

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029209.D
 Acq On : 03 Jun 2022 23:01
 Operator : JC/MD
 Sample : VX0603WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBL02

Quant Time: Jun 06 02:38:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

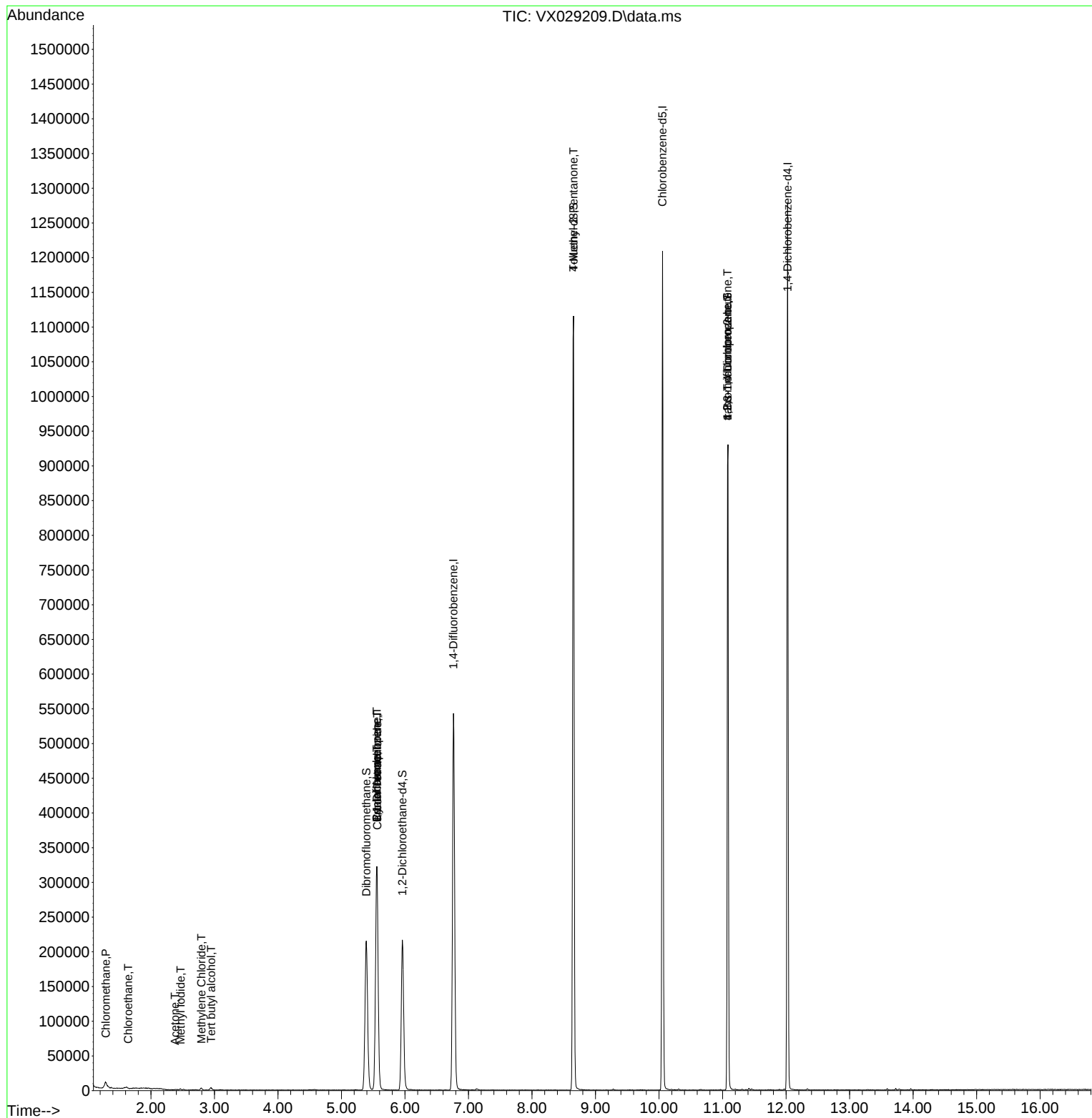
Internal Standards						
1) Pentafluorobenzene	5.556	168	305346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	573552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	558811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203086	58.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.960%			
35) Dibromofluoromethane	5.391	113	190420	49.983	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.960%			
50) Toluene-d8	8.653	98	684762	49.145	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.280%			
62) 4-Bromofluorobenzene	11.079	95	265194	49.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.480%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	913	0.329	ug/l #	75
5) Bromomethane	1.611	94	1121	Below Cal		98
6) Chloroethane	1.642	64	273	1.504	ug/l	91
10) Methyl Iodide	2.465	142	1419	4.603	ug/l	99
11) Tert butyl alcohol	2.946	59	2170	2.721	ug/l #	72
16) Acetone	2.379	43	1031	0.760	ug/l	92
20) Methylene Chloride	2.794	84	1301	0.412	ug/l #	91
31) Cyclohexane	5.556	56	5890	1.316	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23448	4.783	ug/l #	50
38) Carbon Tetrachloride	5.562	117	31993	5.711	ug/l #	15
44) Trichloroethene	7.128	130	825	Below Cal		88
51) 4-Methyl-2-Pentanone	8.653	43	2404	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	128903	24.757	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128903	72.632	ug/l #	15
94) Hexachlorobutadiene	13.725	225	309	Below Cal		77

