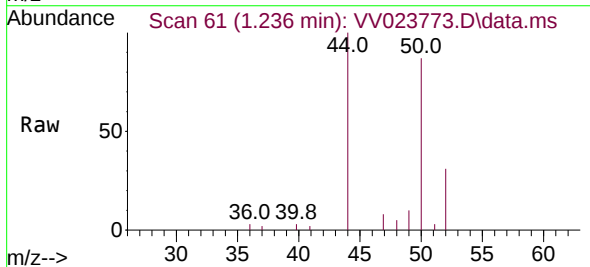
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 ClientSampleId :

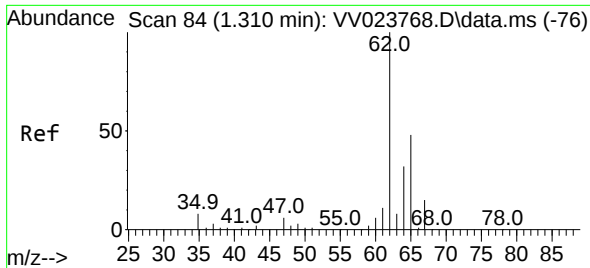
Tgt Ion: 85 Resp: 5254
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.6 40.0



#3
 Chloromethane
 Concen: 1.057 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

Tgt Ion: 50 Resp: 4942
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.3 43.3

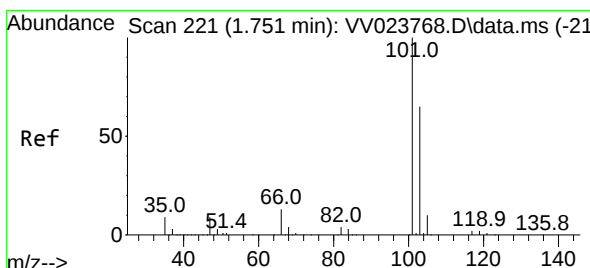
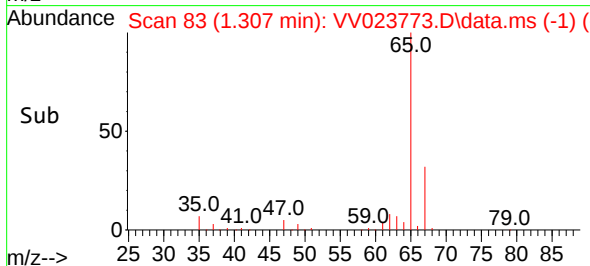
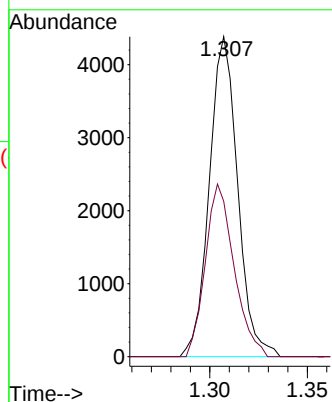
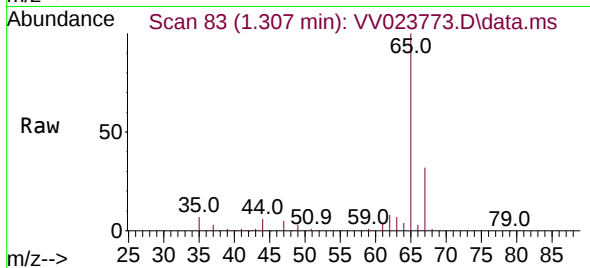




#5
 Vinyl chloride
 Concen: 0.991 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

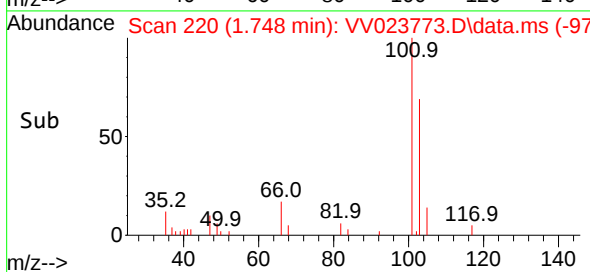
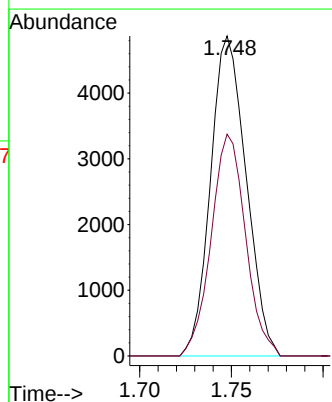
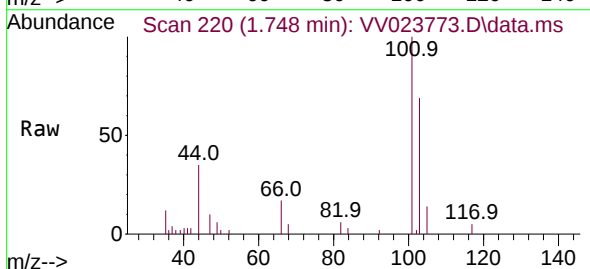
Instrument :
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 ClientSampleId :

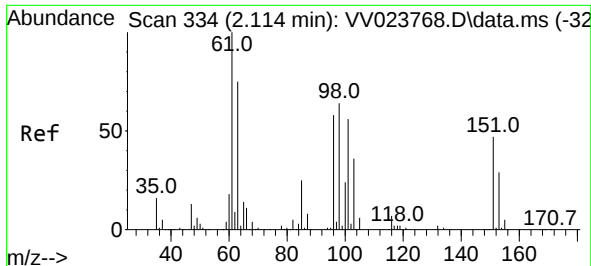
Tgt Ion: 62 Resp: 4428
 Ion Ratio Lower Upper
 62 100
 64 48.5 23.5 43.7#



#9
 Trichlorofluoromethane
 Concen: 0.923 ug/L
 RT: 1.748 min Scan# 220
 Delta R.T. -0.003 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

Tgt Ion: 101 Resp: 6573
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.162 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

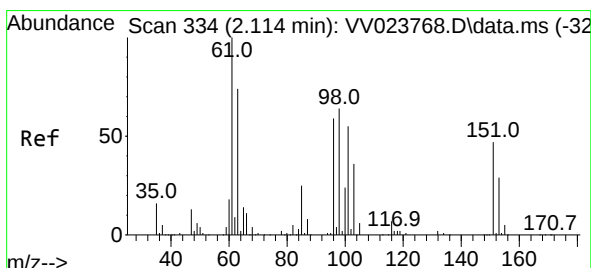
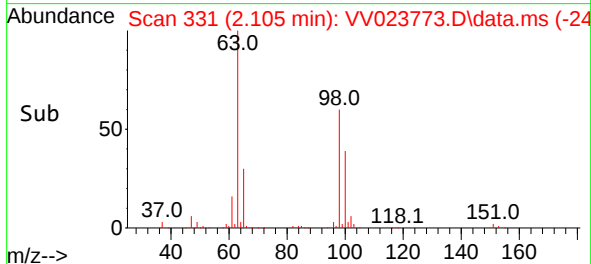
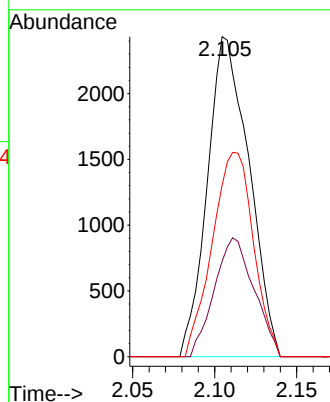
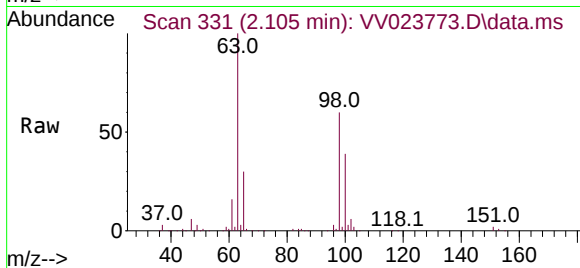
Tgt Ion:101 Resp: 4286

Ion Ratio Lower Upper

101 100

85 35.5 35.1 52.7

151 63.2 65.6 98.4#



#12

1,1-Dichloroethene

Concen: 1.227 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

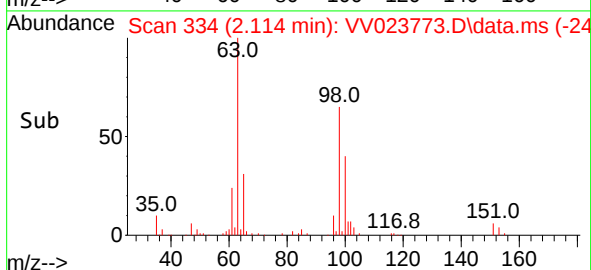
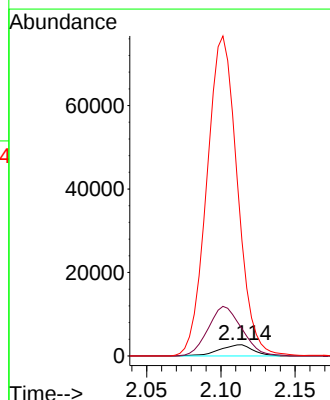
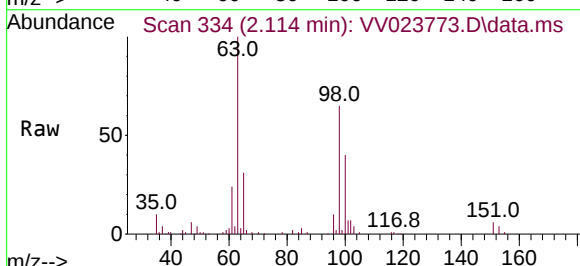
Tgt Ion: 96 Resp: 4226

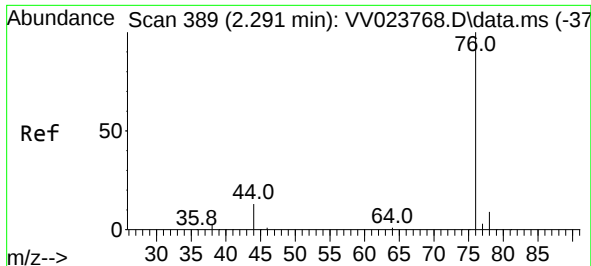
Ion Ratio Lower Upper

96 100

61 243.9 119.4 221.8#

63 1032.8 95.4 177.2#

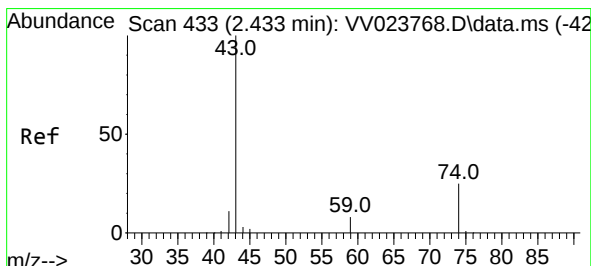
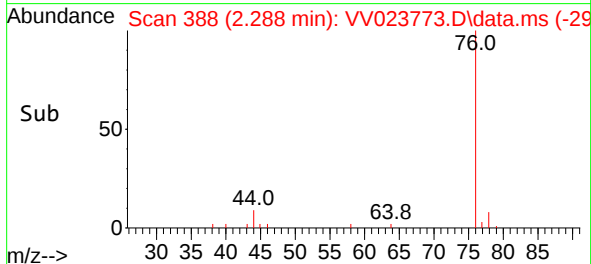
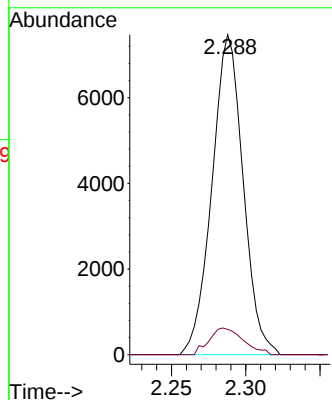
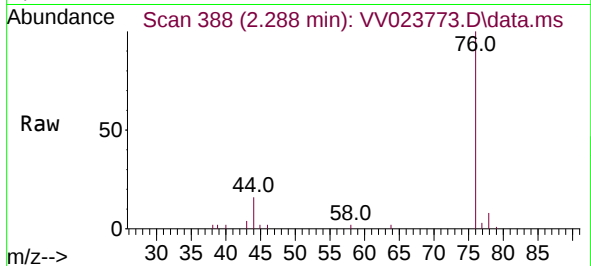




#14
Carbon disulfide
Concen: 0.879 ug/L
RT: 2.288 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

