

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030138.D
 Acq On : 20 Jul 2022 17:34
 Operator : JC/MD
 Sample : N3765-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01A-84

Quant Time: Jul 21 03:32:12 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)

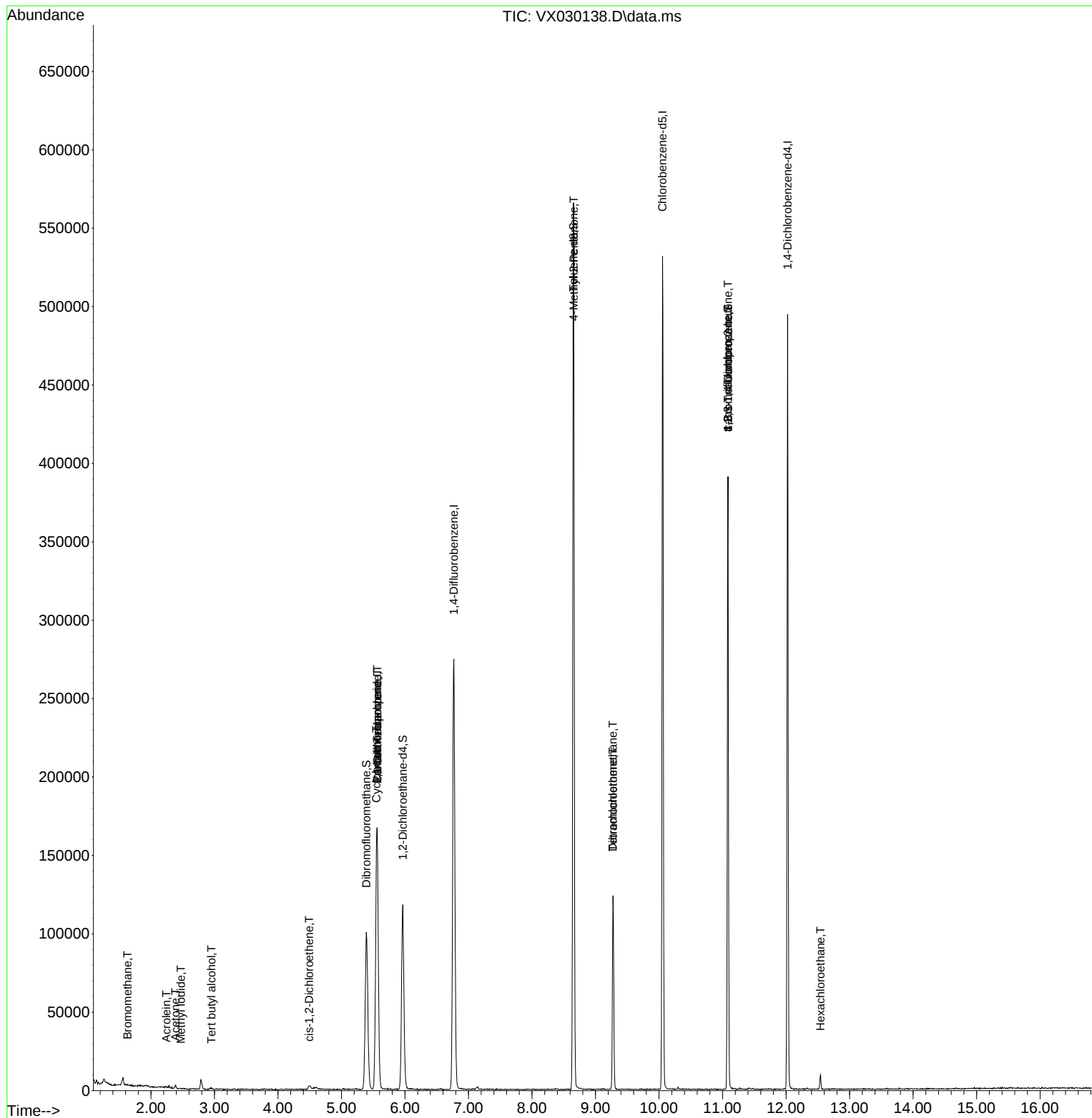
Internal Standards						
1) Pentafluorobenzene	5.562	168	160839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103491	52.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.720%	
35) Dibromofluoromethane	5.391	113	86805	47.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.840%	
50) Toluene-d8	8.653	98	330193	47.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	11.085	95	101293	42.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104	Below Cal	#	42
5) Bromomethane	1.630	94	324	0.410	ug/l #	14
10) Methyl Iodide	2.471	142	362	2.622	ug/l #	63
11) Tert butyl alcohol	2.953	59	729	1.443	ug/l #	74
13) Acrolein	2.239	56	69	0.686	ug/l	90
16) Acetone	2.386	43	1923	2.085	ug/l	88
17) Carbon Disulfide	2.514	76	658	Below Cal	#	89
20) Methylene Chloride	2.788	84	2640	Below Cal	#	80
27) cis-1,2-Dichloroethene	4.489	96	815	0.390	ug/l #	1
31) Cyclohexane	5.550	56	3680	1.297	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	13214	5.589	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16506	7.486	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1819	0.602	ug/l #	1
60) Dibromochloromethane	9.275	129	23027	12.128	ug/l #	11
64) Tetrachloroethene	9.275	164	22422	11.609	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	51378	24.169	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51378	69.751	ug/l #	12
90) Hexachloroethane	12.542	117	1243	1.318	ug/l	81

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

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Quant Time: Jul 21 03:32:12 2022
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QLast Update : Wed Jul 13 09:05:23 2022
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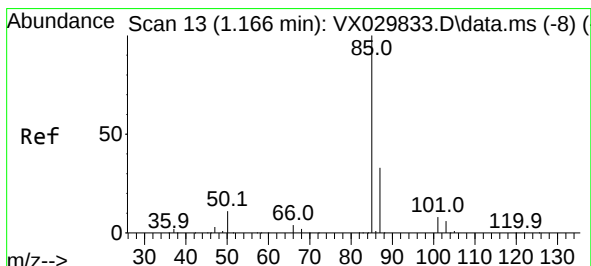
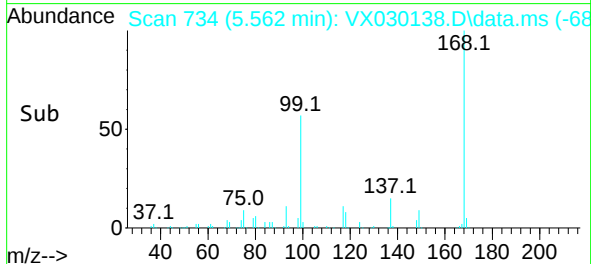
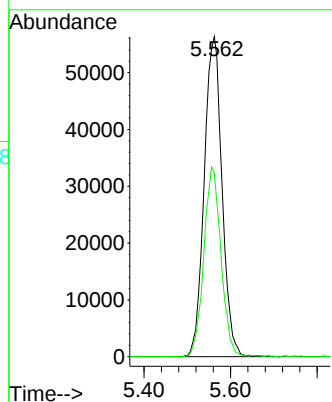
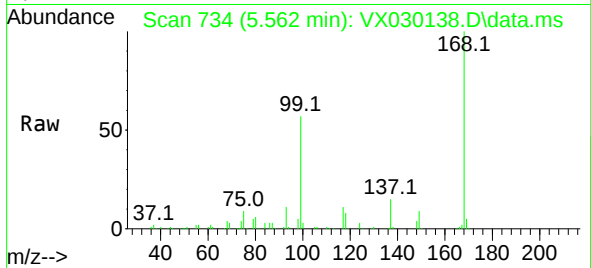




