

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030068.D
 Acq On : 14 Jul 2022 18:07
 Operator : JC/MD
 Sample : N3695-05DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01D-84DL

Quant Time: Jul 15 04:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

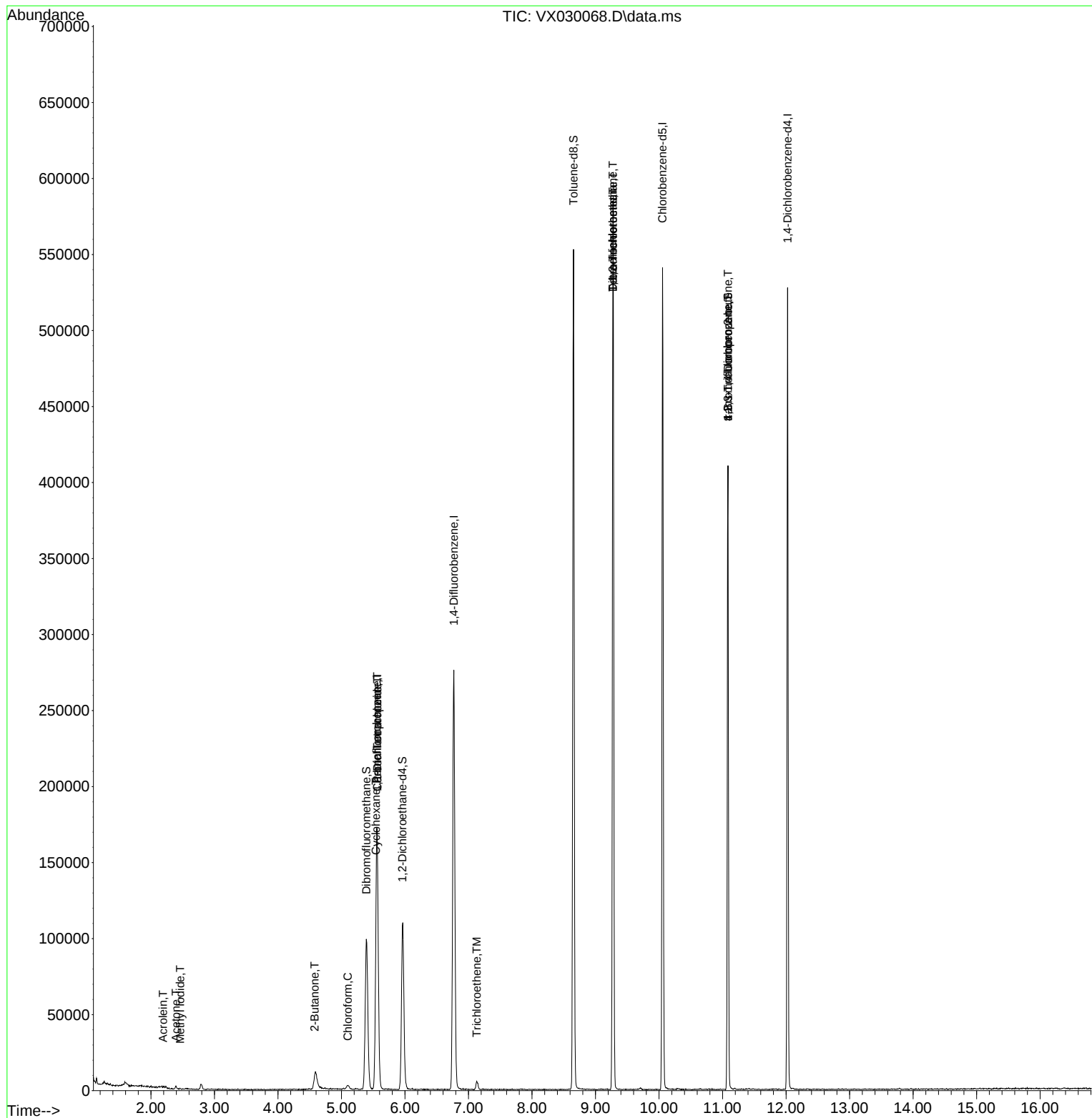
Internal Standards						
1) Pentafluorobenzene	5.556	168	167882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95267	46.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.240%		
35) Dibromofluoromethane	5.391	113	87972	47.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	8.653	98	334709	47.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	11.085	95	110816	45.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.440%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	349	2.605	ug/l #	71
13) Acrolein	2.191	56	95	0.904	ug/l #	50
16) Acetone	2.392	43	1906	1.979	ug/l #	87
17) Carbon Disulfide	2.508	76	332	Below Cal	#	74
20) Methylene Chloride	2.794	84	1699	Below Cal	#	86
25) 2-Butanone	4.574	43	583	0.355	ug/l #	48
30) Chloroform	5.099	83	3176	0.983	ug/l	86
31) Cyclohexane	5.544	56	3608	1.218	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	12759	5.319	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16444	7.351	ug/l #	17
44) Trichloroethene	7.129	130	2292	1.039	ug/l	97
55) 1,1,2-Trichloroethane	9.275	97	1084	0.548	ug/l #	1
60) Dibromochloromethane	9.275	129	108055	56.102	ug/l #	11
64) Tetrachloroethene	9.275	164	108672	53.087	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	52898	21.424	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52898	61.830	ug/l #	13

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

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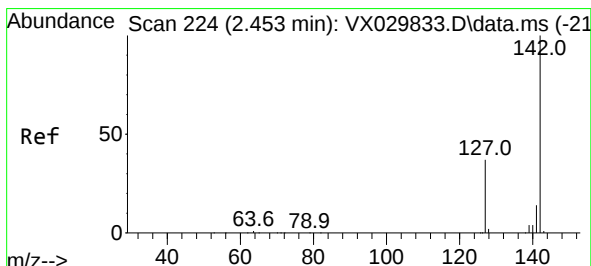
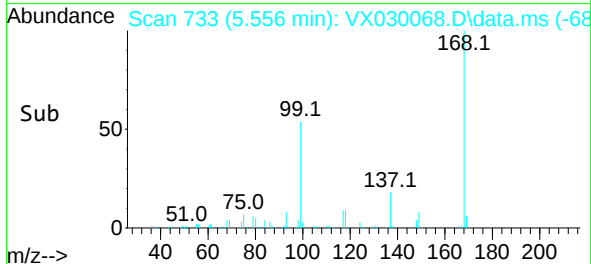
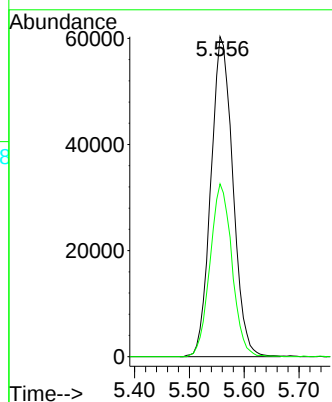
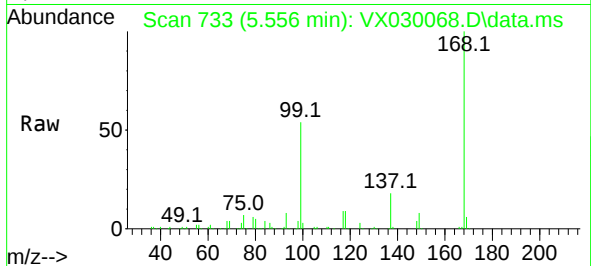