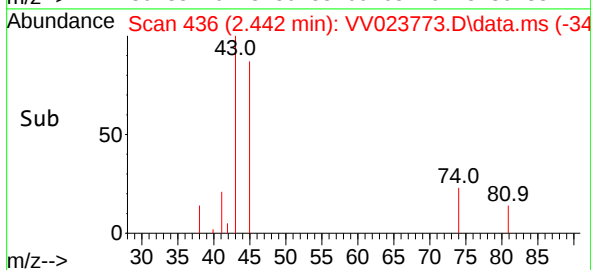
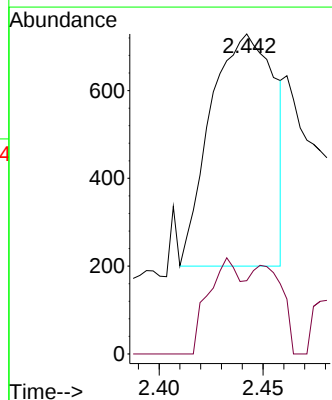
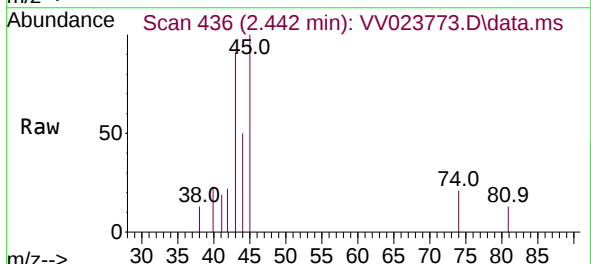
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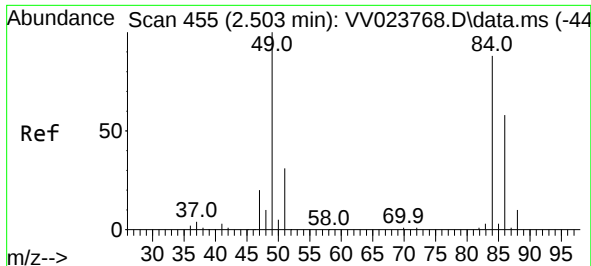
Tgt Ion: 76 Resp: 10908
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#15
Methyl Acetate
Concen: 0.728 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.010 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

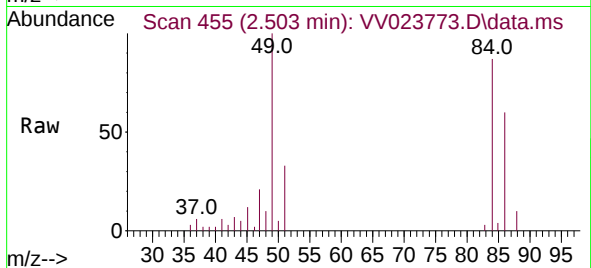
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
74 18.2 17.6 26.4



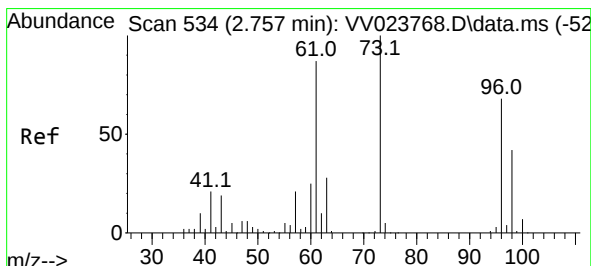
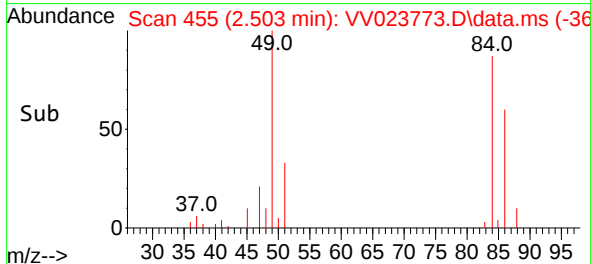
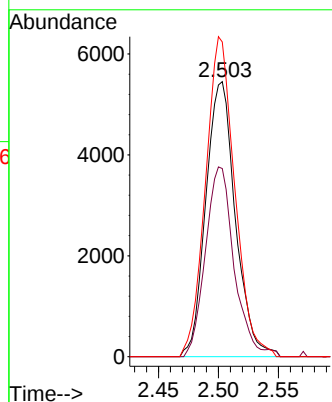


#16
Methylene chloride
Concen: 1.778 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

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ClientSampleId :

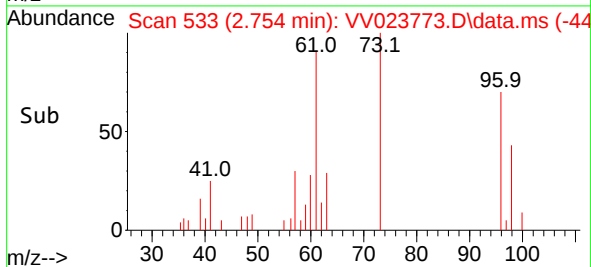
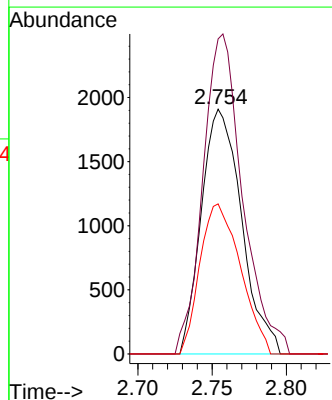
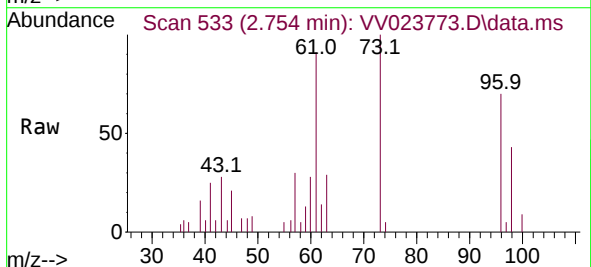


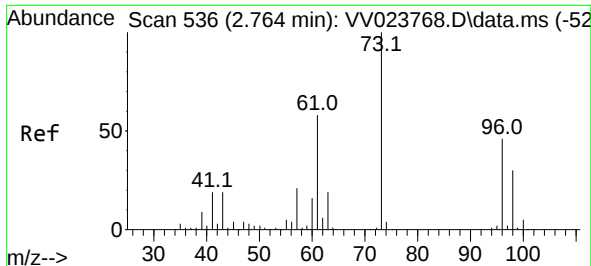
Tgt Ion: 84 Resp: 9359
Ion Ratio Lower Upper
84 100
86 68.4 45.3 84.1
49 114.5 81.8 152.0



#17
trans-1,2-Dichloroethene
Concen: 0.869 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 96 Resp: 3600
Ion Ratio Lower Upper
96 100
61 128.6 91.0 169.0
98 61.3 45.9 85.3

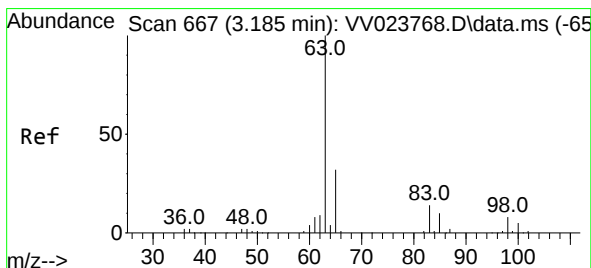
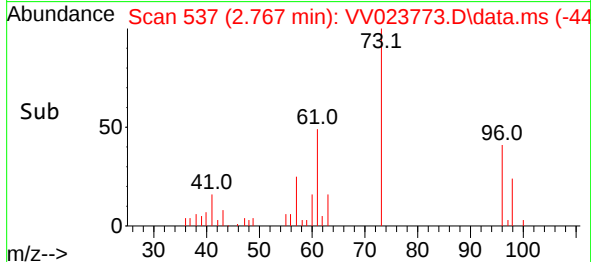
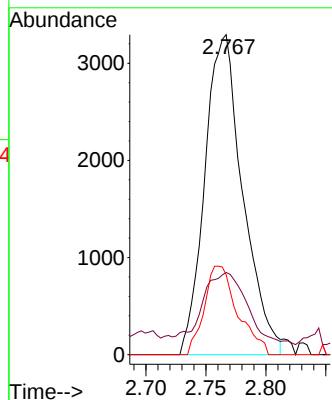
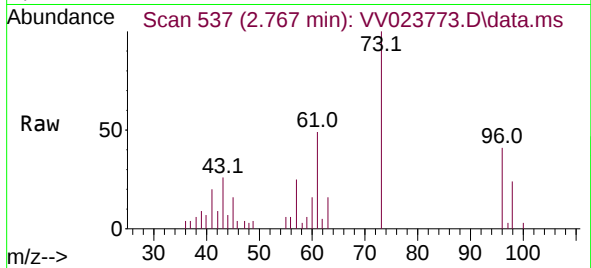




#18
Methyl tert-butyl Ether
Concen: 0.778 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

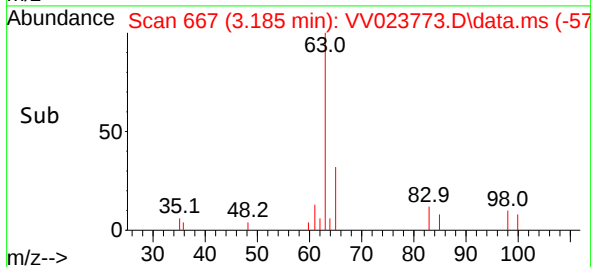
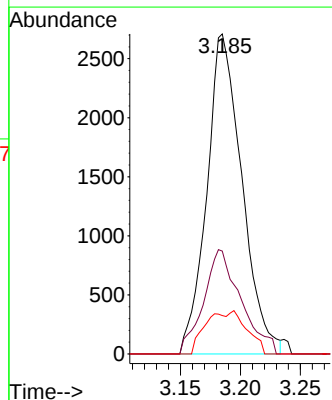
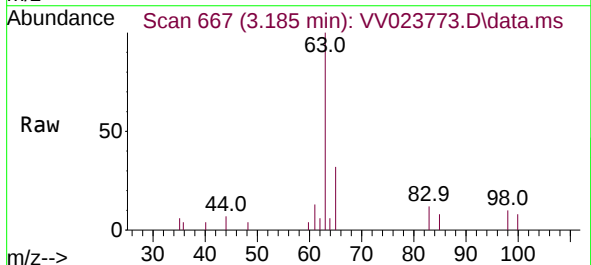
Instrument :
MSVOA_V
ClientSampleId :

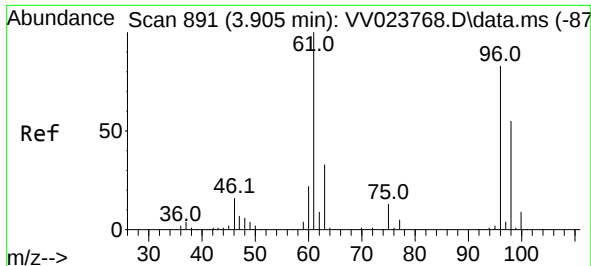
Tgt Ion: 73 Resp: 7260
Ion Ratio Lower Upper
73 100
43 23.0 15.0 22.4#
57 24.4 17.0 25.4



#19
1,1-Dichloroethane
Concen: 0.815 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 63 Resp: 5516
Ion Ratio Lower Upper
63 100
65 32.2 21.3 39.5
83 12.0 10.1 18.7

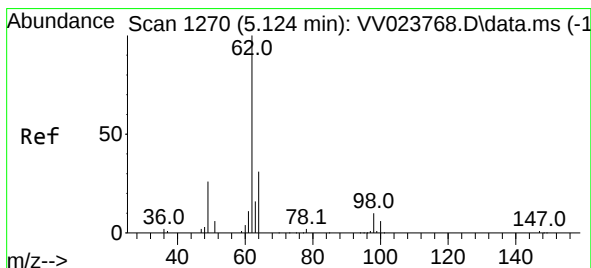
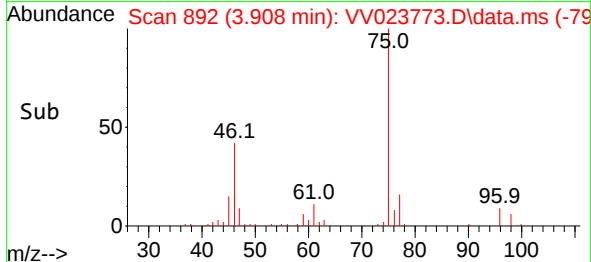
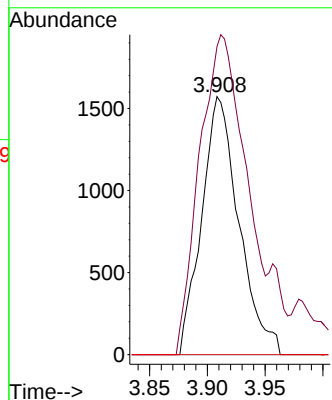
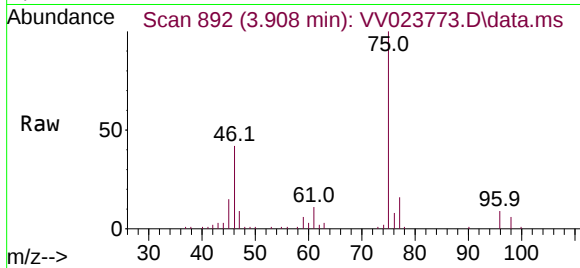




#20
 cis-1,2-Dichloroethene
 Concen: 0.832 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