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

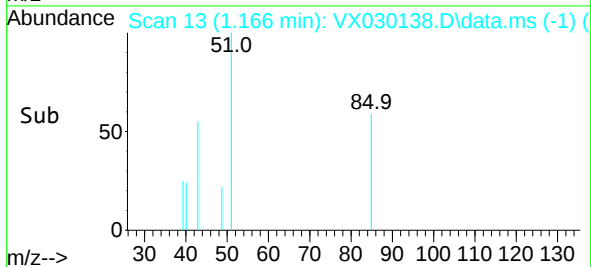
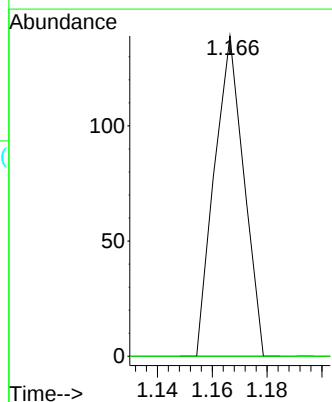
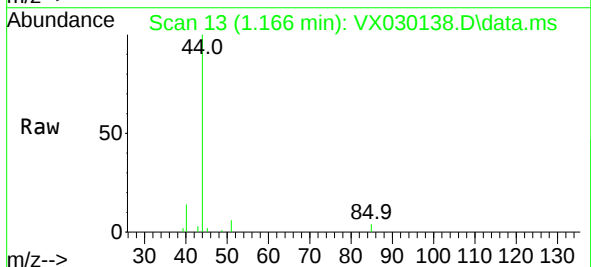
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

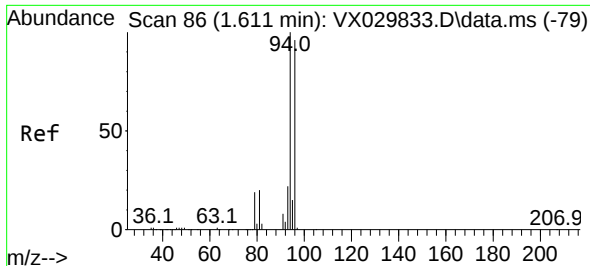
Tgt Ion:168 Resp: 160839
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 85 Resp: 104
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

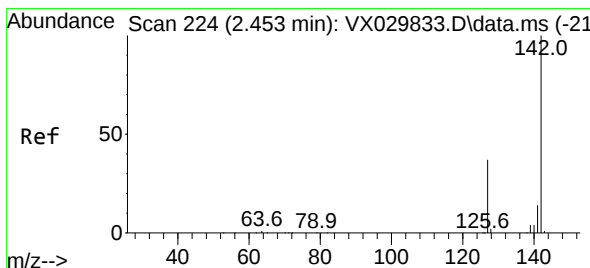
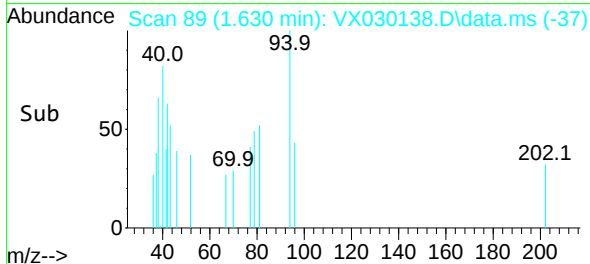
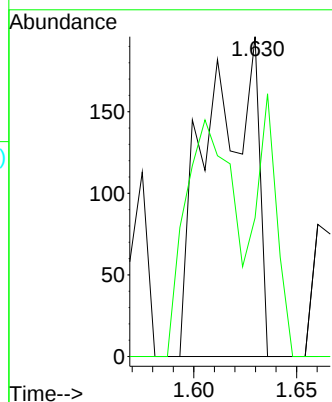
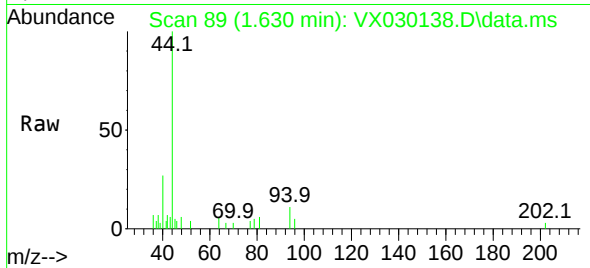




#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.019 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

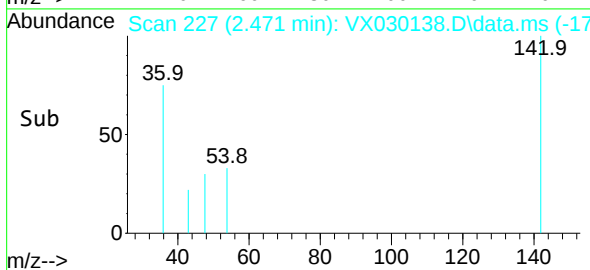
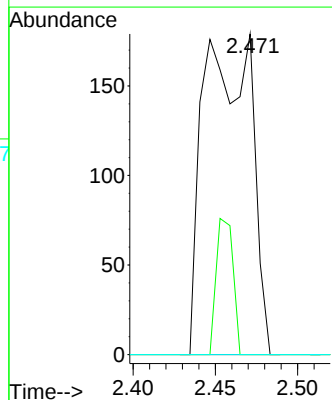
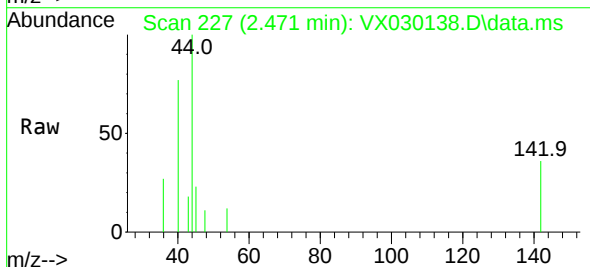
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 12.2 76.9 115.3#



#10
Methyl Iodide
Concen: 2.622 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 142 Resp: 362
Ion Ratio Lower Upper
142 100
127 14.9 30.2 45.2#
141 0.0 11.3 16.9#

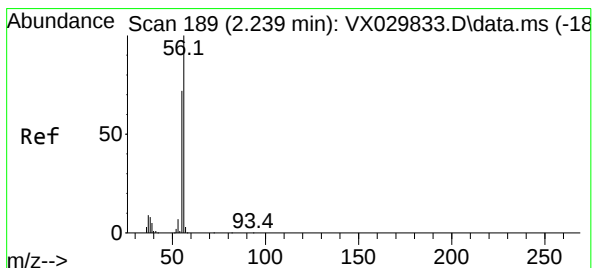
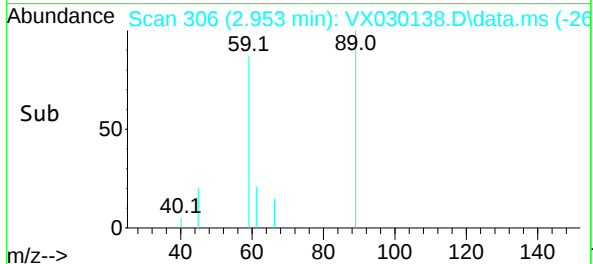
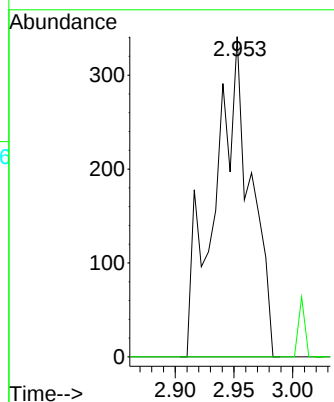
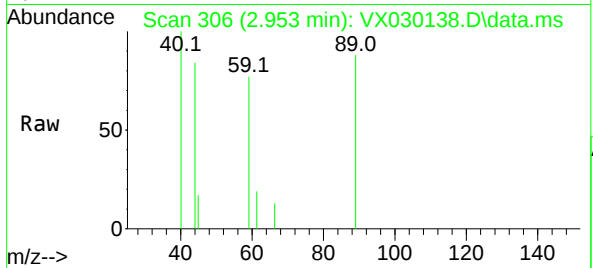