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

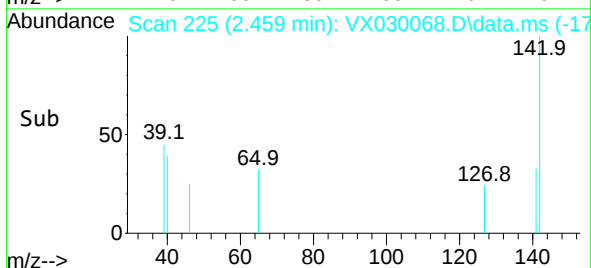
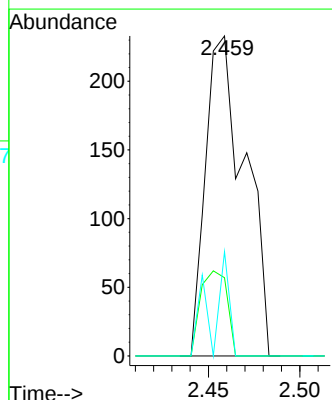
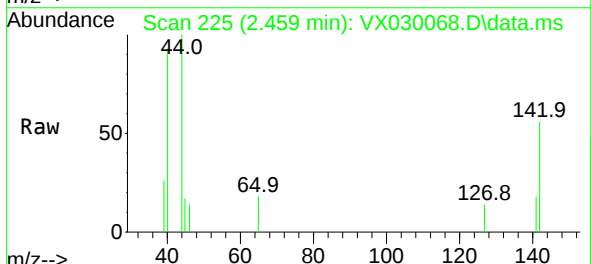
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

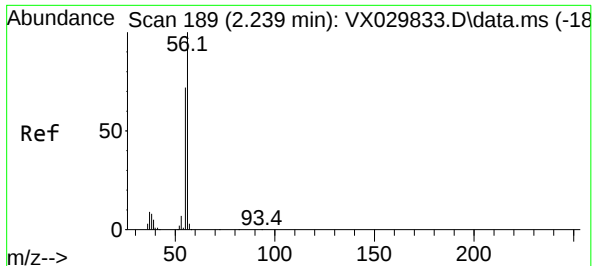
Tgt Ion:168 Resp: 167882
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#10
Methyl Iodide
Concen: 2.605 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion:142 Resp: 349
Ion Ratio Lower Upper
142 100
127 18.1 30.2 45.2#
141 6.3 11.3 16.9#





#13

Acrolein

Concen: 0.904 ug/l

RT: 2.191 min Scan# 11

Delta R.T. -0.048 min

Lab File: VX030068.D

Acq: 14 Jul 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

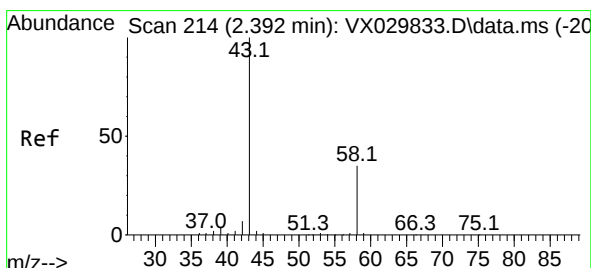
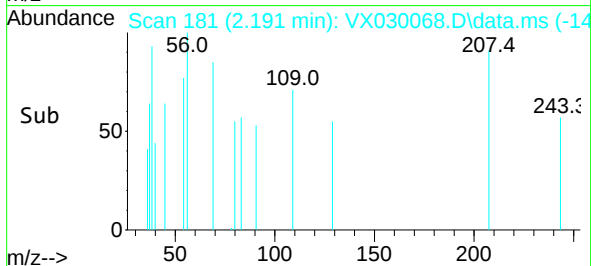
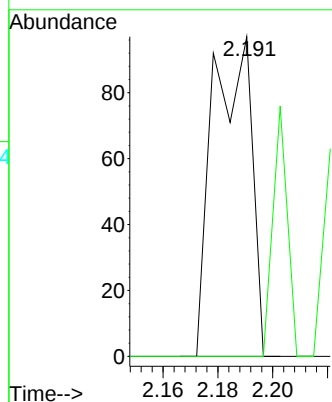
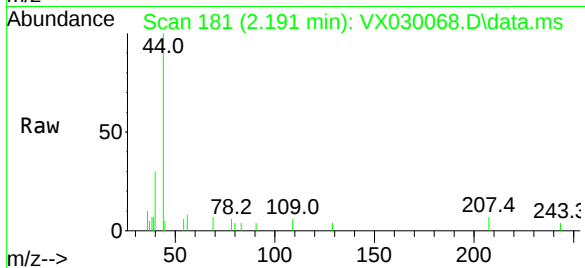
SPC-01D-84DL

Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 29.5 56.6 84.8#



#16

Acetone

Concen: 1.979 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030068.D

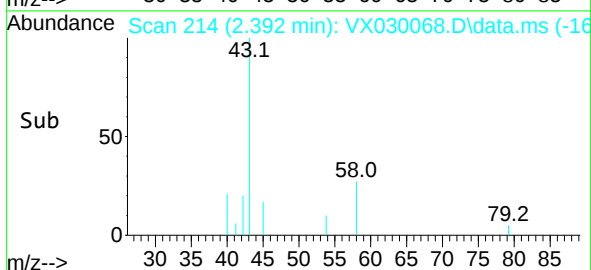
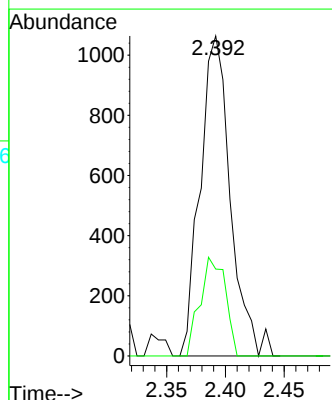
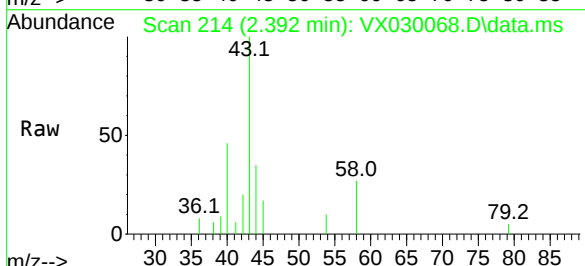
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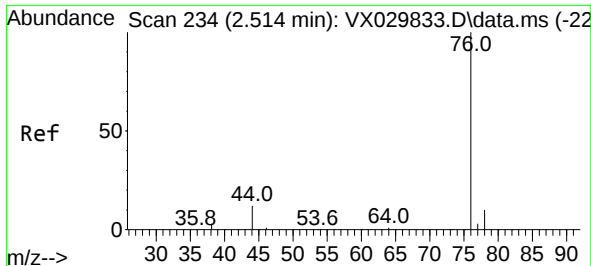
Tgt Ion: 43 Resp: 1906