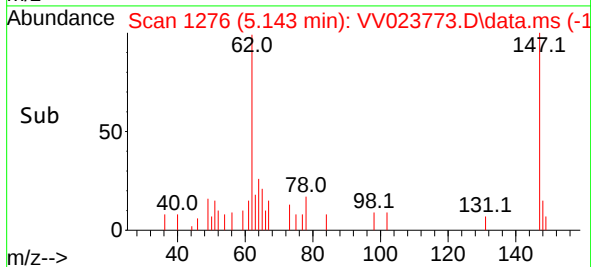
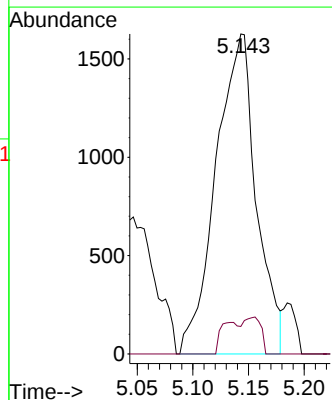
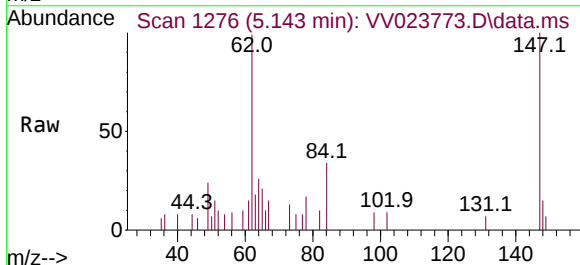
Instrument :
 MSVOA_V
 ClientSampleId :

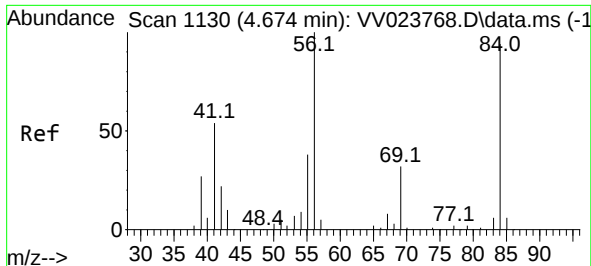
Tgt Ion: 96 Resp: 3521
 Ion Ratio Lower Upper
 96 100
 61 119.4 82.5 153.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.845 ug/L
 RT: 5.143 min Scan# 1276
 Delta R.T. 0.019 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

Tgt Ion: 62 Resp: 4099
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.8 11.6





#29

Cyclohexane

Concen: 0.933 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

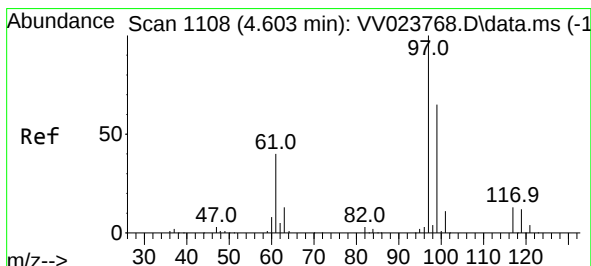
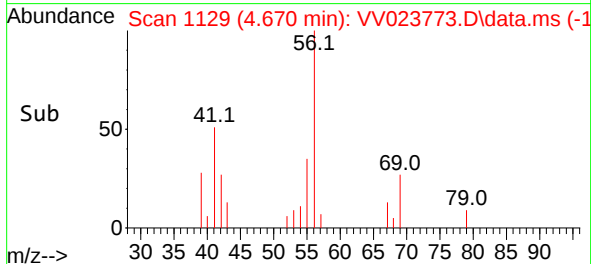
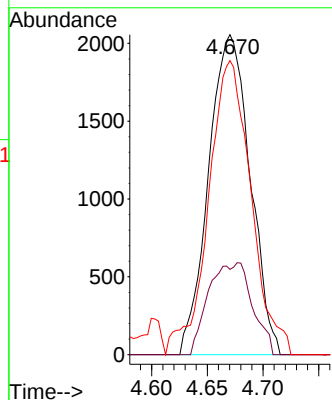
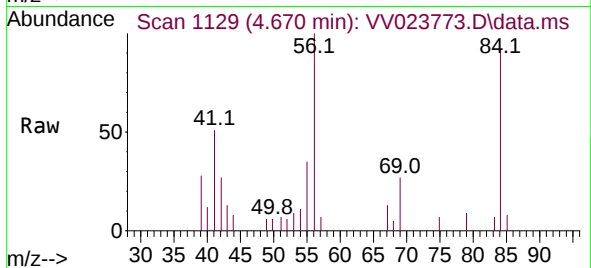
Tgt Ion: 56 Resp: 5331

Ion Ratio Lower Upper

56 100

69 16.0 25.2 37.8#

84 90.4 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 0.839 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

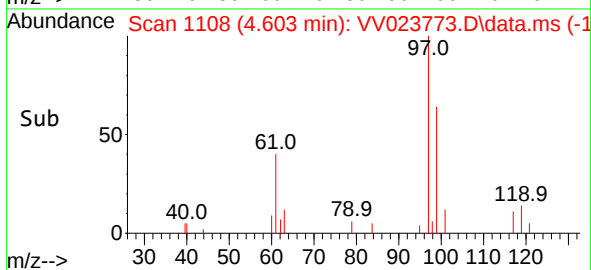
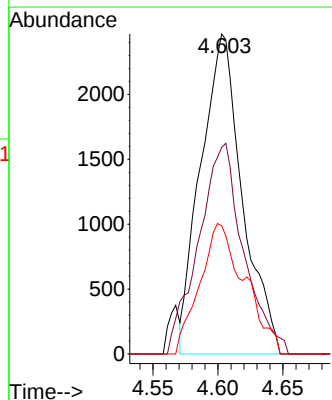
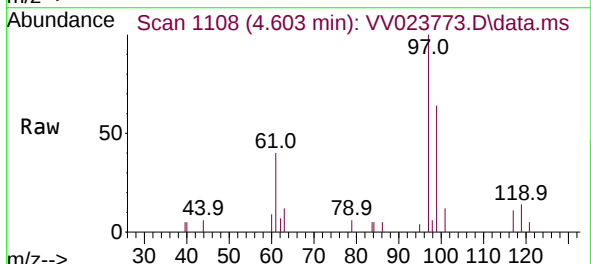
Tgt Ion: 97 Resp: 5492

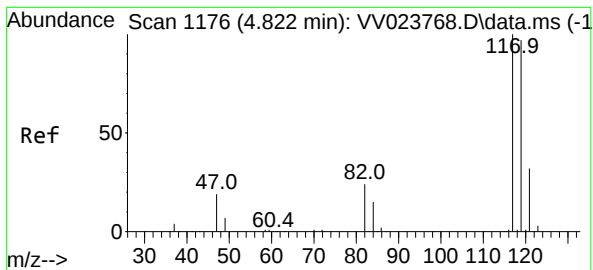
Ion Ratio Lower Upper

97 100

99 70.9 52.0 78.0

61 34.9 33.3 49.9

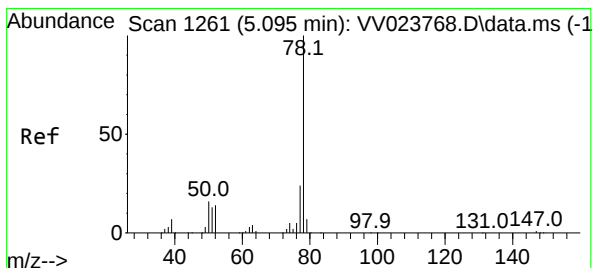
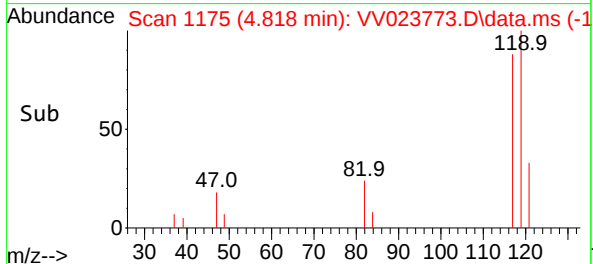
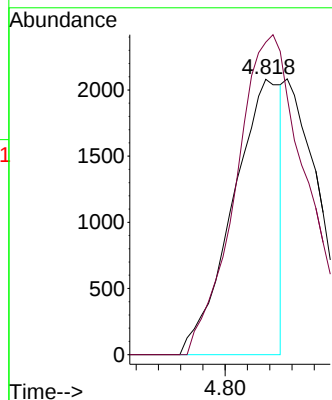
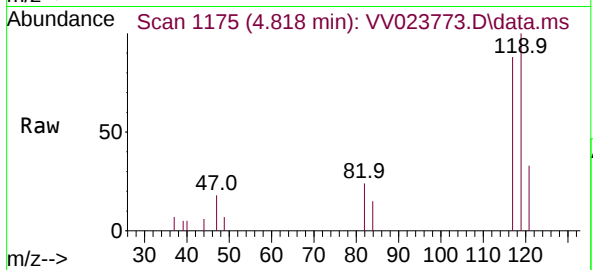




#31
Carbon tetrachloride
Concen: 0.525 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

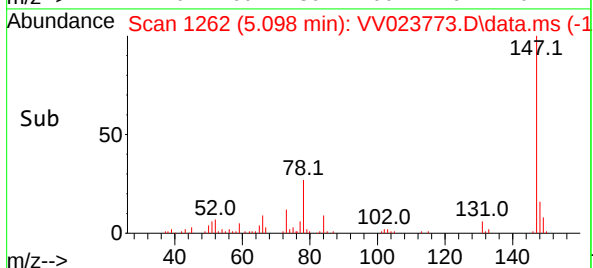
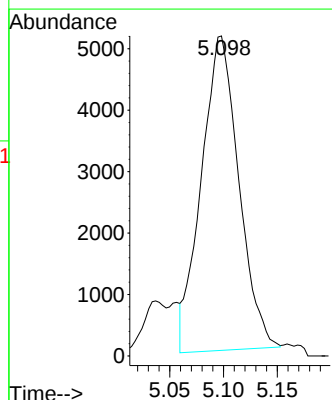
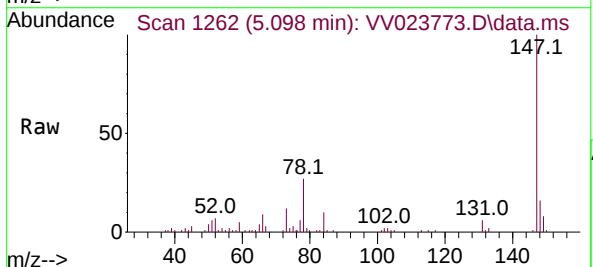
Instrument :
MSVOA_V
ClientSampleId :

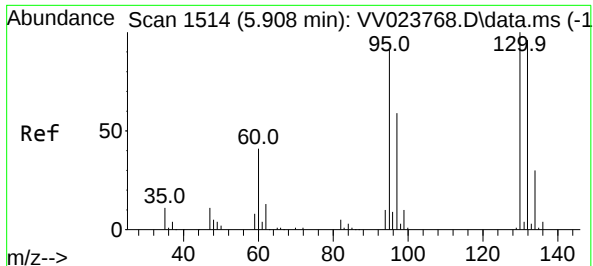
Tgt Ion:117 Resp: 3109
Ion Ratio Lower Upper
117 100
119 173.6 76.0 114.0#



#33
Benzene
Concen: 0.816 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 78 Resp: 12379





#34

Trichloroethene

Concen: 0.914 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3810

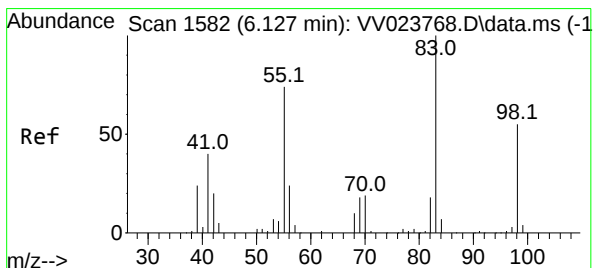
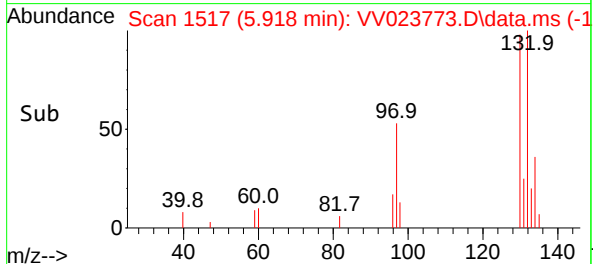
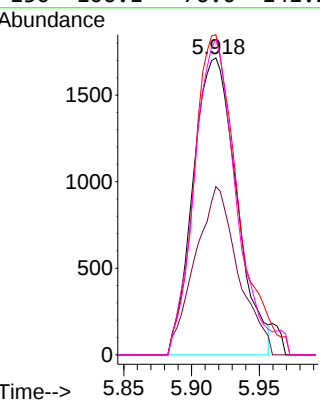
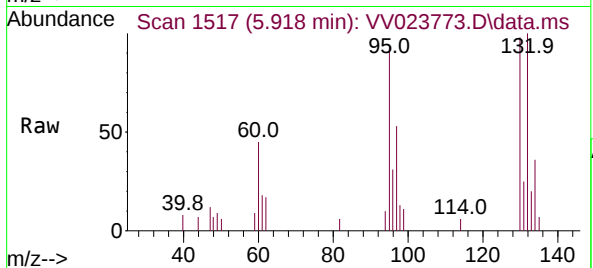
Ion Ratio Lower Upper