#11
Tert butyl alcohol
Concen: 1.443 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

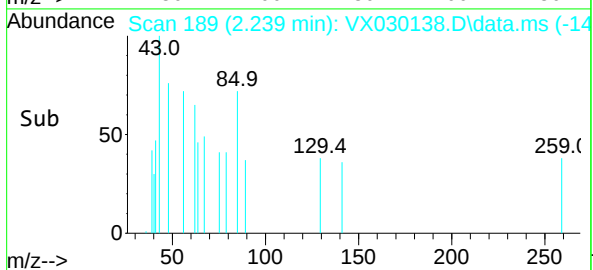
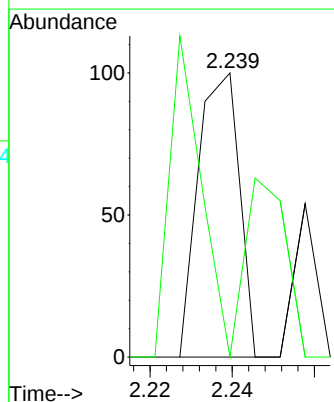
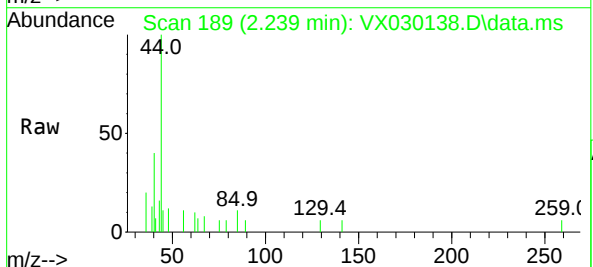
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

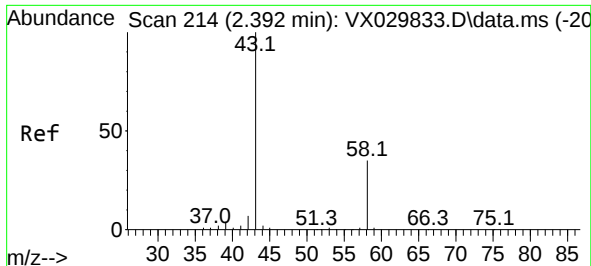
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.686 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 62.3 56.6 84.8

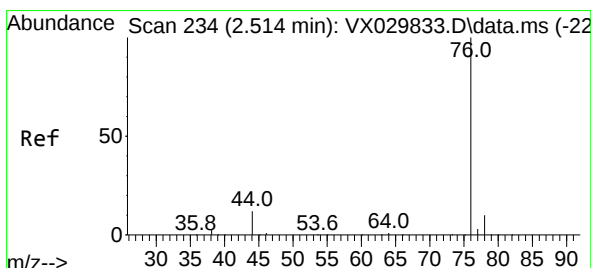
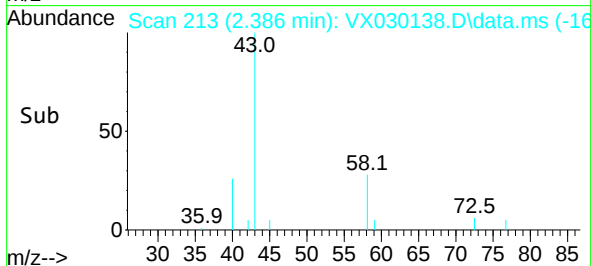
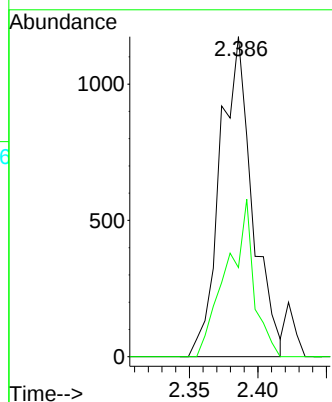
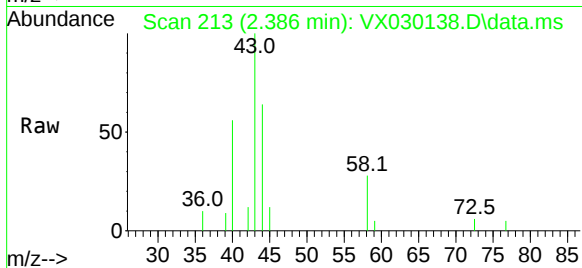




#16
Acetone
Concen: 2.085 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

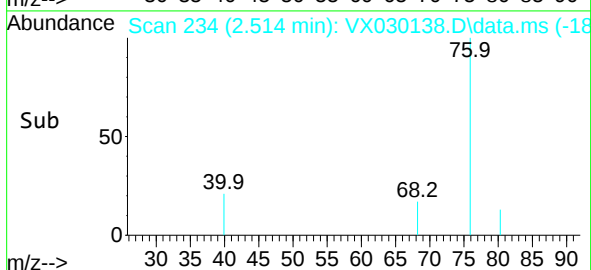
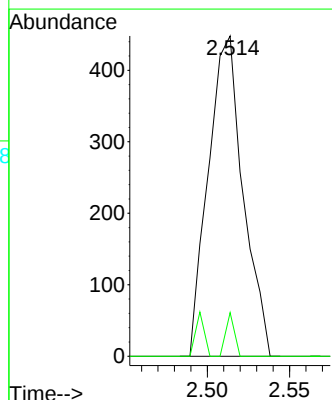
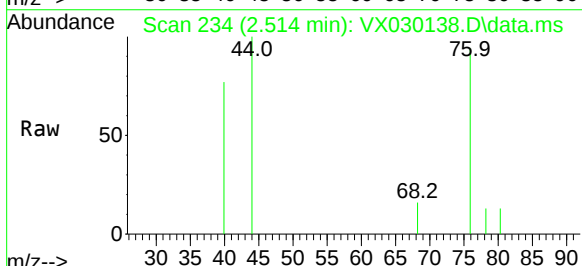
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

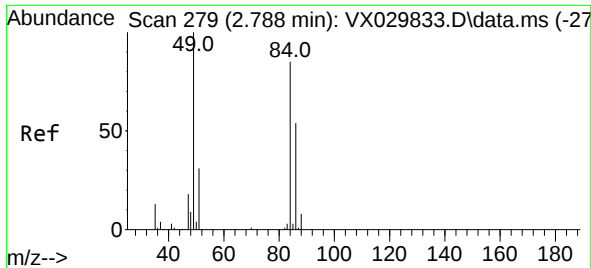
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
58 27.9 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 76 Resp: 658
Ion Ratio Lower Upper
76 100
78 13.6 7.8 11.6#