Ion Ratio Lower Upper

43 100

58 27.2 27.7 41.5#

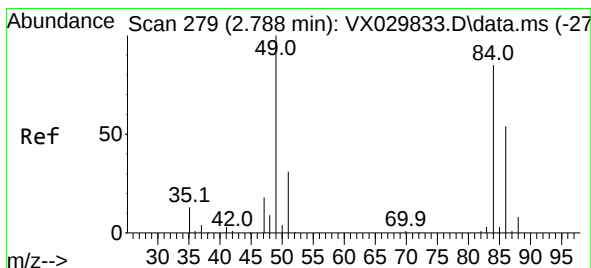
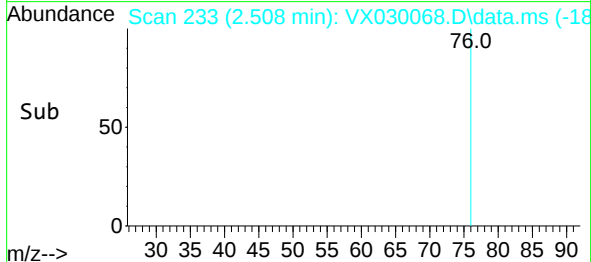
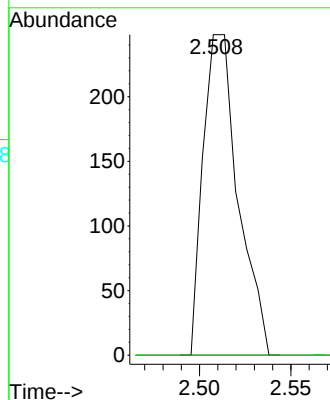
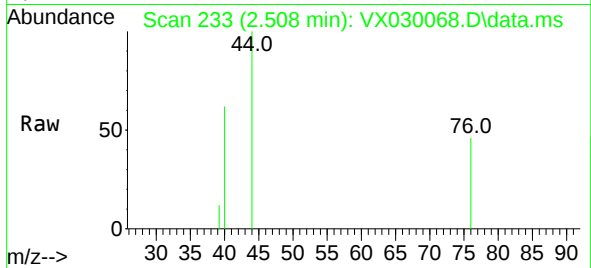




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

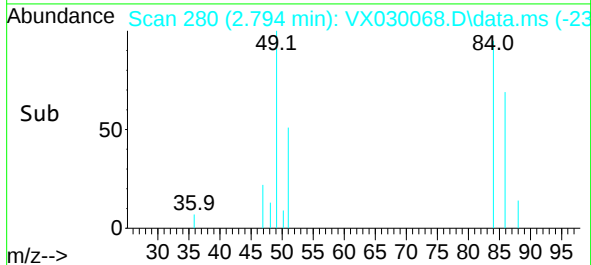
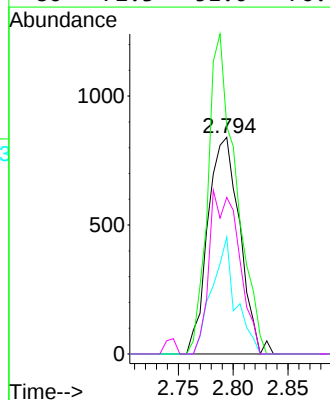
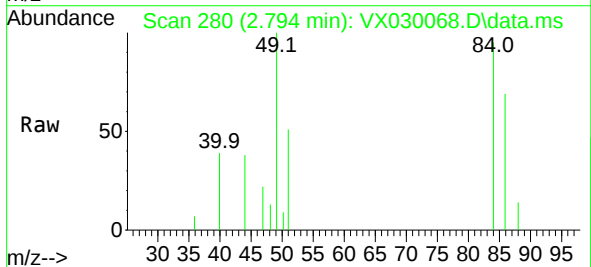
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

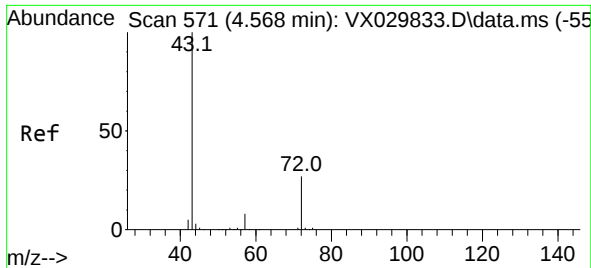
Tgt Ion: 76 Resp: 332
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 84 Resp: 1699
Ion Ratio Lower Upper
84 100
49 105.0 93.8 140.6
51 54.0 29.4 44.0#
86 72.3 51.0 76.4

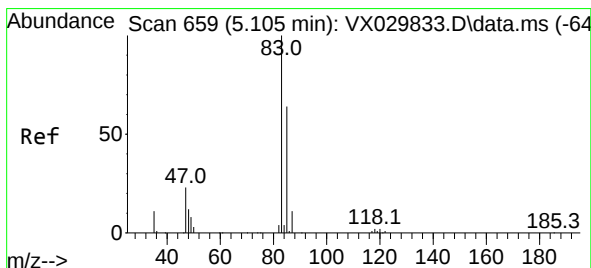
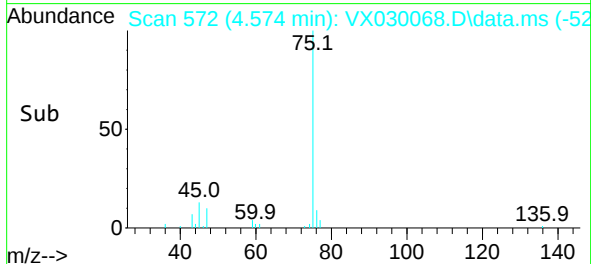
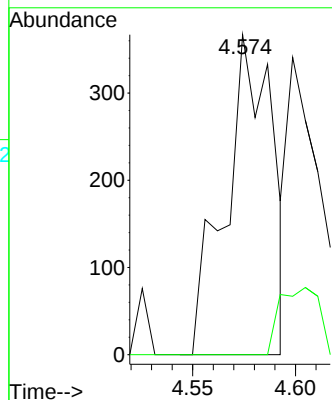
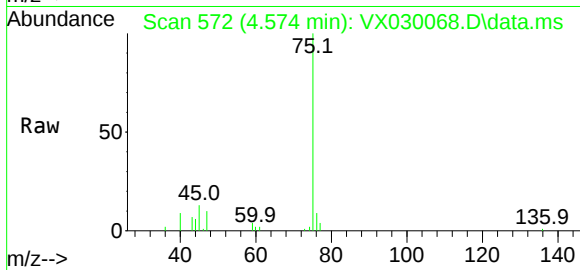




#25
2-Butanone
Concen: 0.355 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