95 100

97 56.6 44.5 82.7

132 107.8 71.7 133.1

130 106.1 76.0 141.2



#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

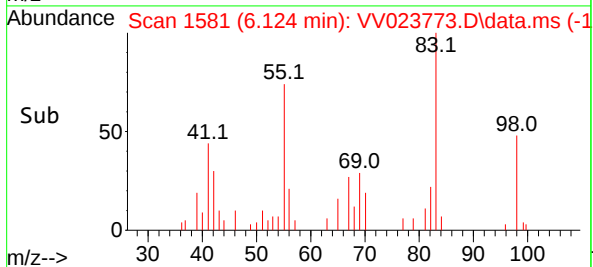
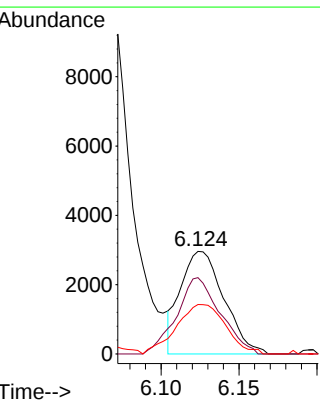
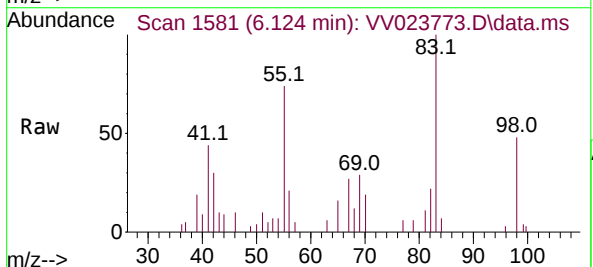
Tgt Ion: 83 Resp: 5743

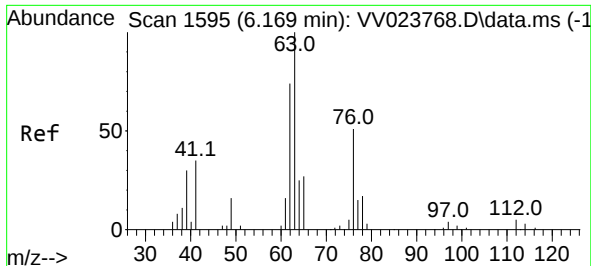
Ion Ratio Lower Upper

83 100

55 74.4 57.4 86.2

98 54.3 40.4 60.6

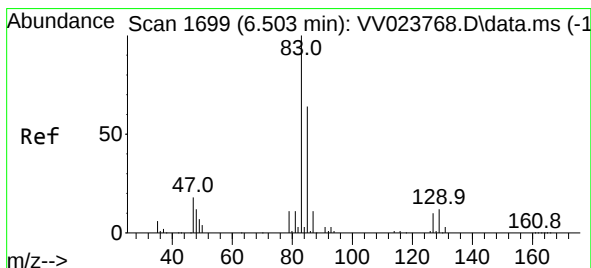
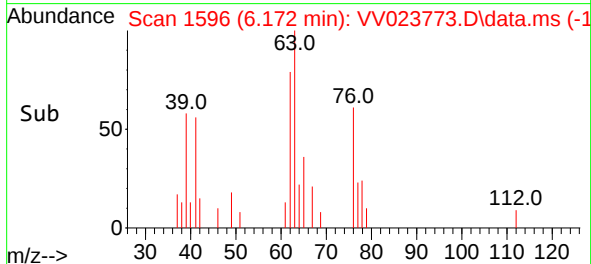
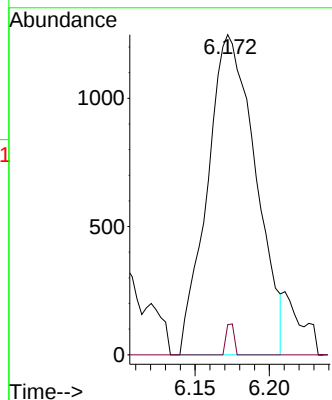
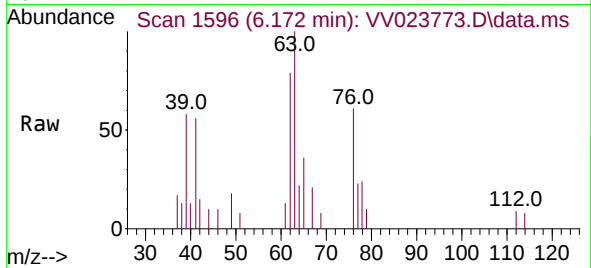




#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

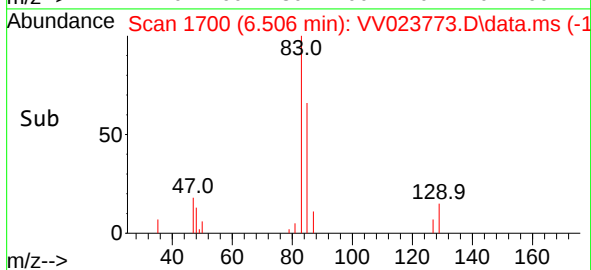
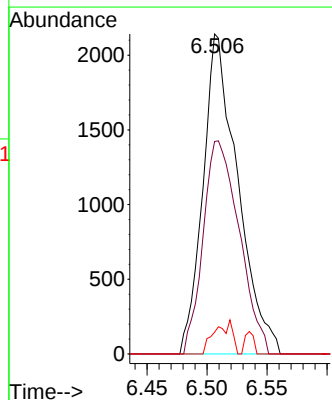
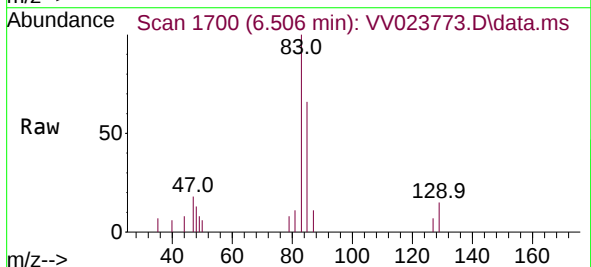
Instrument :
MSVOA_V
ClientSampleId :

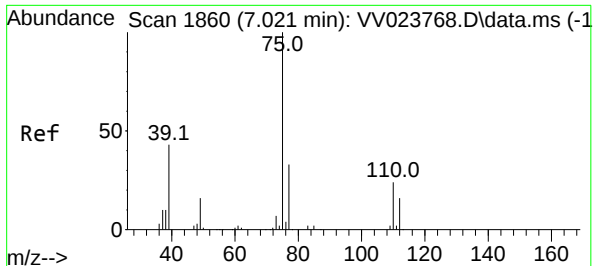
Tgt Ion: 63 Resp: 2818
Ion Ratio Lower Upper
63 100
112 1.6 4.3 6.5#



#38
Bromodichloromethane
Concen: 0.841 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 83 Resp: 4318
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2
127 6.8 7.5 11.3#





#39

cis-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

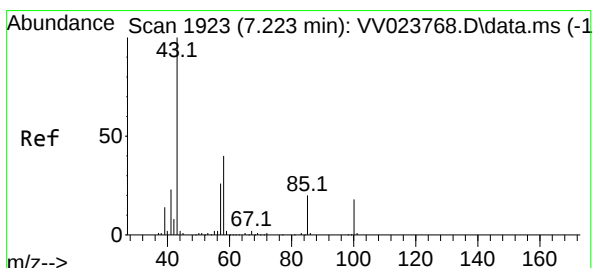
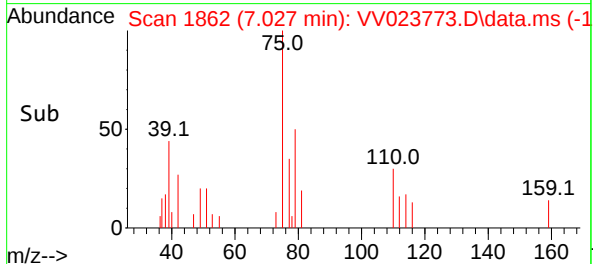
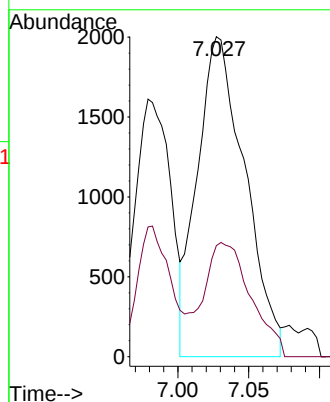
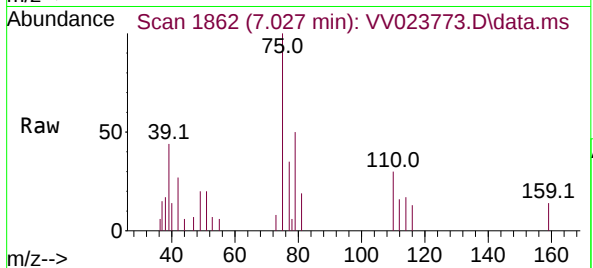
ClientSampleId :

Tgt Ion: 75 Resp: 4676

Ion Ratio Lower Upper

75 100

77 34.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.360 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.013 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

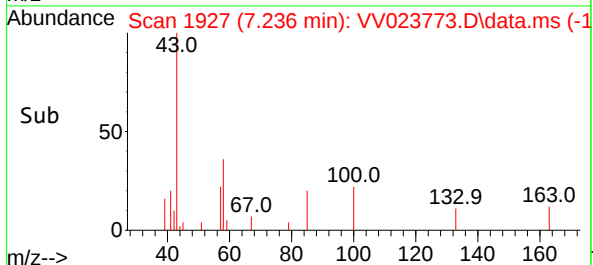
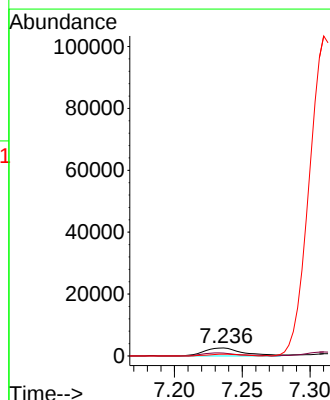
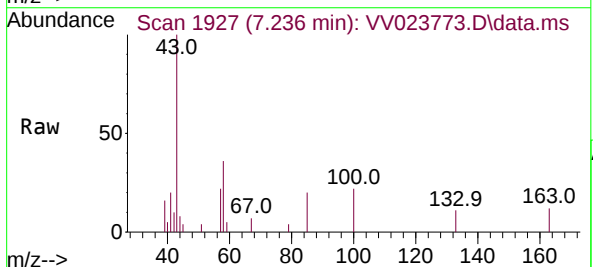
Tgt Ion: 43 Resp: 5110

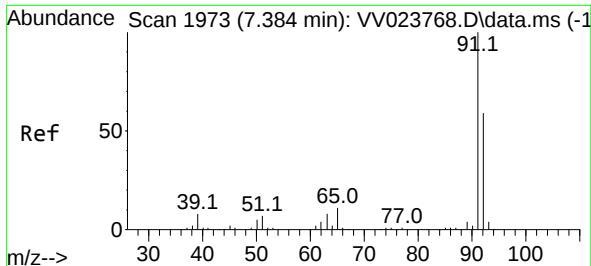
Ion Ratio Lower Upper

43 100

58 35.4 31.6 47.4

100 18.5 13.8 20.6

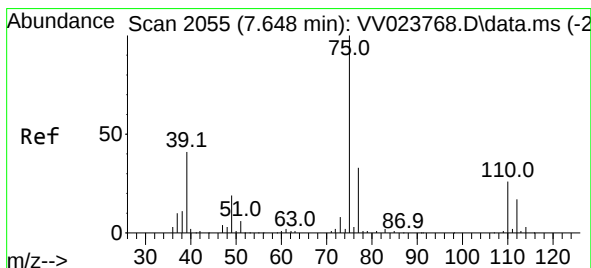
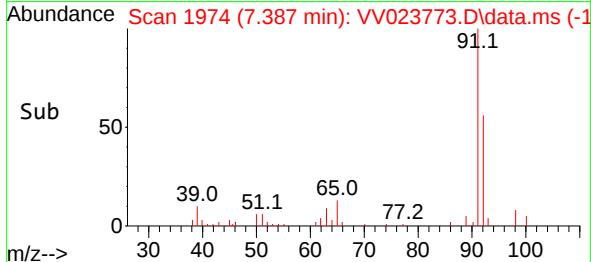
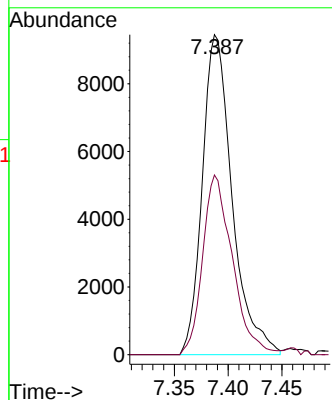
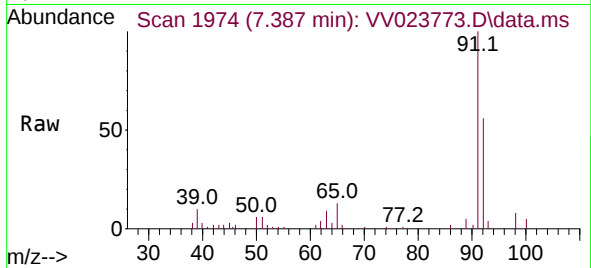