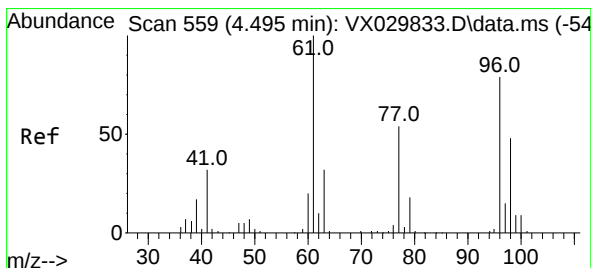
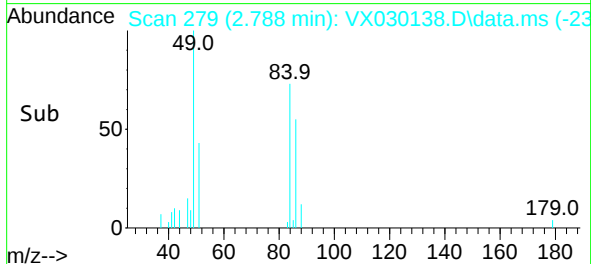
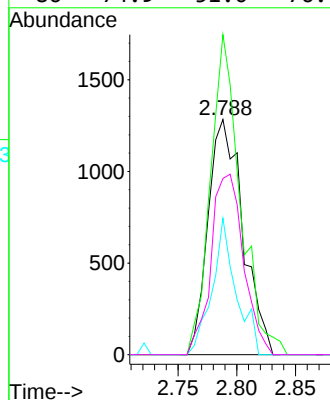
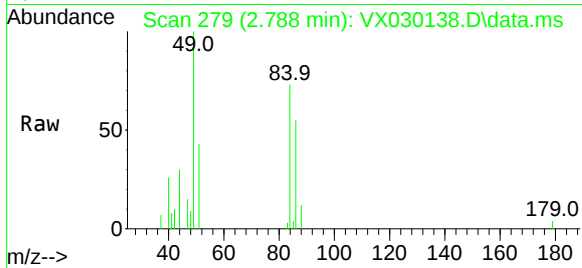




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

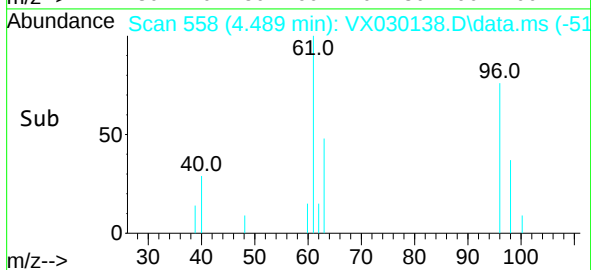
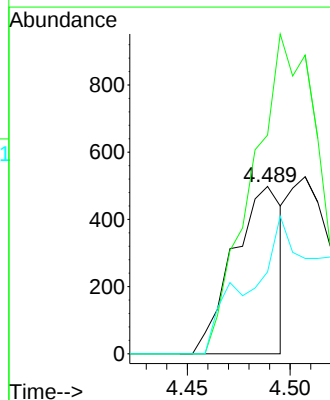
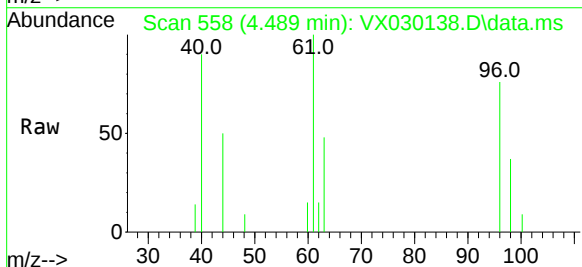
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MSVOA_X
ClientSampleId :
SPC-01A-84

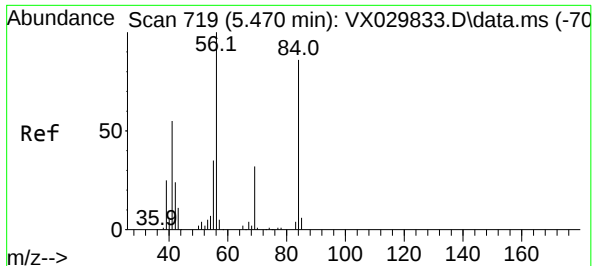
Tgt Ion:	84	Resp:	2640
Ion	Ratio	Lower	Upper
84	100		
49	136.1	93.8	140.6
51	58.1	29.4	44.0#
86	74.9	51.0	76.4



#27
cis-1,2-Dichloroethene
Concen: 0.390 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

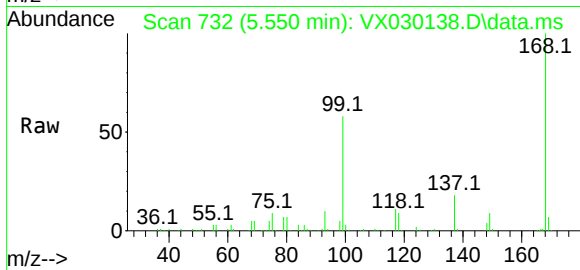
Tgt Ion:	96	Resp:	815
Ion	Ratio	Lower	Upper
96	100		
61	295.5	0.0	270.0#
98	124.5	0.0	127.8



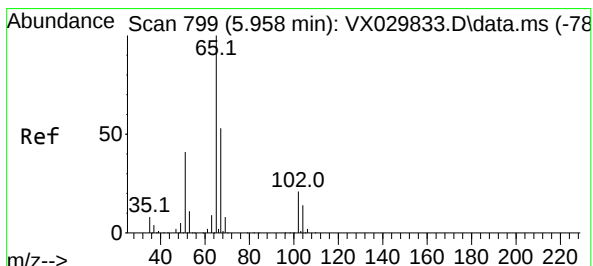
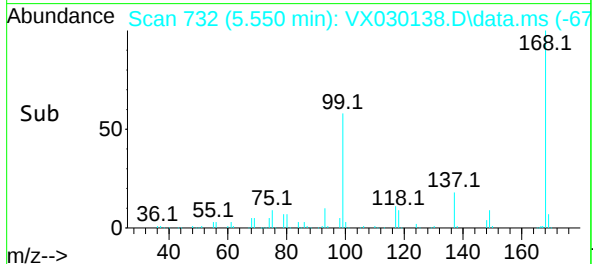
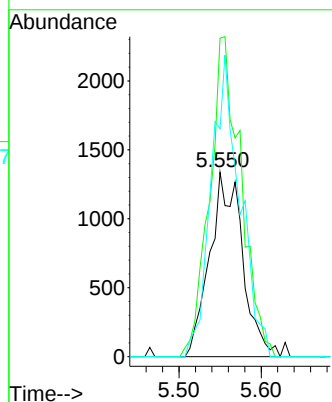


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Instrument :
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ClientSampleId :
SPC-01A-84

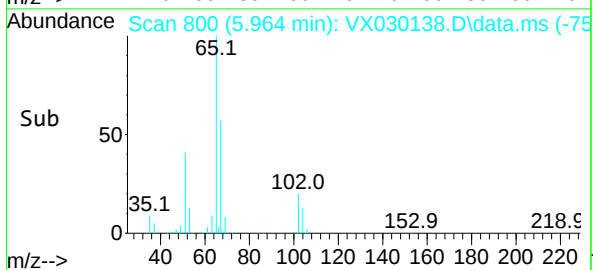
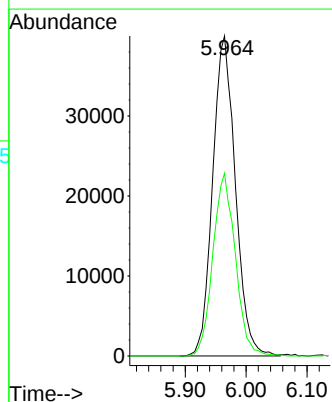
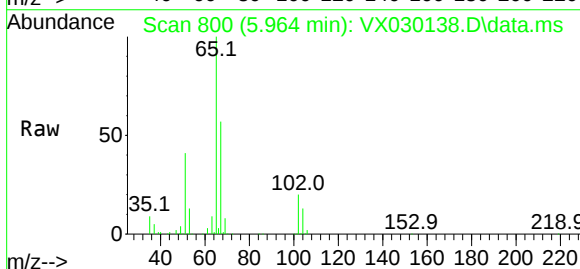