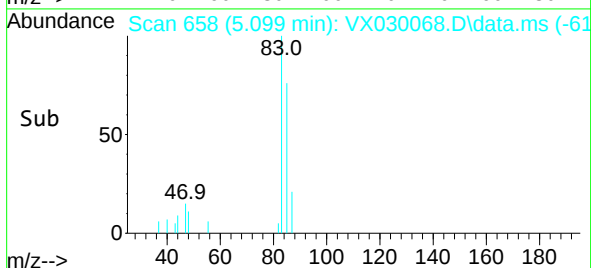
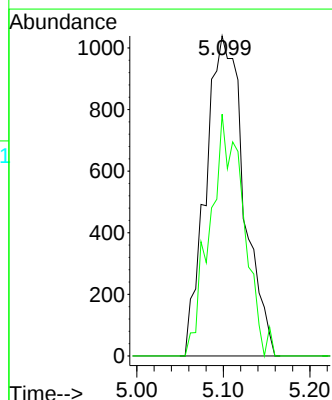
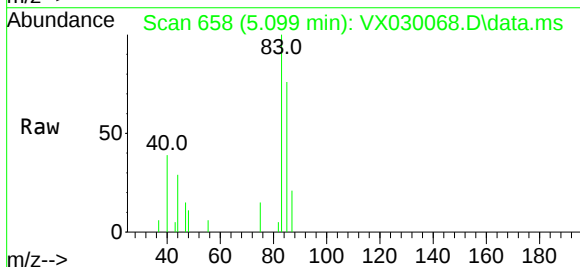
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

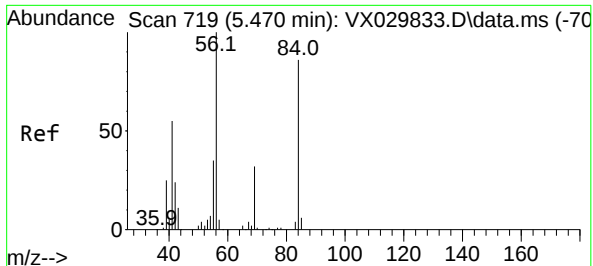
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#30
Chloroform
Concen: 0.983 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

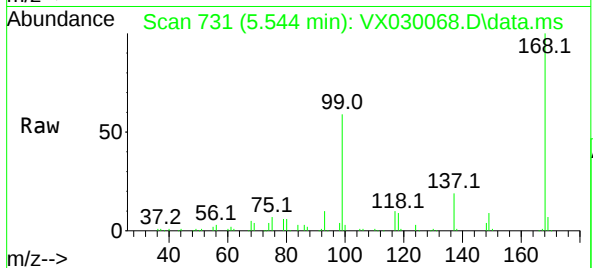
Tgt Ion: 83 Resp: 3176
Ion Ratio Lower Upper
83 100
85 75.6 51.5 77.3



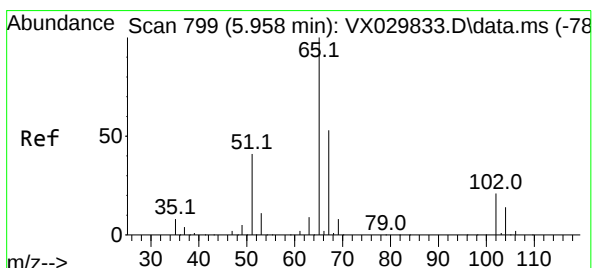
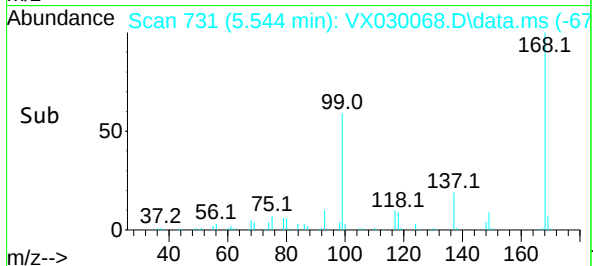
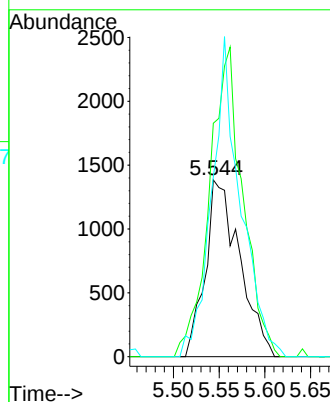


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

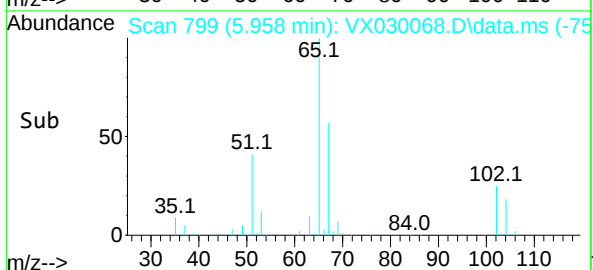
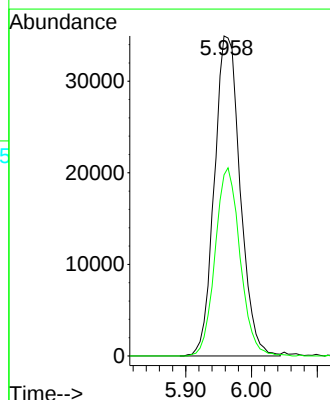
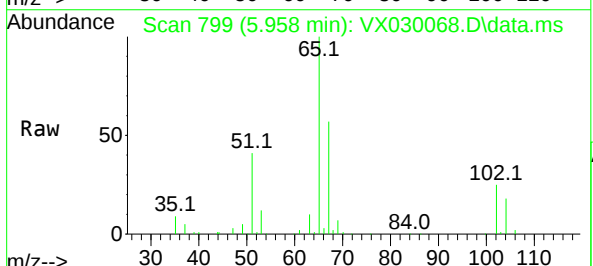


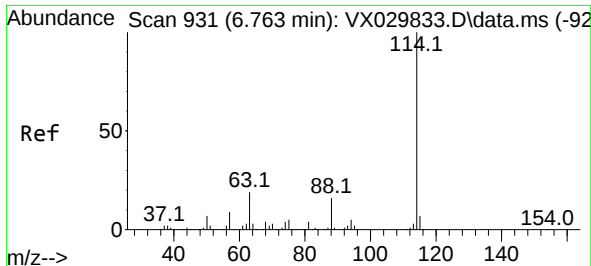
Tgt Ion: 56 Resp: 3608
Ion Ratio Lower Upper
56 100
69 132.0 25.4 38.0#
84 101.6 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 46.621 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 65 Resp: 95267
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