#42
Toluene
Concen: 1.099 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

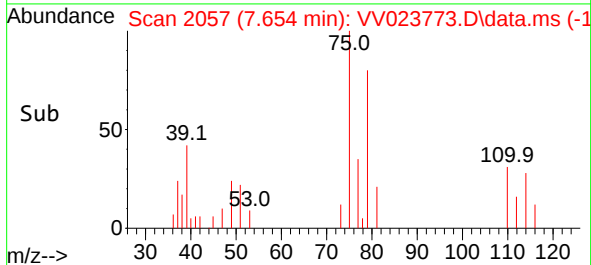
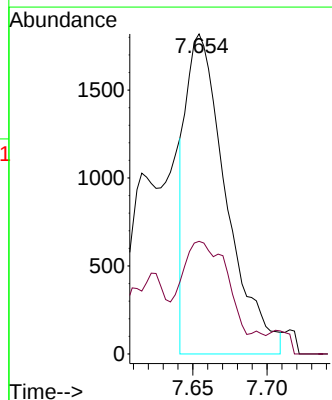
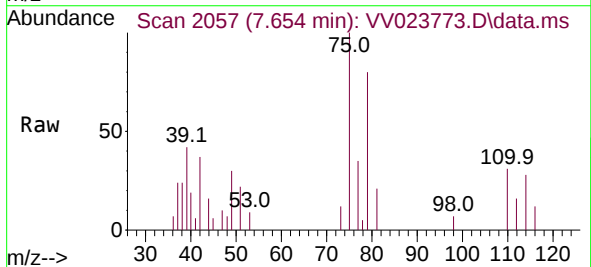
Instrument :
MSVOA_V
ClientSampleId :

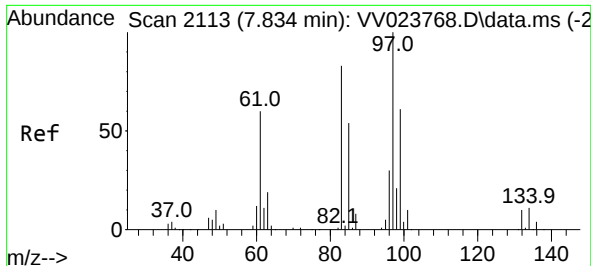
Tgt Ion: 91 Resp: 18254
Ion Ratio Lower Upper
91 100
92 56.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 0.666 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

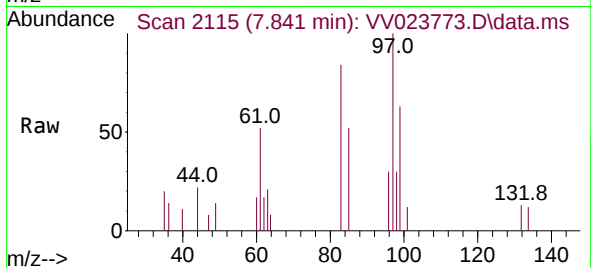
Tgt Ion: 75 Resp: 3426
Ion Ratio Lower Upper
75 100
77 35.2 21.5 39.9



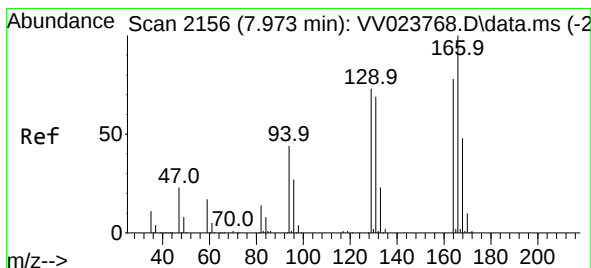
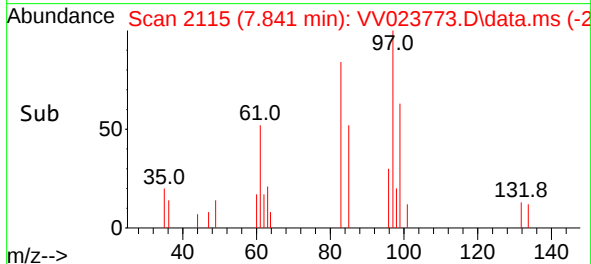
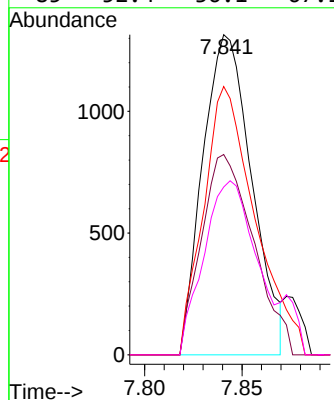


#45
1,1,2-Trichloroethane
Concen: 0.747 ug/L
RT: 7.841 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :

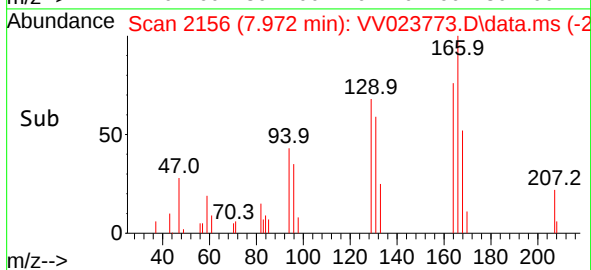
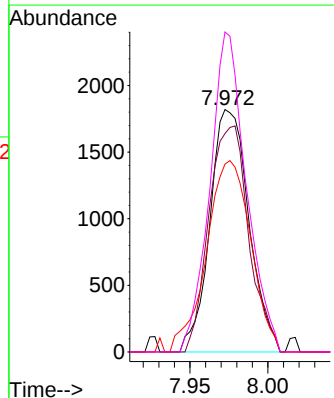
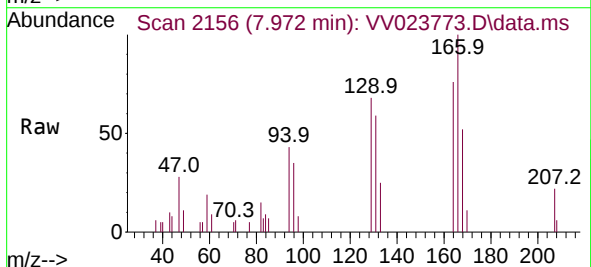


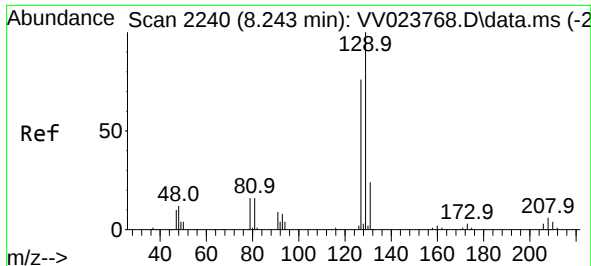
Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	41.8	77.6
83	83.8	55.8	103.6
85	52.4	36.1	67.1



#46
Tetrachloroethene
Concen: 0.855 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.1	63.3	117.5
131	77.5	61.8	114.8
166	132.0	92.2	171.2





#49

Dibromochloromethane

Concen: 0.812 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

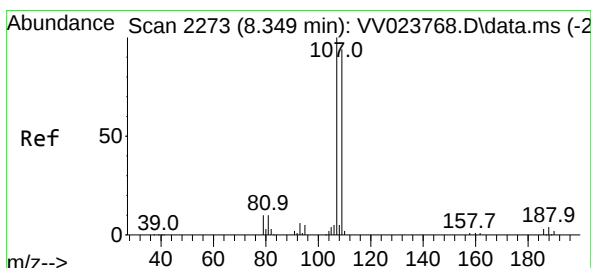
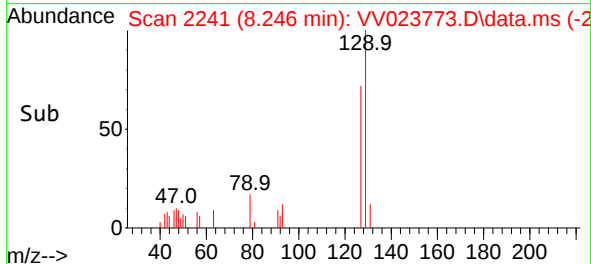
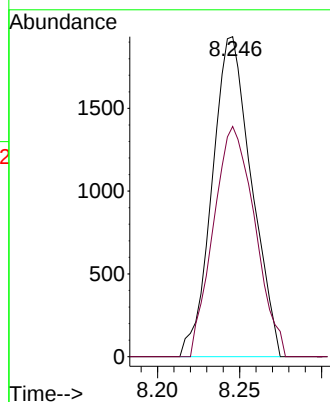
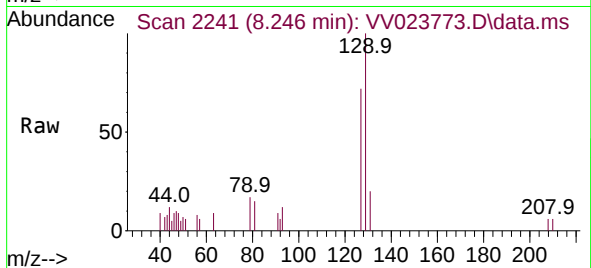
ClientSampleId :

Tgt Ion:129 Resp: 3214

Ion Ratio Lower Upper

129 100

127 72.0 53.1 98.7



#50

1,2-Dibromoethane

Concen: 0.860 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

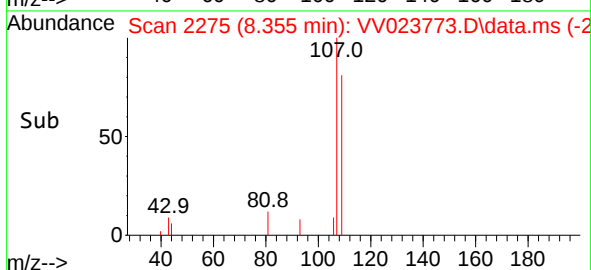
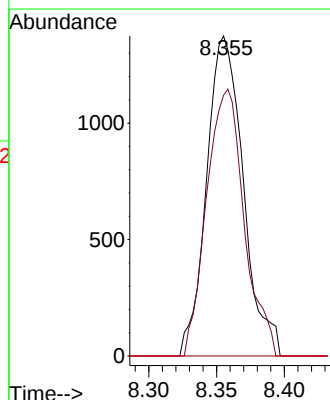
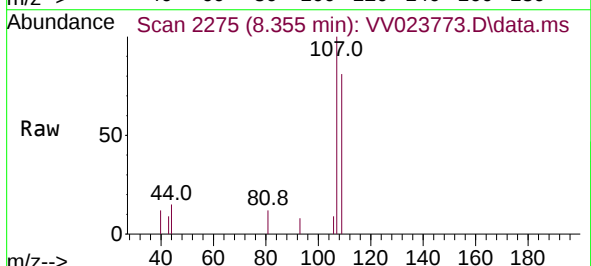
Tgt Ion:107 Resp: 2586

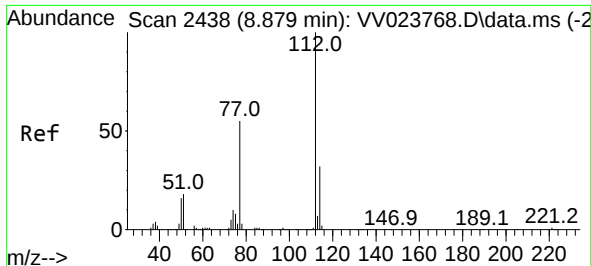
Ion Ratio Lower Upper

107 100

109 81.4 67.8 125.8

188 0.0 3.6 5.4#

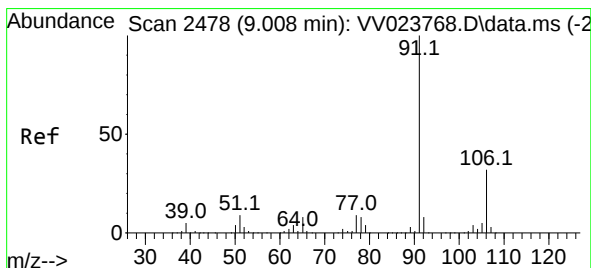
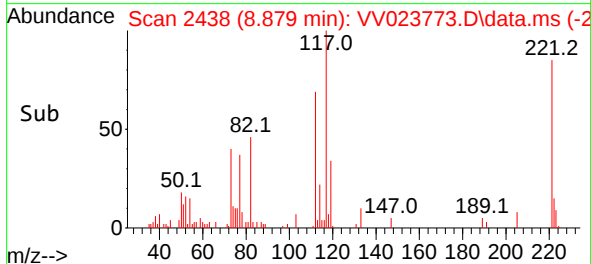
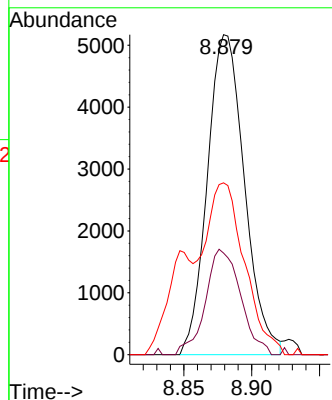
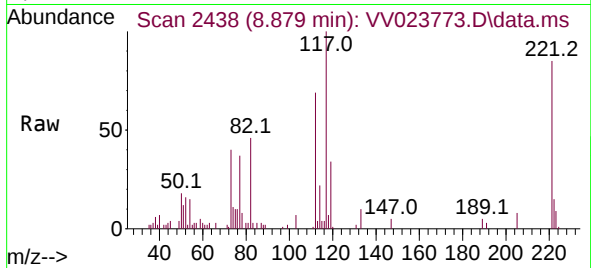