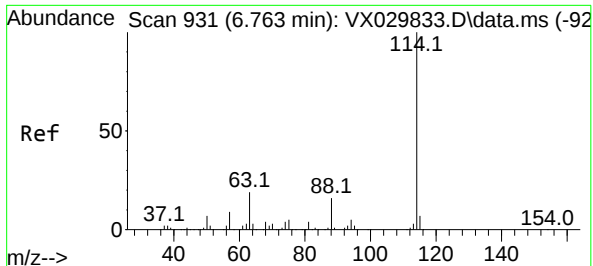
Tgt Ion: 56 Resp: 3680
Ion Ratio Lower Upper
56 100
69 172.8 25.4 38.0#
84 123.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.863 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 65 Resp: 103491
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6

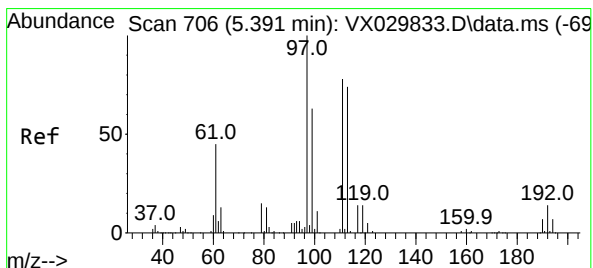
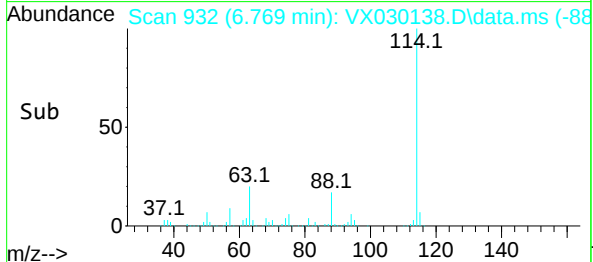
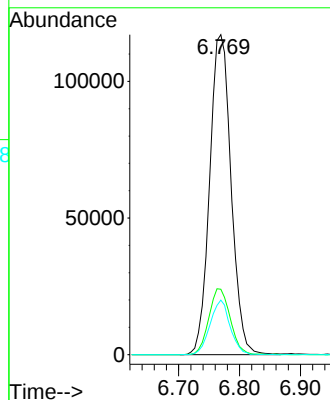
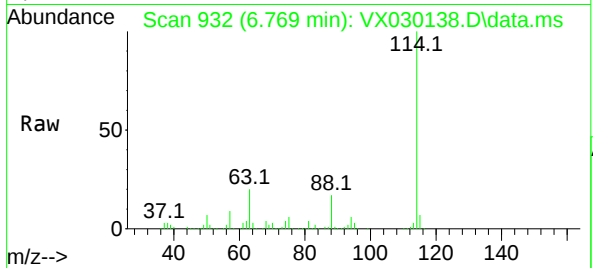




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

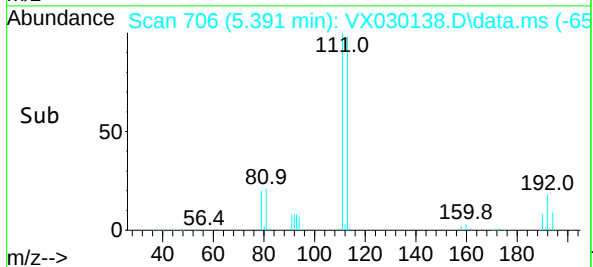
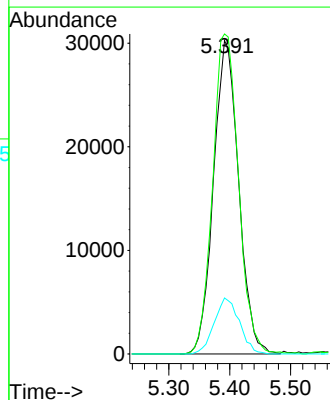
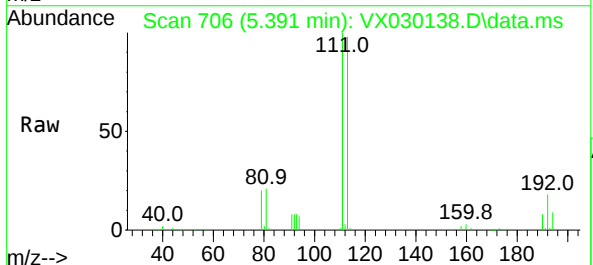
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

Tgt Ion:114 Resp: 286545
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.4
88 17.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.420 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion:113 Resp: 86805
Ion Ratio Lower Upper
113 100
111 104.8 83.2 124.8
192 17.9 14.8 22.2

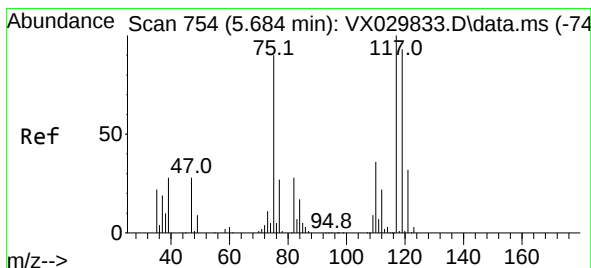
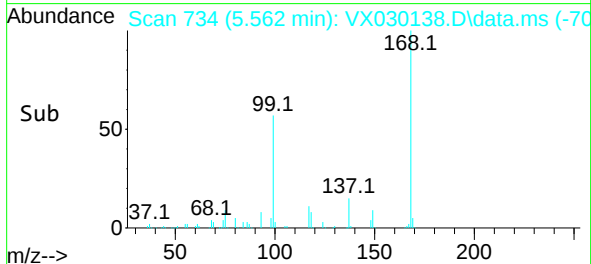
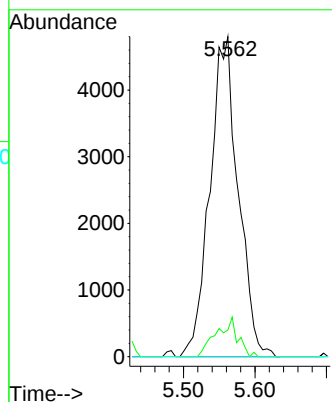
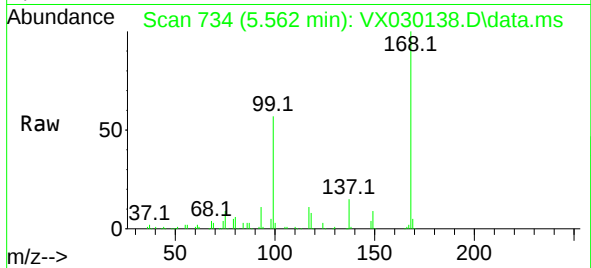




#36
1,1-Dichloropropene
Concen: 5.589 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