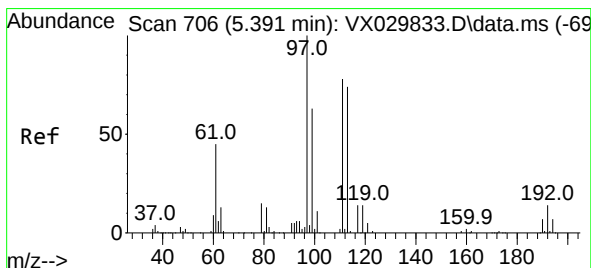
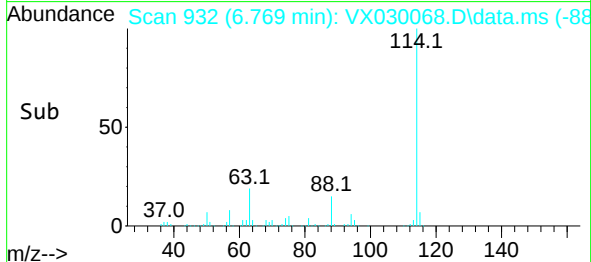
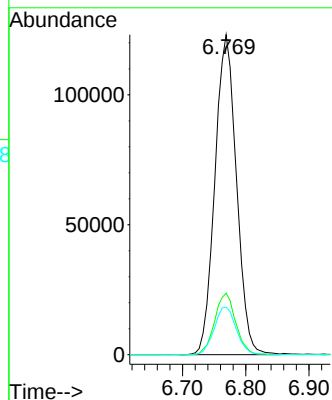
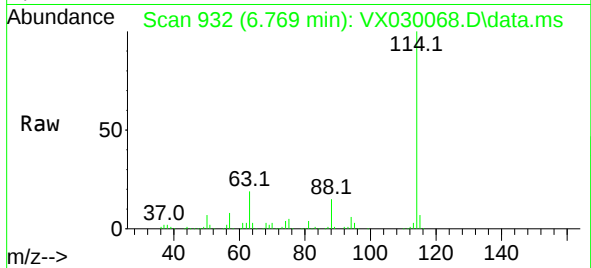




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

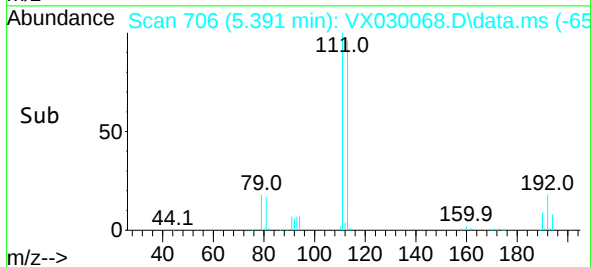
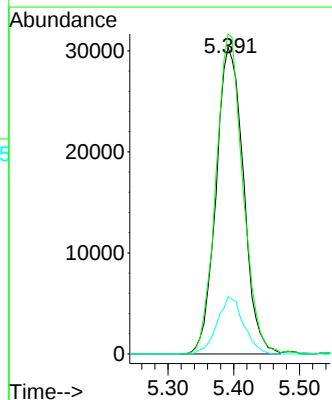
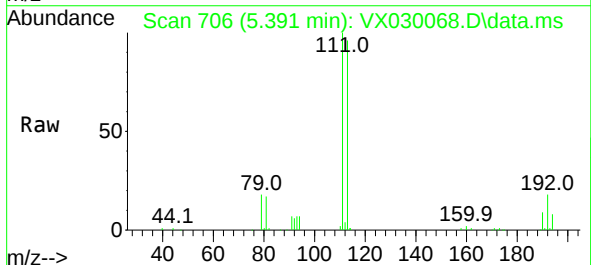
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

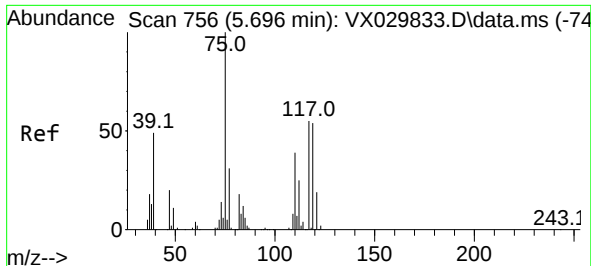
Tgt Ion:114 Resp: 290685
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.373 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion:113 Resp: 87972
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.0 14.8 22.2

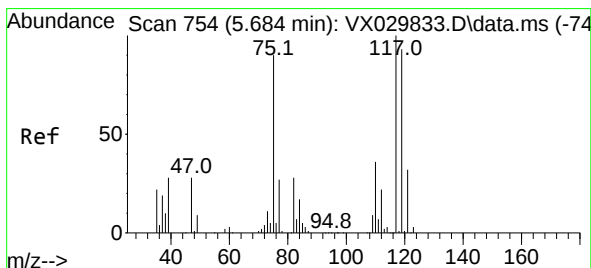
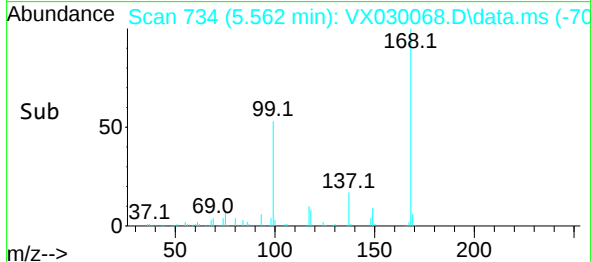
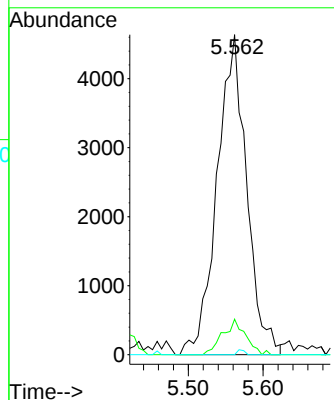
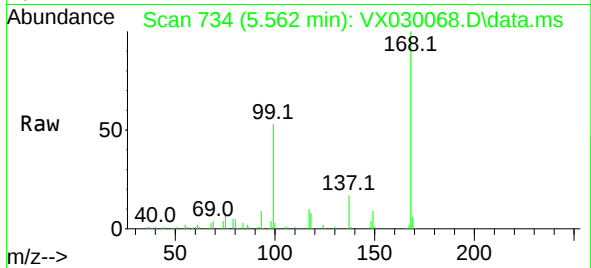




#36
1,1-Dichloropropene
Concen: 5.319 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

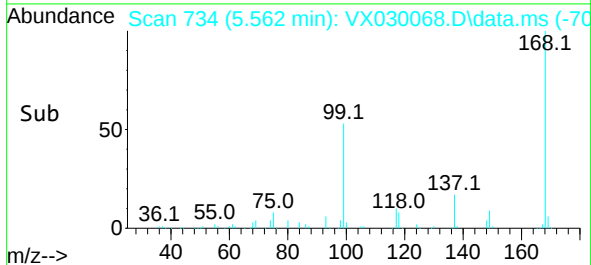
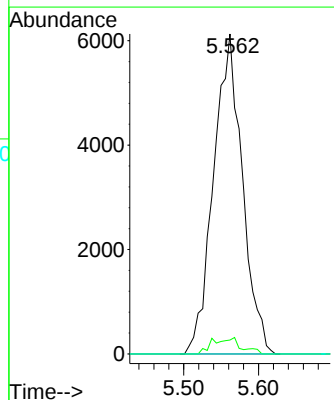
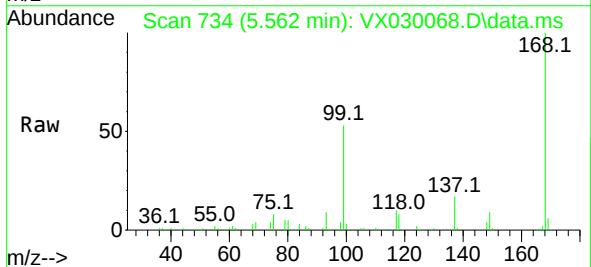
Instrument :
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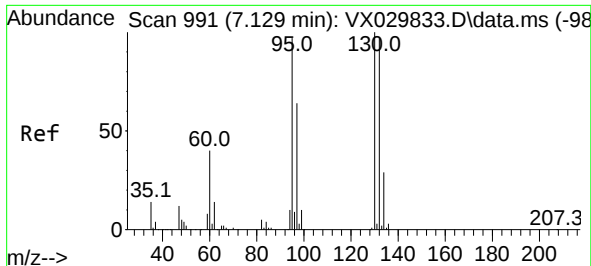
Tgt Ion: 75 Resp: 12759
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.4 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.351 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 117 Resp: 16444
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#