#51
Chlorobenzene
Concen: 0.865 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

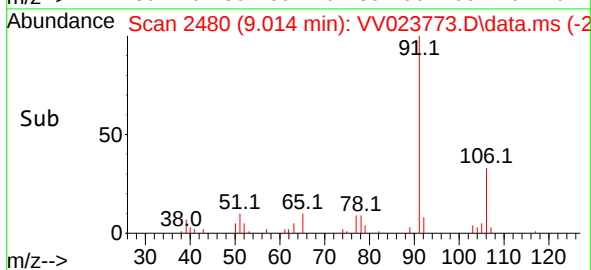
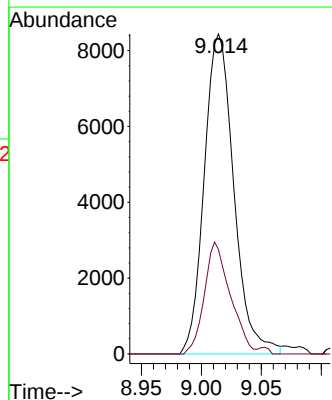
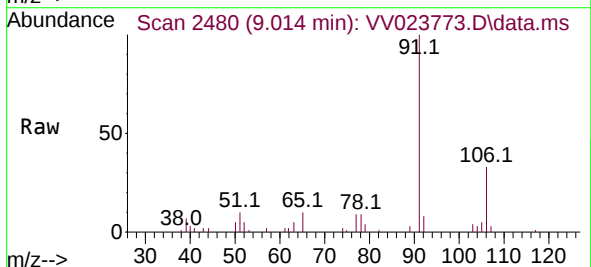
Instrument :
MSVOA_V
ClientSampleId :

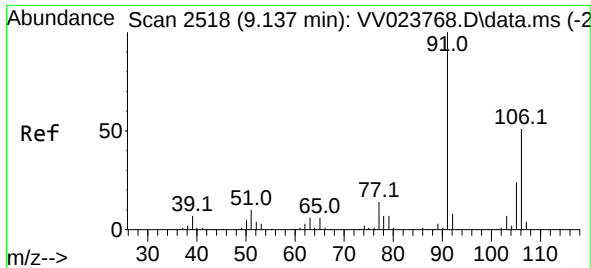
Tgt Ion:112	Resp:	9843
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.6 42.0
77	53.7	43.5 65.3



#52
Ethylbenzene
Concen: 0.810 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 91	Resp:	14505
Ion Ratio	Lower	Upper
91	100	
106	32.7	22.0 40.8

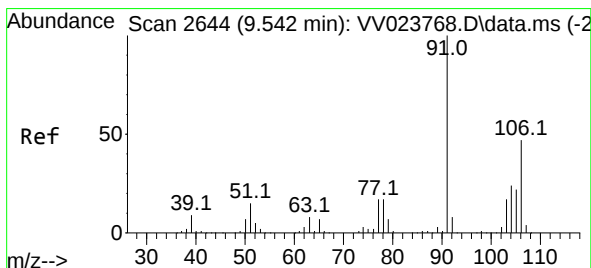
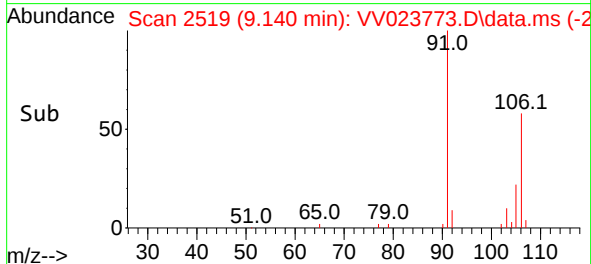
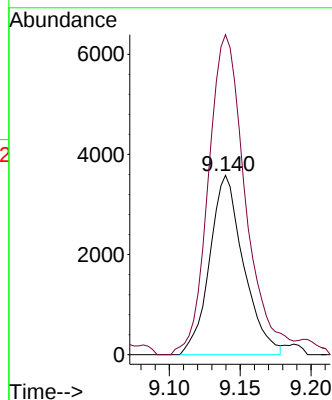
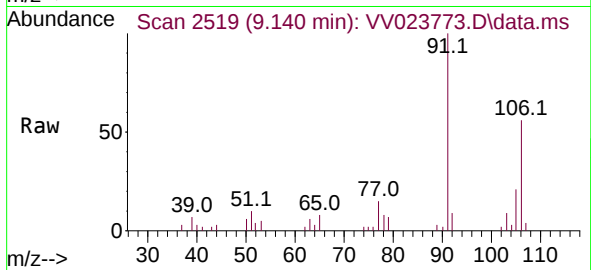




#53
m,p-Xylene
Concen: 0.843 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

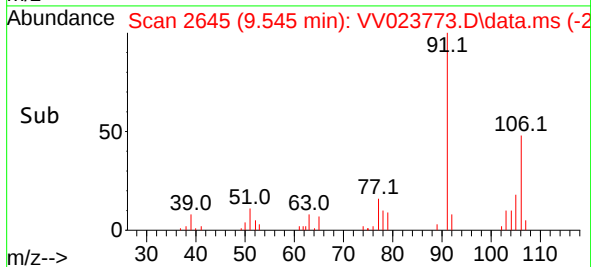
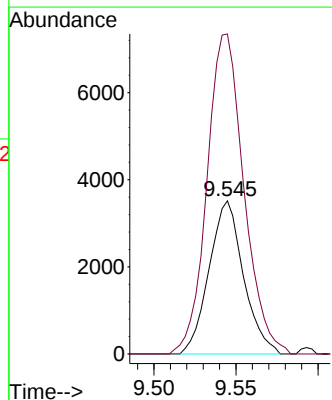
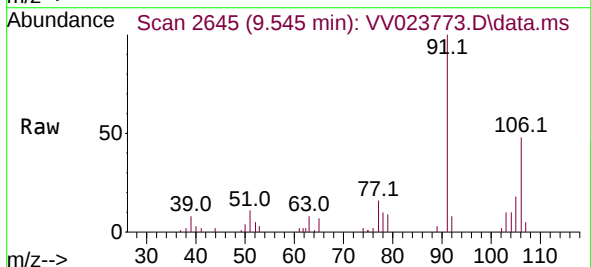
Instrument :
MSVOA_V
ClientSampleId :

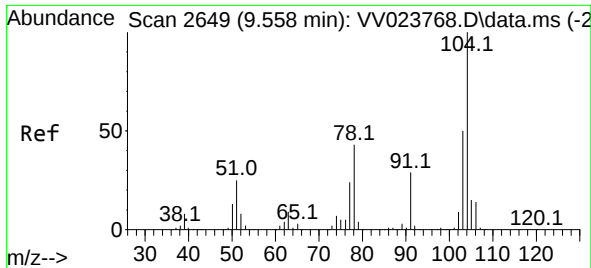
Tgt Ion:106 Resp: 5969
Ion Ratio Lower Upper
106 100
91 178.4 141.7 263.3



#54
o-Xylene
Concen: 0.759 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion:106 Resp: 5117
Ion Ratio Lower Upper
106 100
91 208.9 147.8 274.6

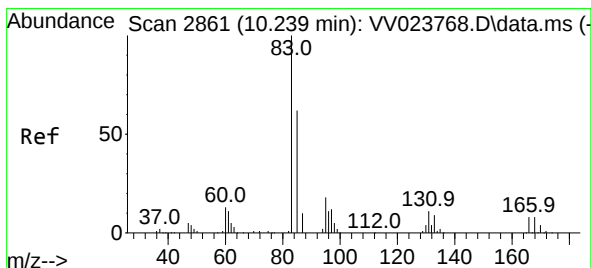
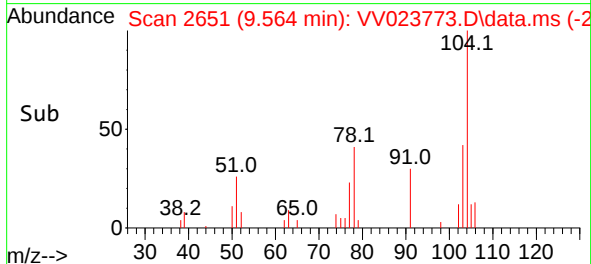
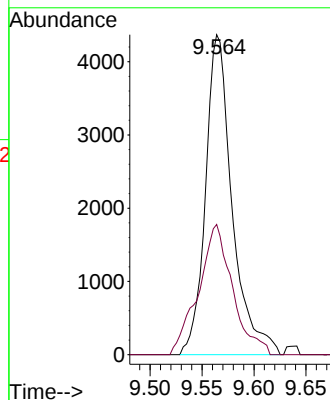
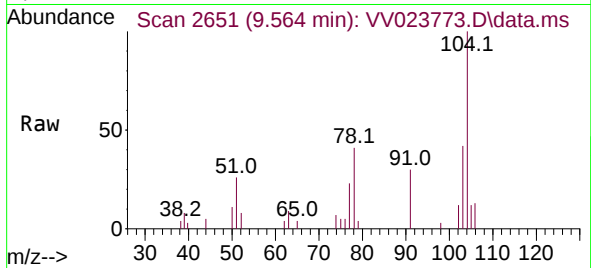




#55
Styrene
Concen: 0.668 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

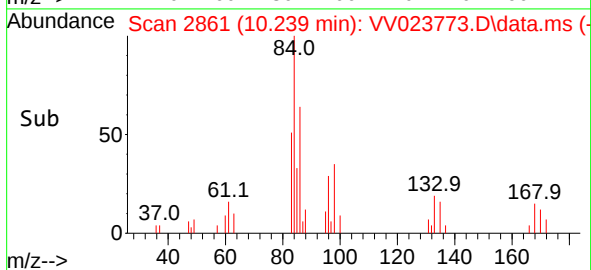
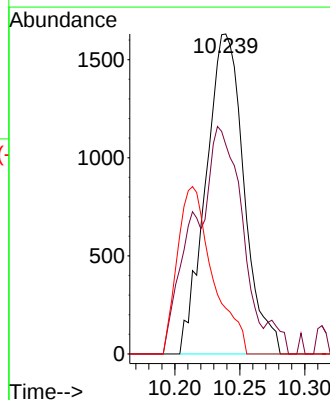
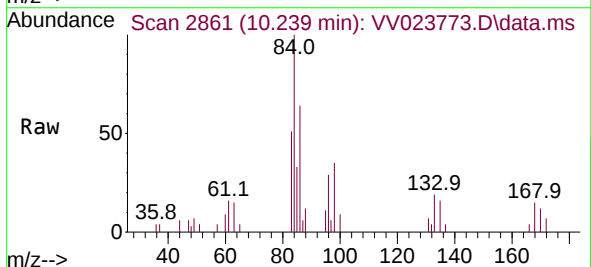
Instrument :
MSVOA_V
ClientSampleId :

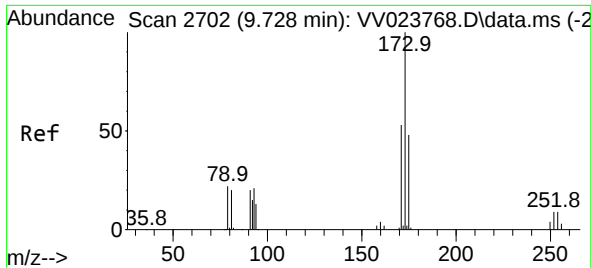
Tgt Ion:104 Resp: 7791
Ion Ratio Lower Upper
104 100
78 40.7 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.969 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

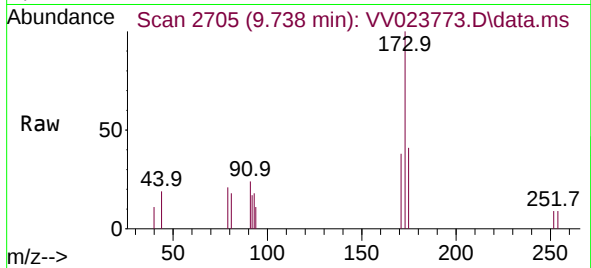
Tgt Ion: 83 Resp: 3331
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5
131 14.3 8.4 12.6#



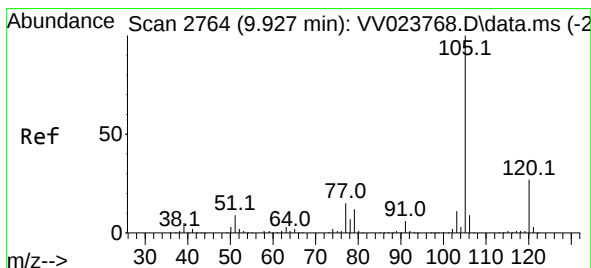
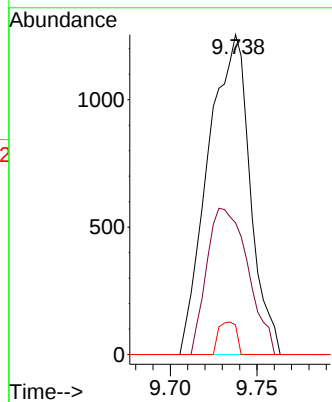
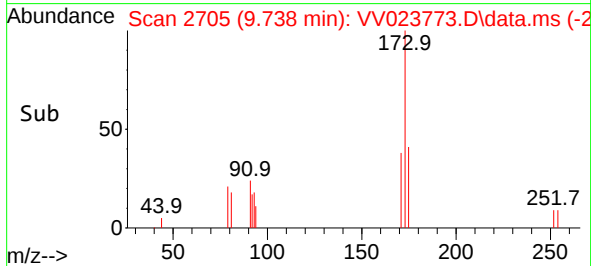