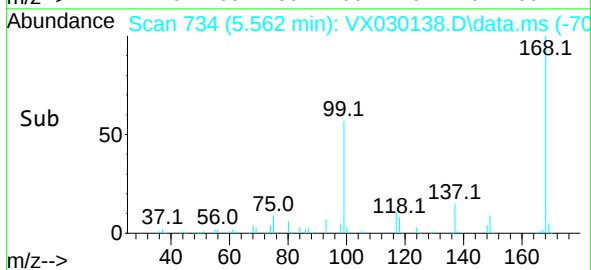
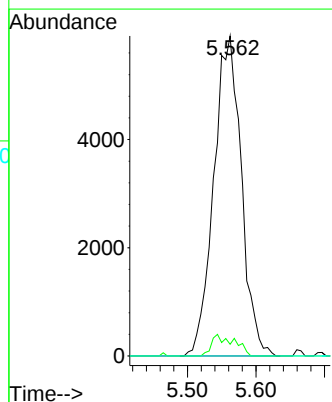
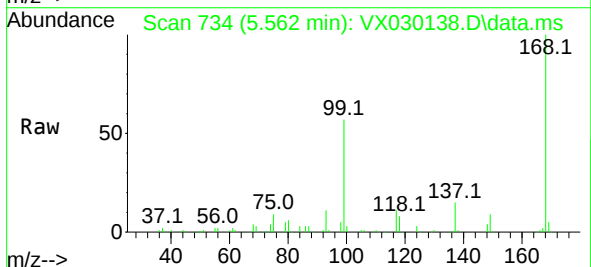
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

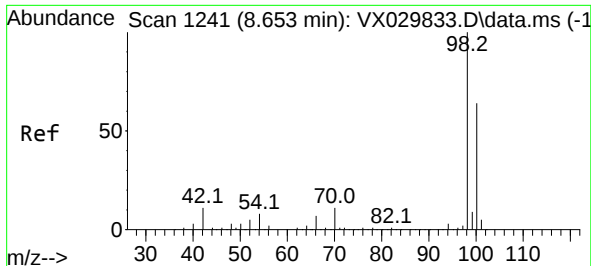
Tgt Ion: 75 Resp: 13214
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.486 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 117 Resp: 16506
Ion Ratio Lower Upper
117 100
119 3.7 74.1 111.1#
121 0.0 25.8 38.8#

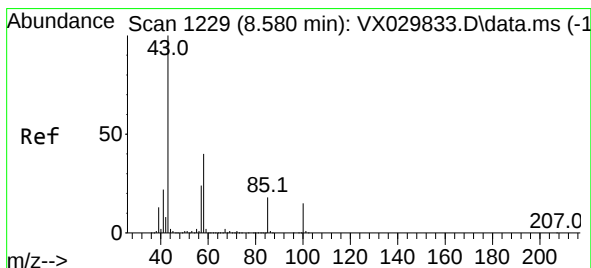
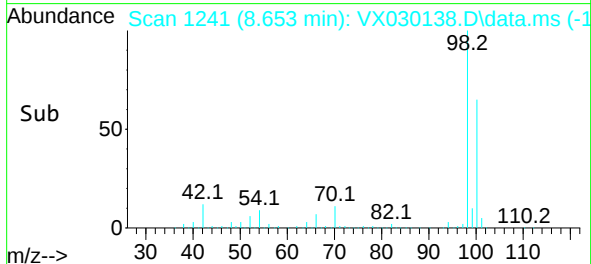
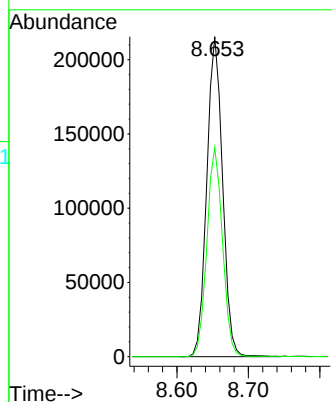
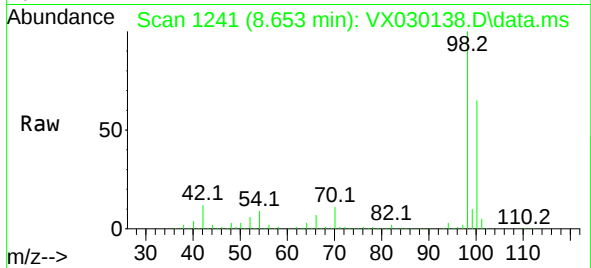




#50
Toluene-d8
Concen: 47.961 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

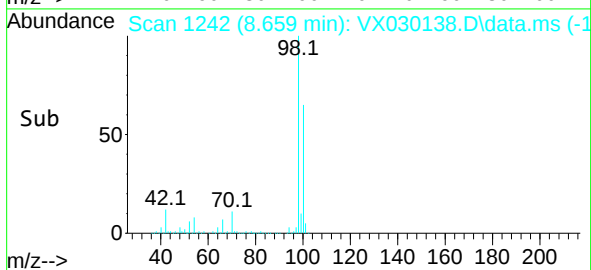
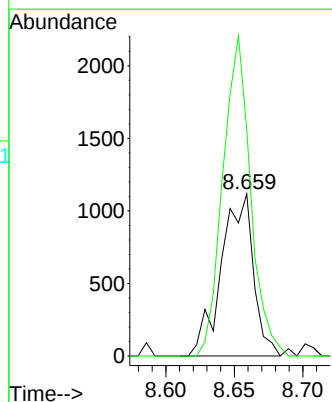
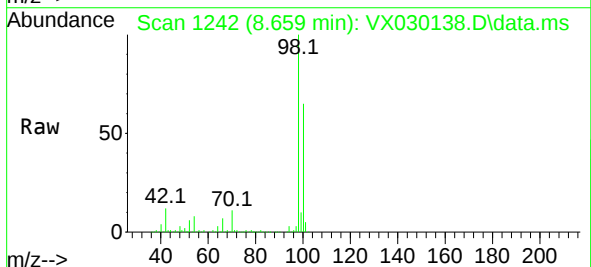
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

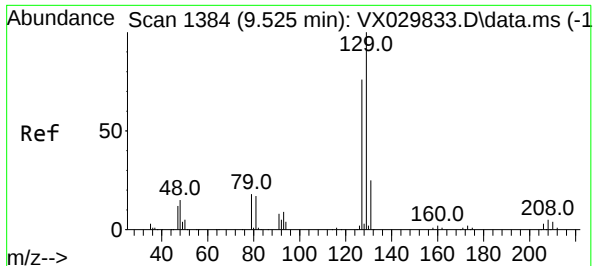
Tgt Ion: 98 Resp: 330193
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 170.5 31.4 47.2#