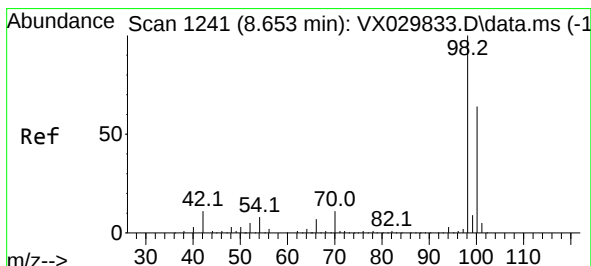
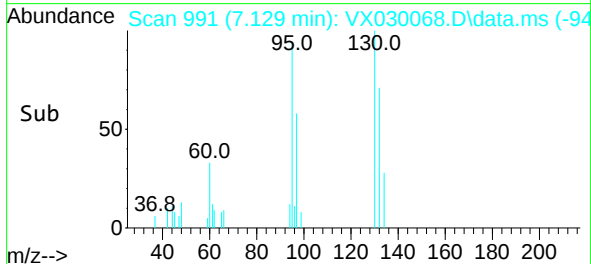
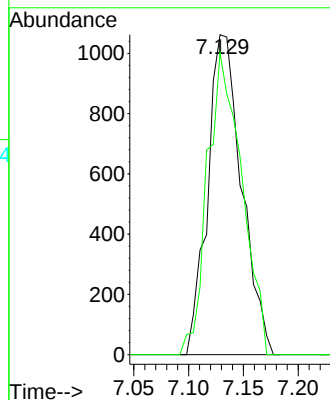
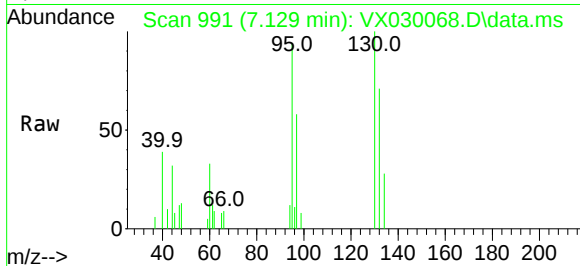




#44
Trichloroethene
Concen: 1.039 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

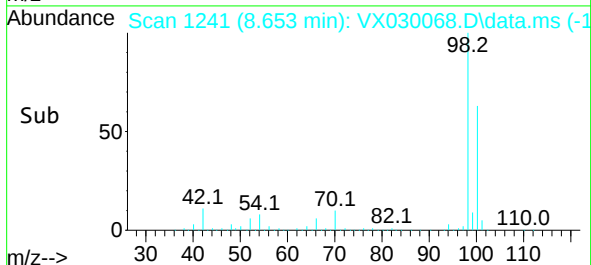
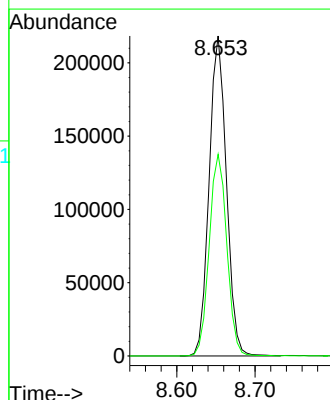
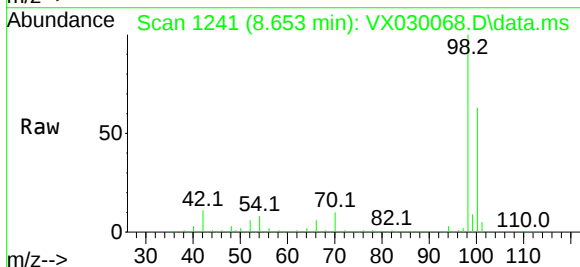
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

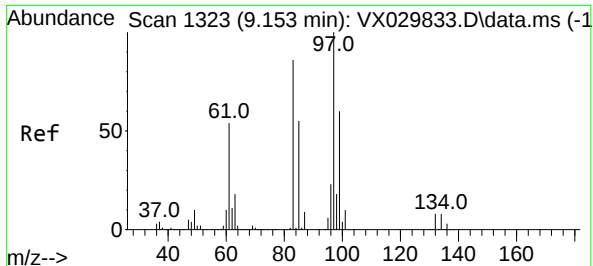
Tgt Ion:130 Resp: 2292
Ion Ratio Lower Upper
130 100
95 94.4 0.0 194.8



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 98 Resp: 334709
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.548 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX030068.D

Acq: 14 Jul 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

SPC-01D-84DL

Tgt Ion: 97 Resp: 1084

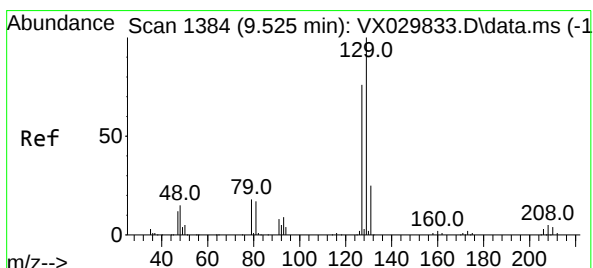
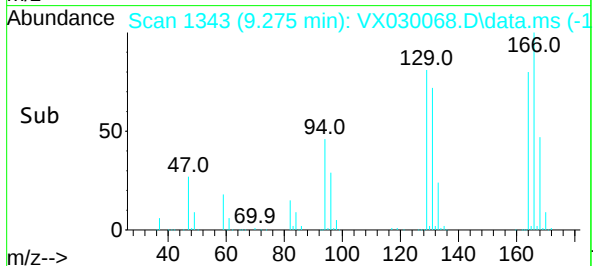
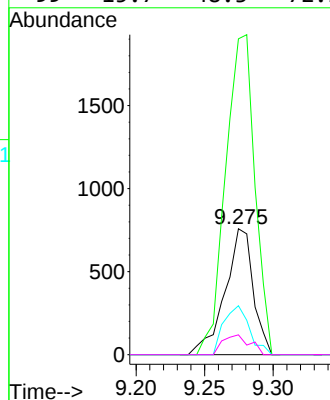
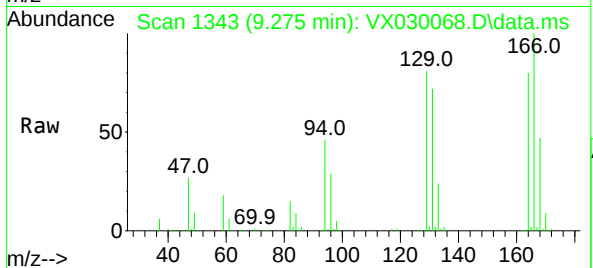
Ion Ratio Lower Upper