#59
Bromoform
Concen: 0.899 ug/L
RT: 9.738 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

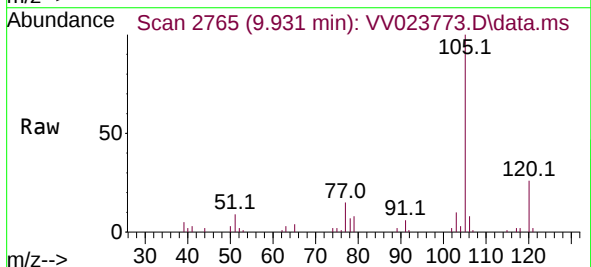
Instrument :
MSVOA_V
ClientSampleId :



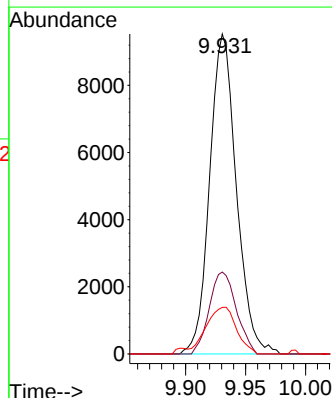
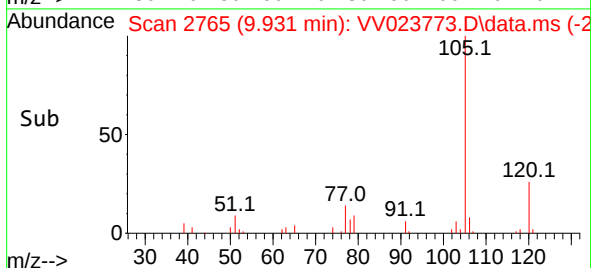
Tgt Ion:173 Resp: 2116
Ion Ratio Lower Upper
173 100
175 44.8 0.0 0.0#
254 4.3 0.0 0.0#

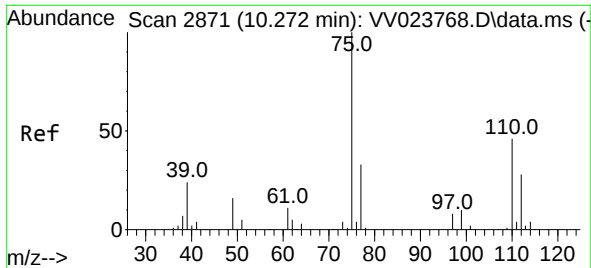


#60
Isopropylbenzene
Concen: 0.843 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00



Tgt Ion:105 Resp: 14775
Ion Ratio Lower Upper
105 100
120 25.8 21.6 32.4
77 16.5 11.9 17.9

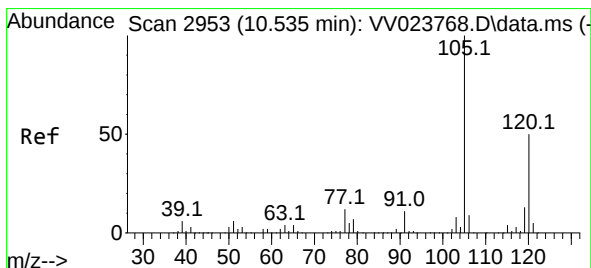
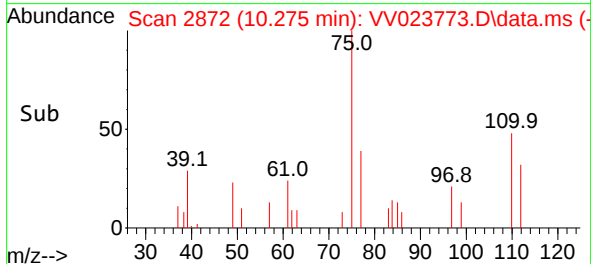
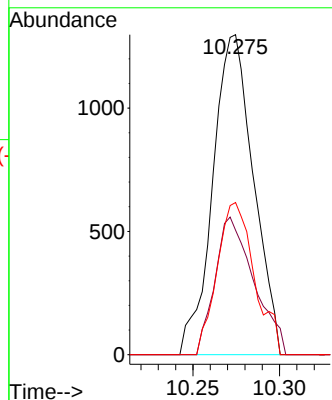
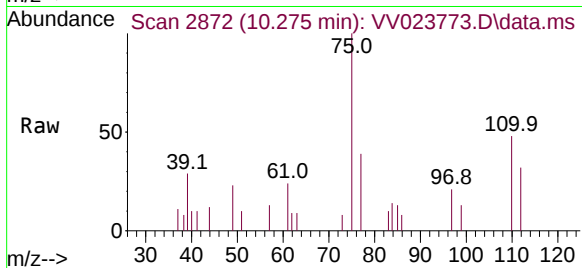




#61
1,2,3-Trichloropropane
Concen: 0.838 ug/L
RT: 10.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

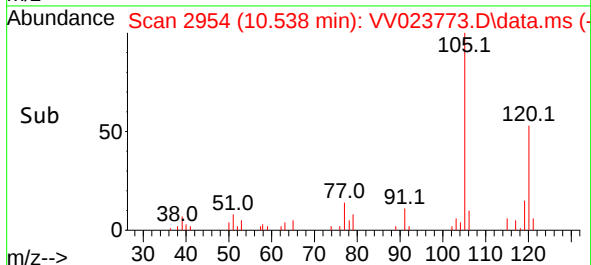
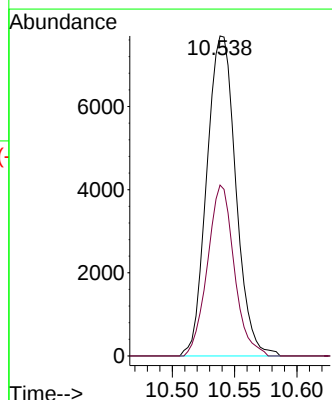
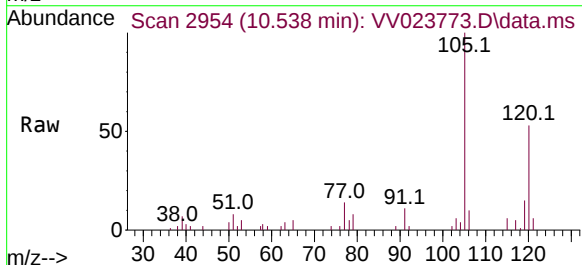
Instrument :
MSVOA_V
ClientSampleId :

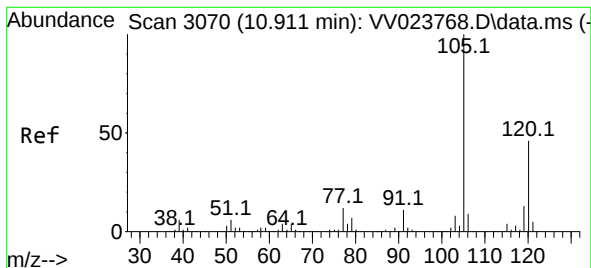
Tgt Ion: 75 Resp: 2123
Ion Ratio Lower Upper
75 100
77 41.2 27.0 40.6#
110 40.4 33.7 50.5



#62
1,3,5-Trimethylbenzene
Concen: 0.818 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 105 Resp: 12492
Ion Ratio Lower Upper
105 100
120 49.1 40.0 60.0





#63

1,2,4-Trimethylbenzene

Concen: 0.789 ug/L

RT: 10.914 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

Instrument :

MSVOA_V

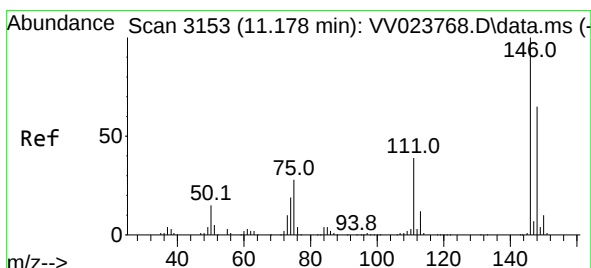
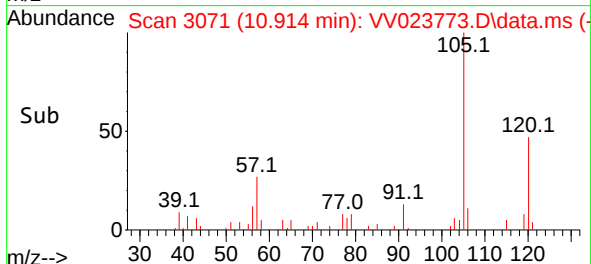
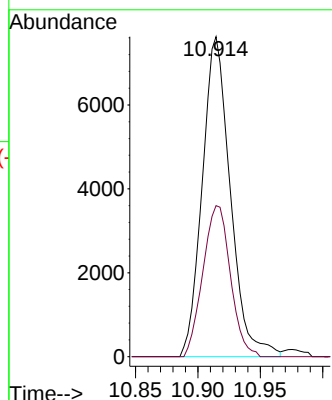
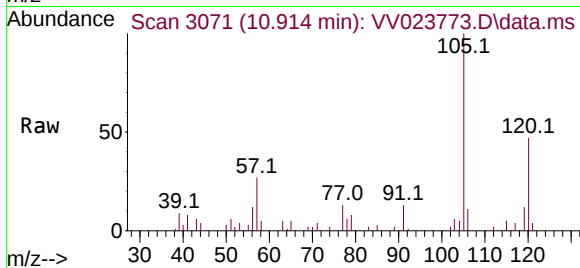
ClientSampleId :

Tgt Ion:105 Resp: 11948

Ion Ratio Lower Upper

105 100

120 46.2 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 0.876 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV023773.D

Acq: 02 Dec 2021 14:00

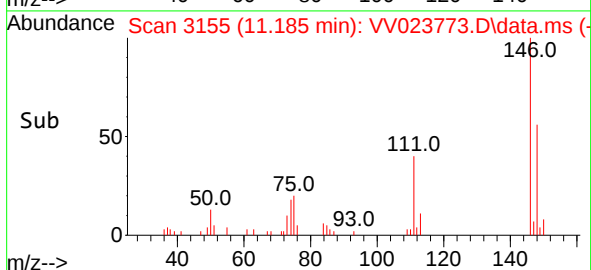
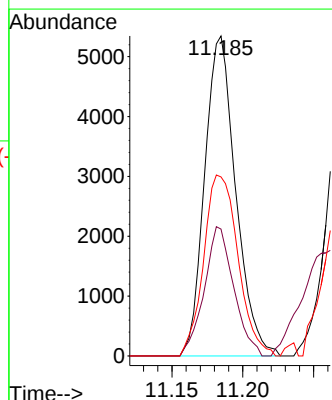
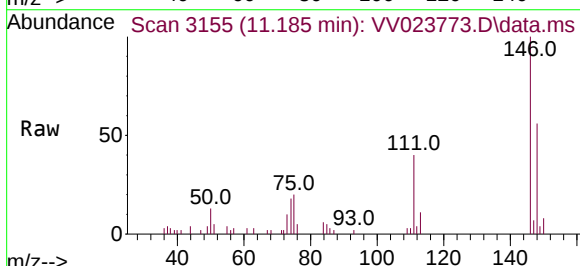
Tgt Ion:146 Resp: 8152

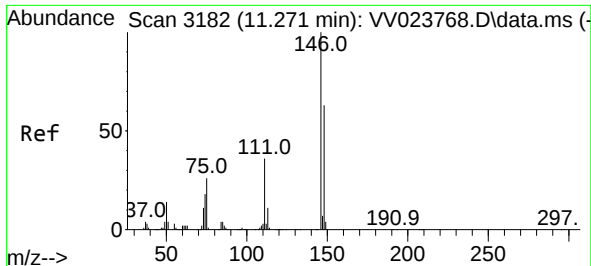
Ion Ratio Lower Upper

146 100

111 39.7 26.2 48.8

148 55.9 44.7 83.1

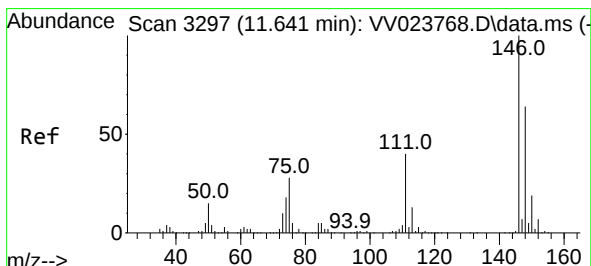
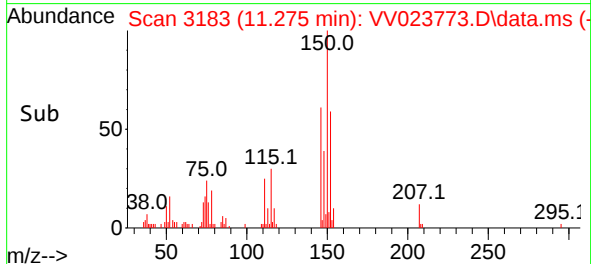
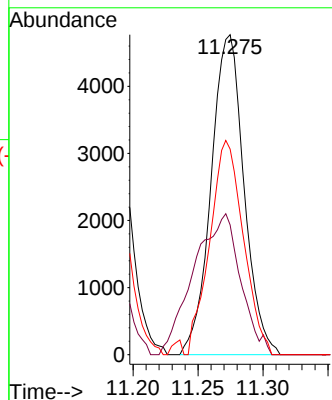
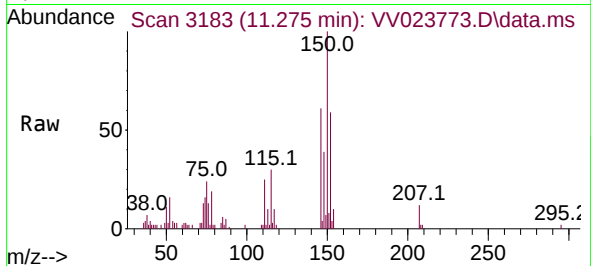