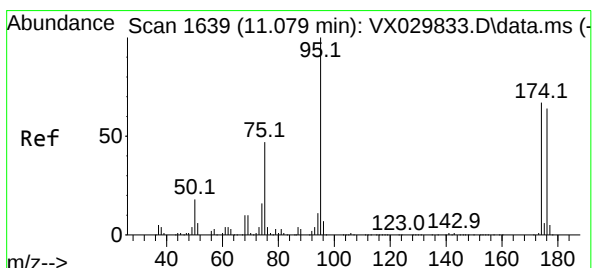
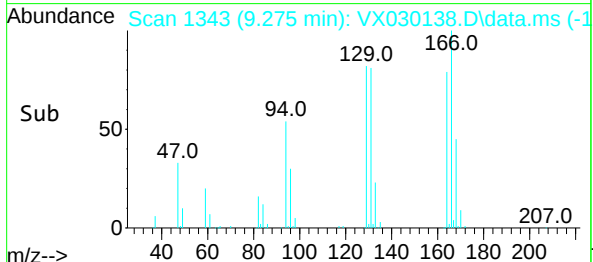
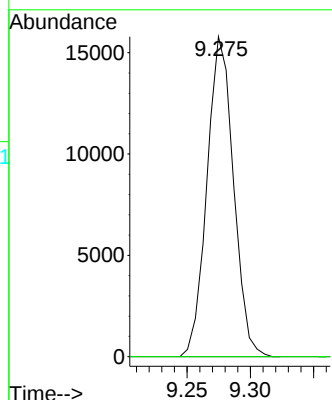
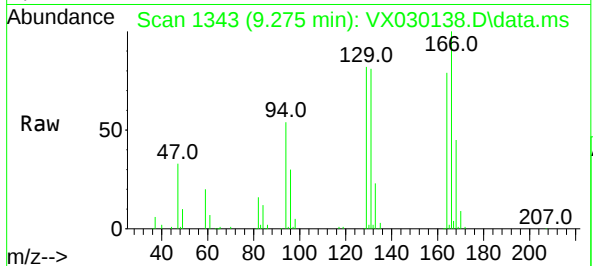




#60
Dibromochloromethane
Concen: 12.128 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

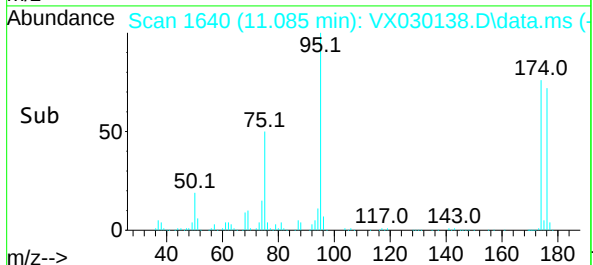
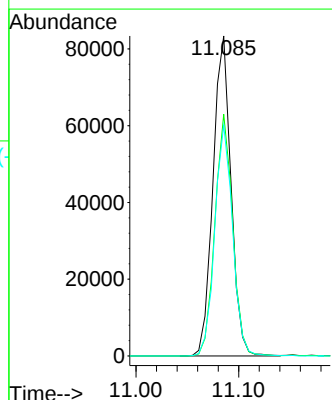
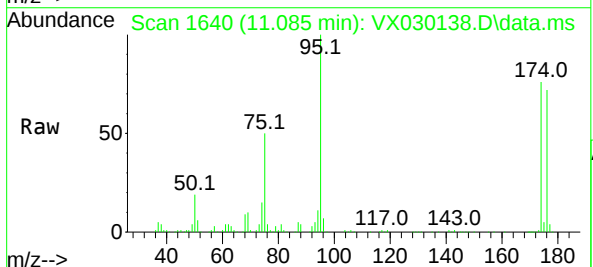
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

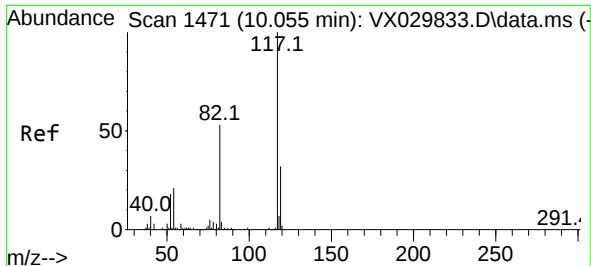
Tgt Ion:129 Resp: 23027
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 42.397 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 95 Resp: 101293
Ion Ratio Lower Upper
95 100
174 74.3 0.0 149.0
176 71.6 0.0 146.0

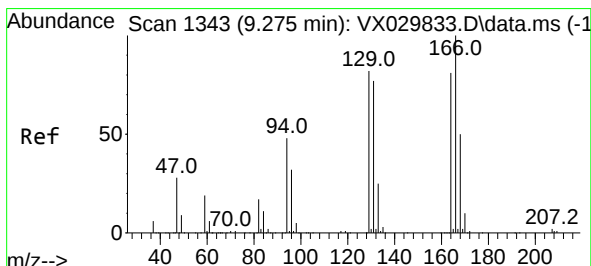
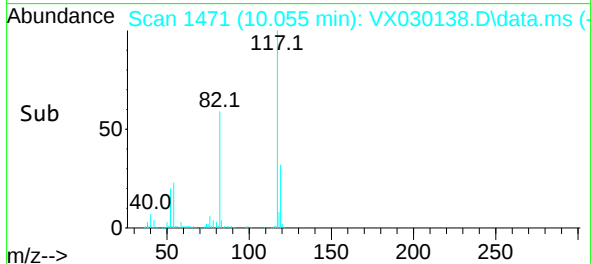
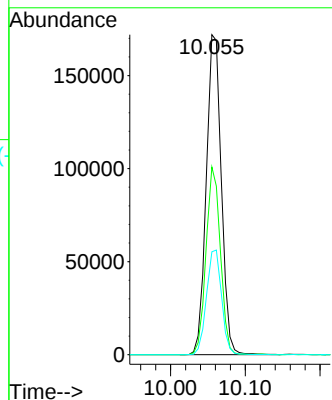
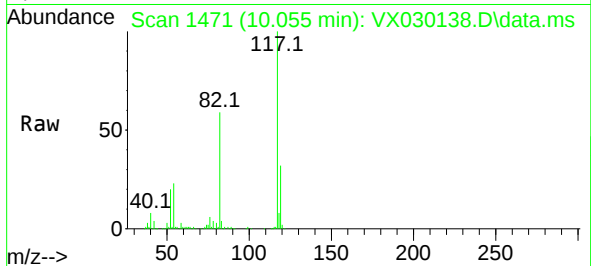




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

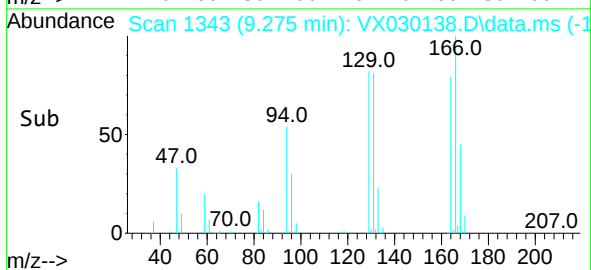
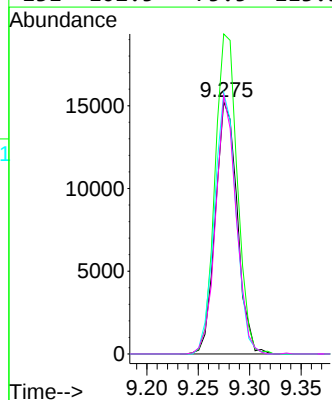
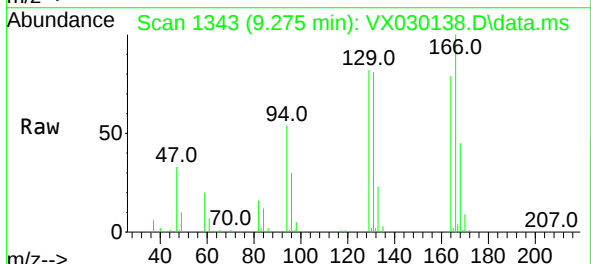
Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