97 100

83 250.9 68.9 103.3#

85 38.9 44.0 66.0#

99 15.7 48.3 72.5#



#60

Dibromochloromethane

Concen: 56.102 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030068.D

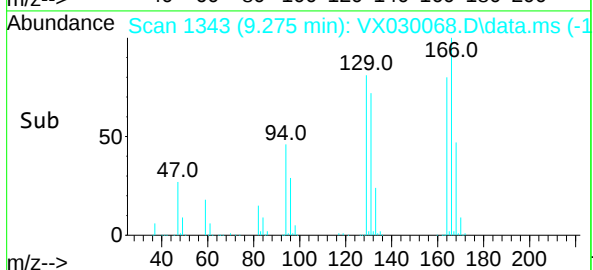
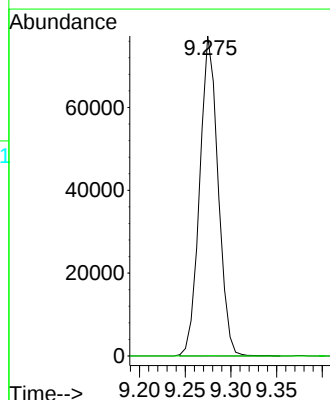
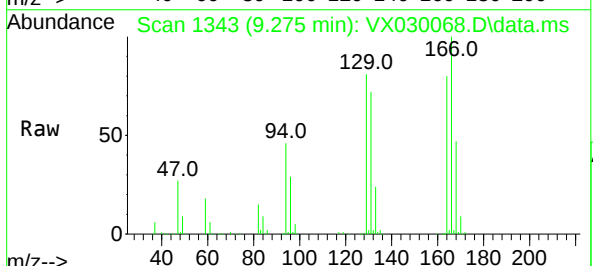
Acq: 14 Jul 2022 18:07

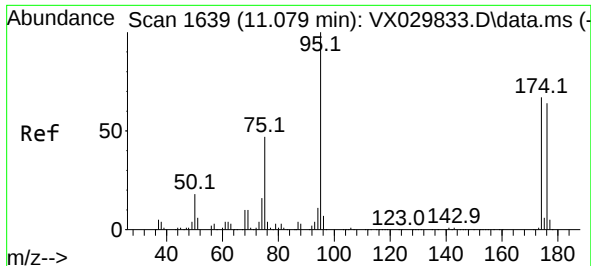
Tgt Ion: 129 Resp: 108055

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

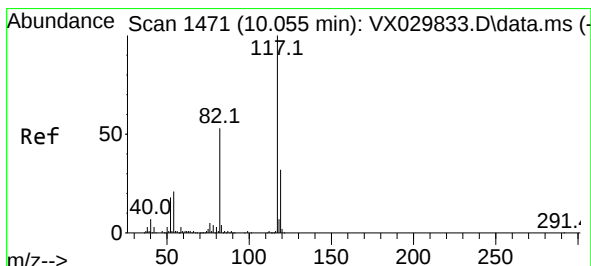
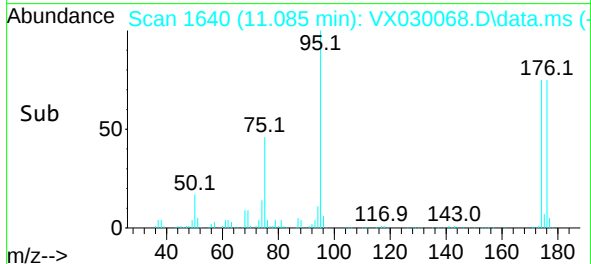
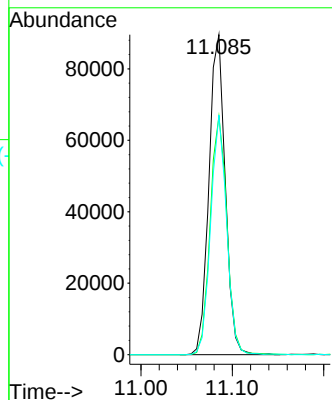
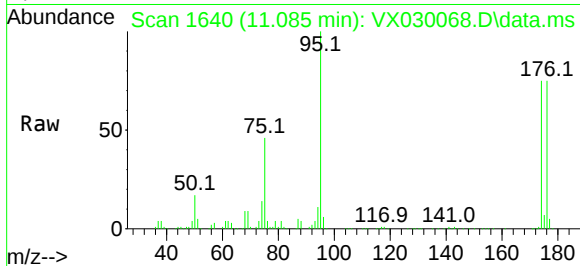




#62
4-Bromofluorobenzene
Concen: 45.722 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

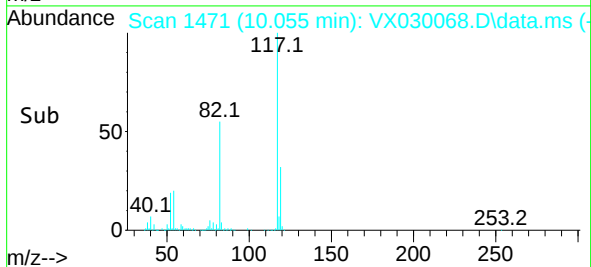
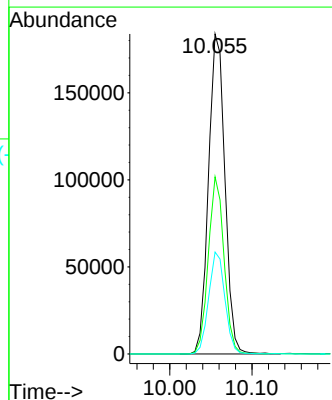
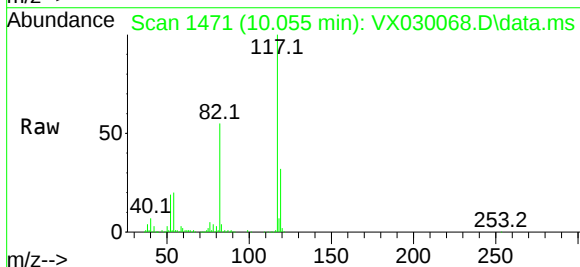
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

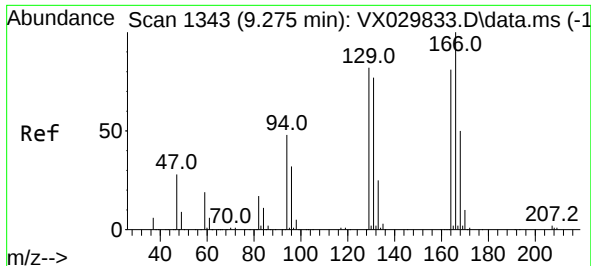
Tgt Ion: 95 Resp: 110816
Ion Ratio Lower Upper
95 100
174 76.3 0.0 149.0
176 73.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 117 Resp: 255009
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 31.8 25.4 38.2