#65
1,4-Dichlorobenzene
Concen: 0.883 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

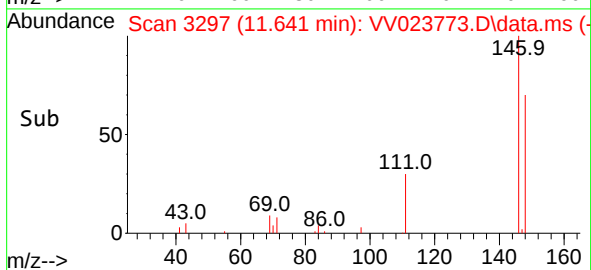
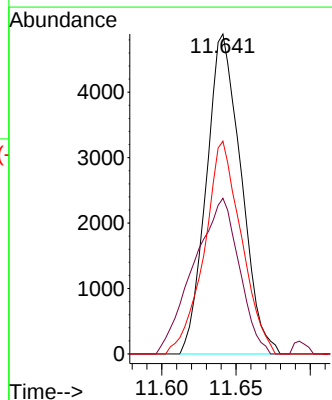
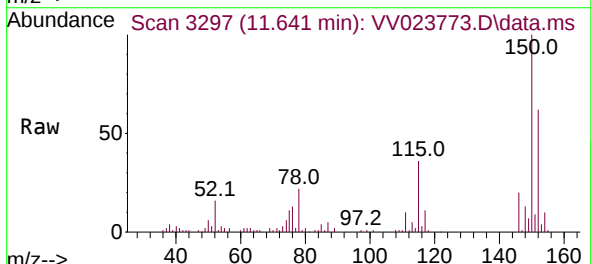
Instrument :
MSVOA_V
ClientSampleId :

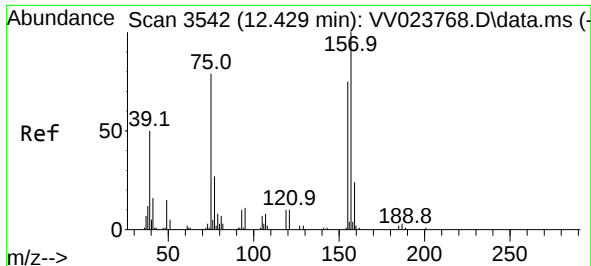
Tgt Ion:146 Resp: 8396
Ion Ratio Lower Upper
146 100
111 40.6 25.4 47.2
148 64.2 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 0.931 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Tgt Ion:146 Resp: 7941
Ion Ratio Lower Upper
146 100
111 48.6 31.4 47.0#
148 66.5 51.1 76.7

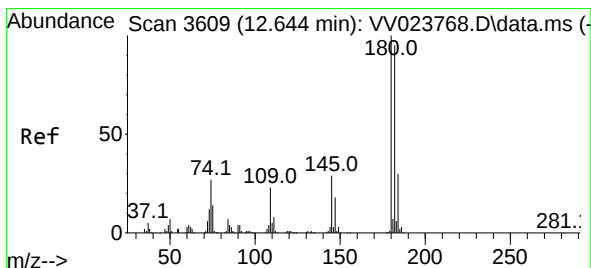
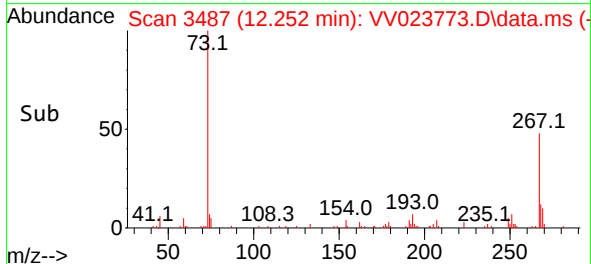
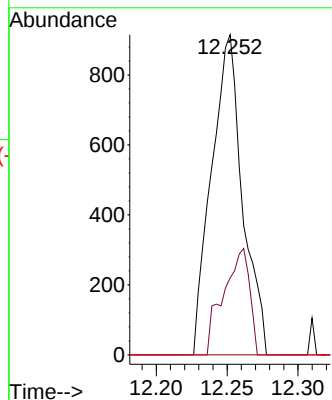
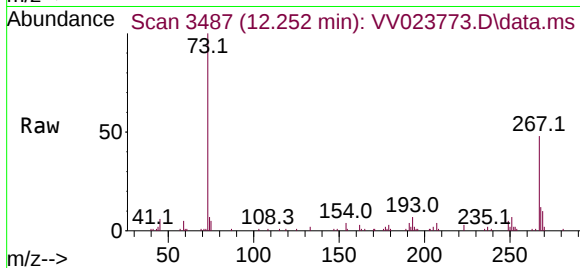




#68
1,2-Dibromo-3-chloropropane
Concen: 2.265 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

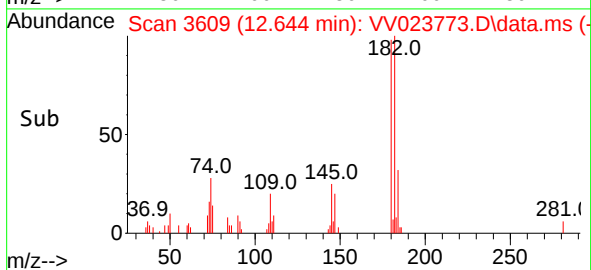
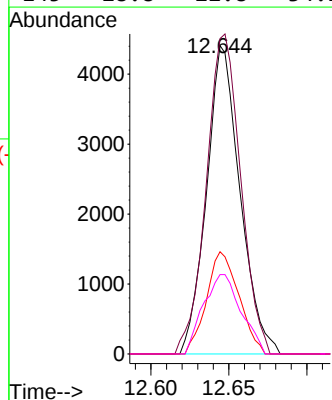
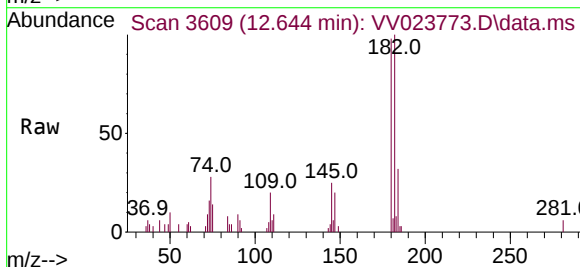
Instrument :
MSVOA_V
ClientSampleId :

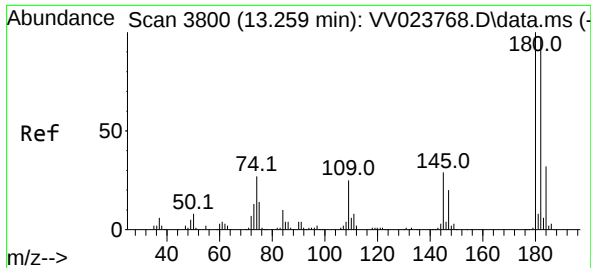
Tgt Ion: 75 Resp: 1392
Ion Ratio Lower Upper
75 100
155 24.0 71.0 106.4#
157 0.0 90.1 135.1#



#69
1,3,5-Trichlorobenzene
Concen: 0.898 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

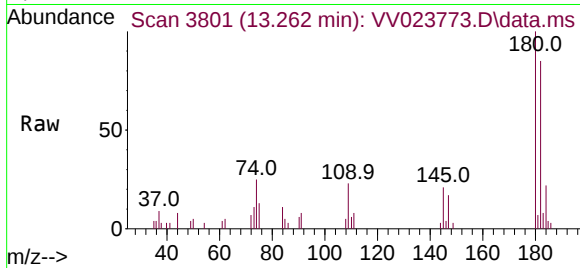
Tgt Ion: 180 Resp: 6598
Ion Ratio Lower Upper
180 100
182 106.1 75.8 113.8
184 32.1 23.8 35.8
145 28.8 22.8 34.2



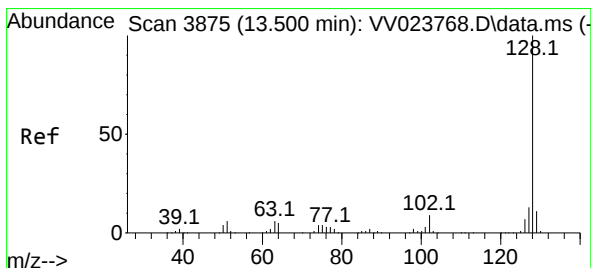
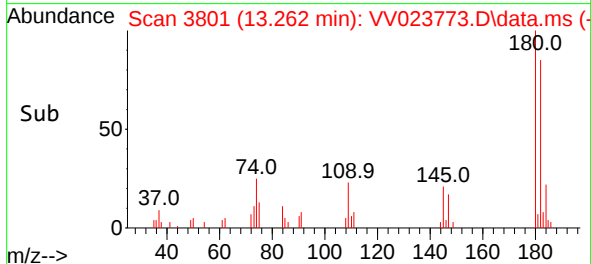
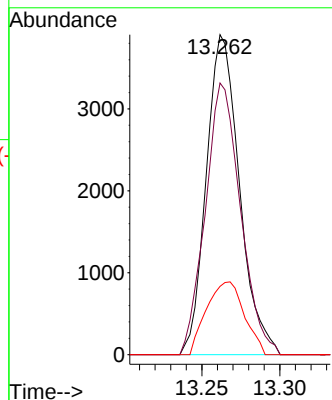


#70
1,2,4-trichlorobenzene
Concen: 0.967 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :

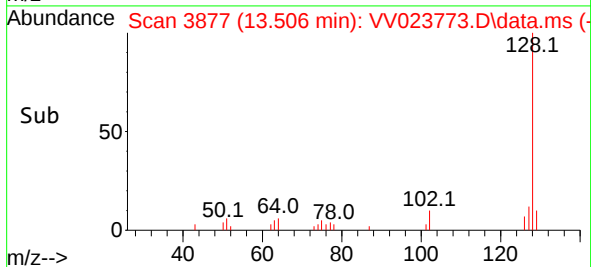
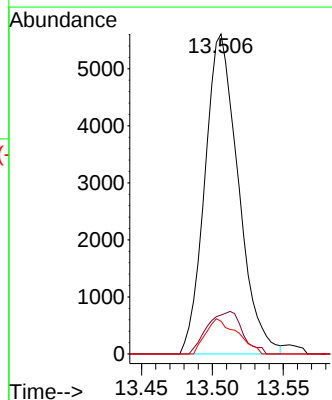
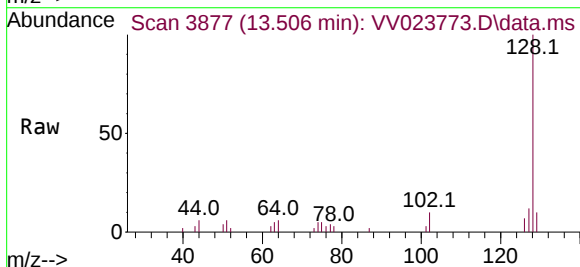


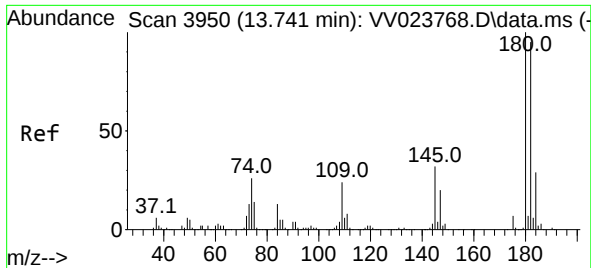
Tgt Ion:180 Resp: 5774
Ion Ratio Lower Upper
180 100
182 90.0 77.0 115.4
145 25.9 24.3 36.5



#71
Naphthalene
Concen: 0.868 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV023773.D
Acq: 02 Dec 2021 14:00

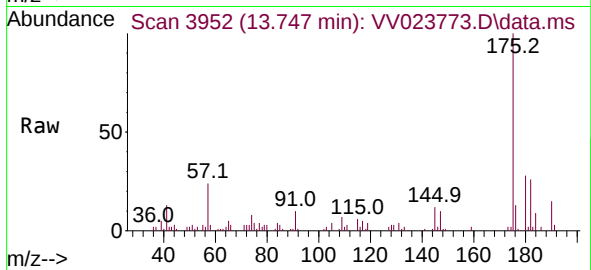
Tgt Ion:128 Resp: 9207
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 10.3 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.863 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV023773.D
 Acq: 02 Dec 2021 14:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 4650
 Ion Ratio Lower Upper
 180 100
 182 100.3 76.2 114.2
 145 43.3 25.6 38.4#