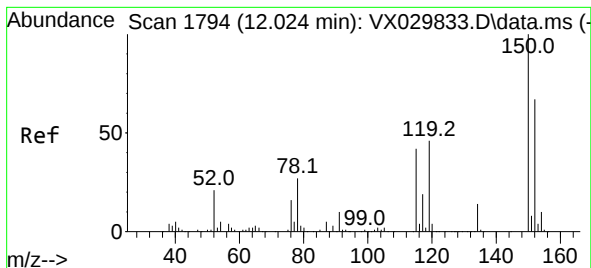
Tgt Ion:117 Resp: 240608
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 11.609 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion:164 Resp: 22422
Ion Ratio Lower Upper
164 100
166 126.9 98.2 147.4
129 103.6 80.8 121.2
131 102.5 75.5 113.3

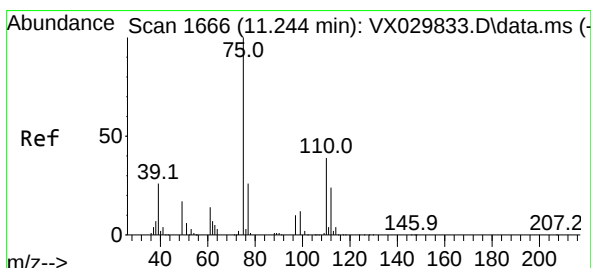
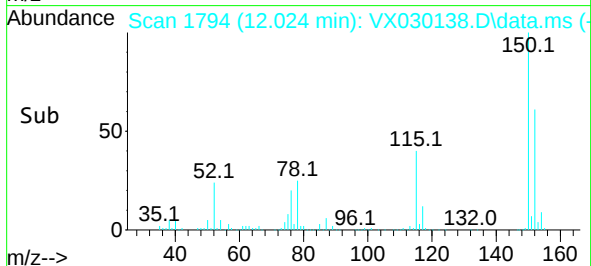
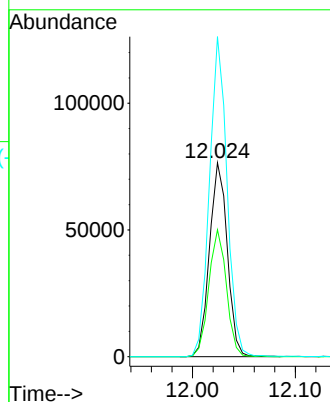
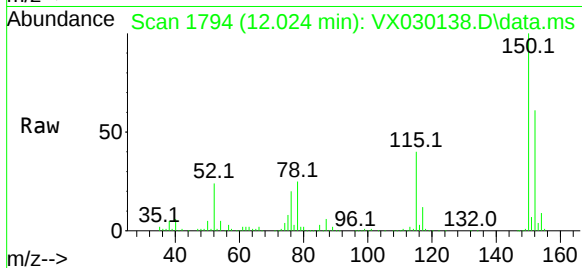




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030138.D
 Acq: 20 Jul 2022 17:34

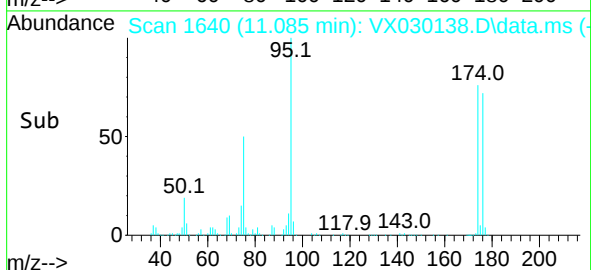
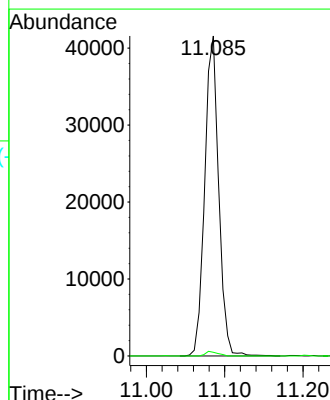
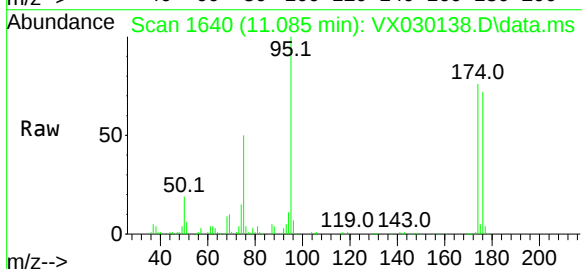
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01A-84

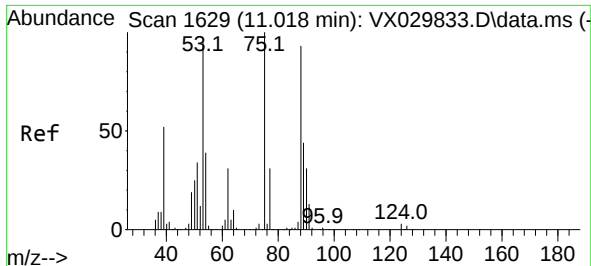
Tgt Ion:152 Resp: 92457
 Ion Ratio Lower Upper
 152 100
 115 64.6 40.5 121.5
 150 162.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.169 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030138.D
 Acq: 20 Jul 2022 17:34

Tgt Ion: 75 Resp: 51378
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

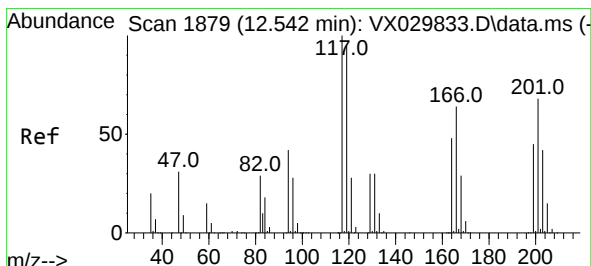
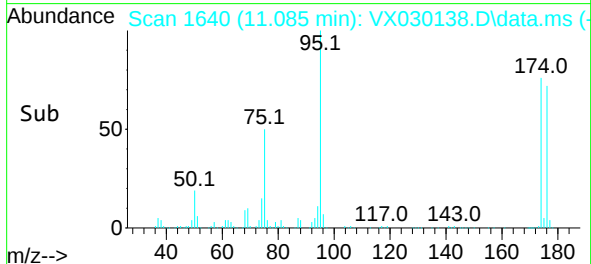
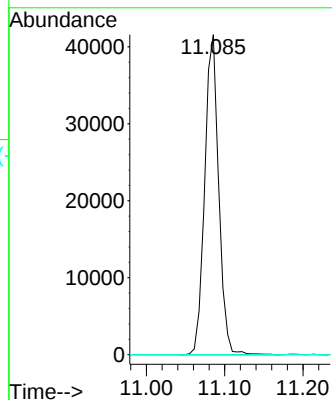
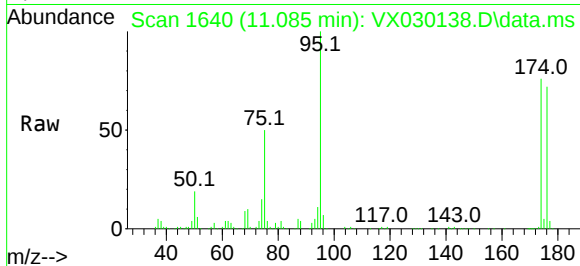




#81
trans-1,4-Dichloro-2-butene
Concen: 69.751 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
SPC-01A-84

Tgt Ion: 75 Resp: 51378
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 1.318 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030138.D
Acq: 20 Jul 2022 17:34

Tgt Ion: 117 Resp: 1243
Ion Ratio Lower Upper
117 100
201 53.1 34.2 102.5