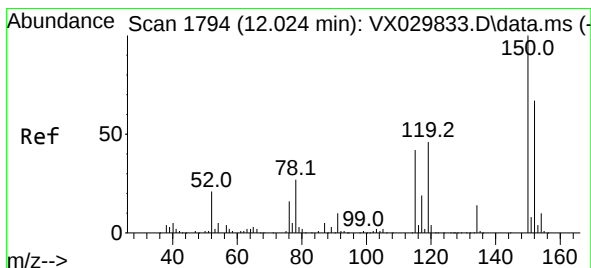
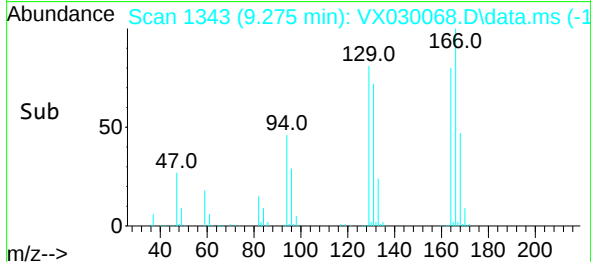
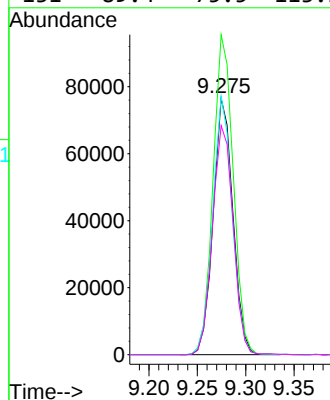
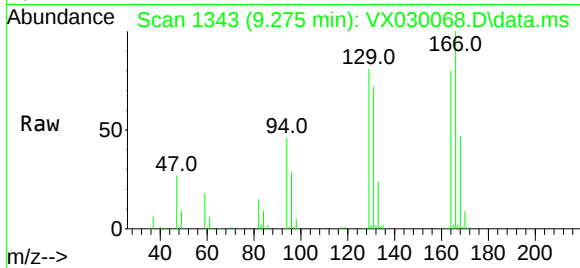




#64
Tetrachloroethene
Concen: 53.087 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

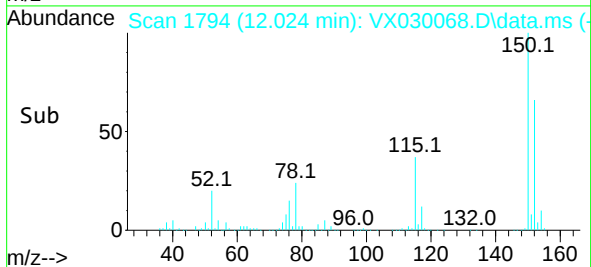
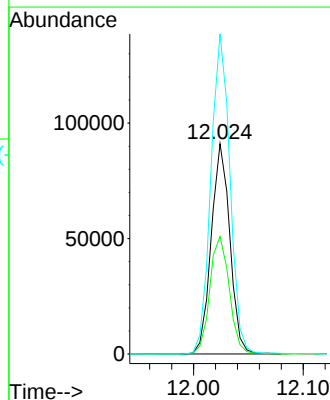
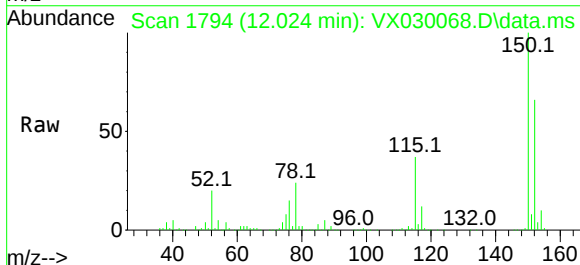
Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

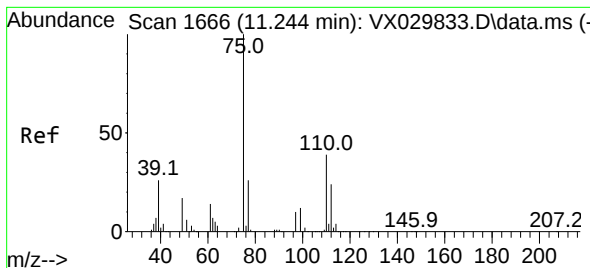
Tgt Ion:164 Resp: 108672
Ion Ratio Lower Upper
164 100
166 124.8 98.2 147.4
129 101.0 80.8 121.2
131 89.4 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion:152 Resp: 107388
Ion Ratio Lower Upper
152 100
115 58.3 40.5 121.5
150 156.3 0.0 347.0

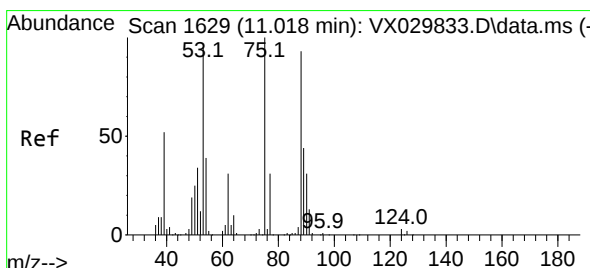
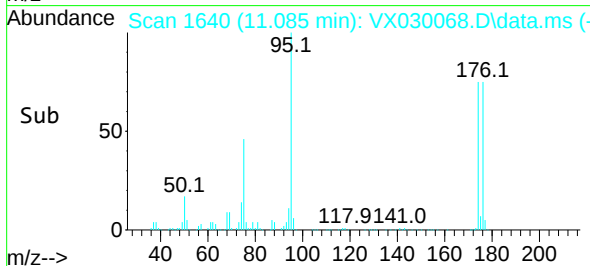
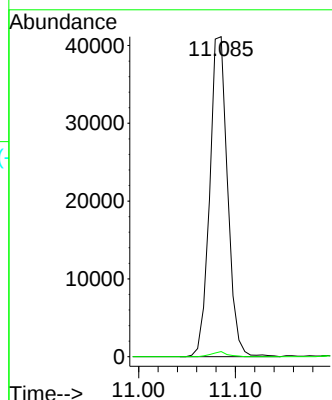
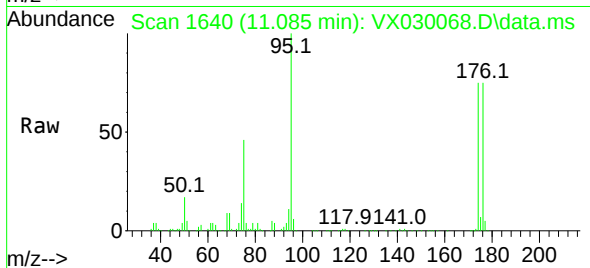




#76
1,2,3-Trichloropropane
Concen: 21.424 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
SPC-01D-84DL

Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.830 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030068.D
Acq: 14 Jul 2022 18:07

Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