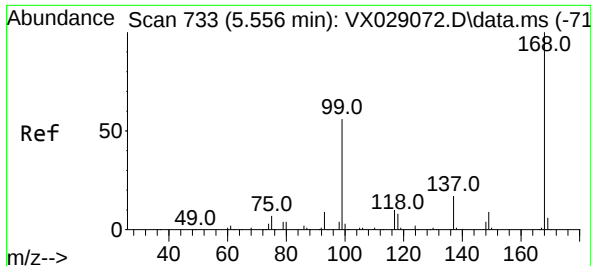
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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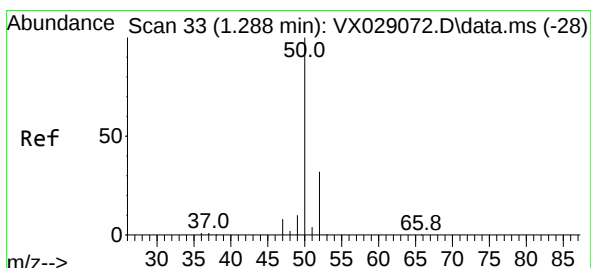
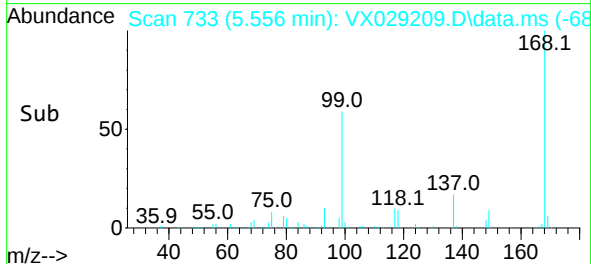
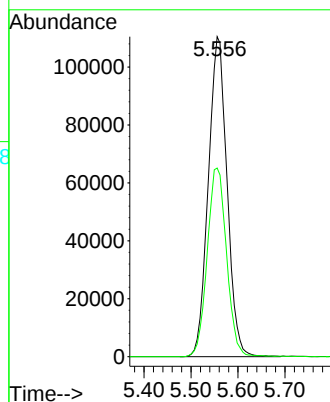
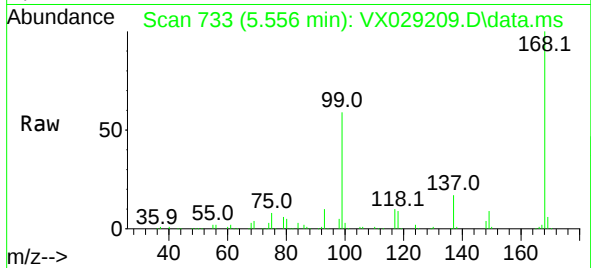




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

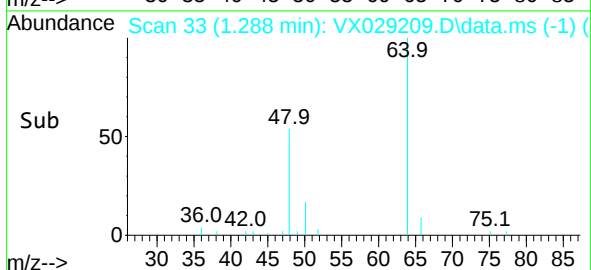
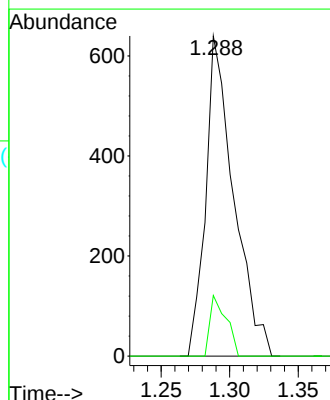
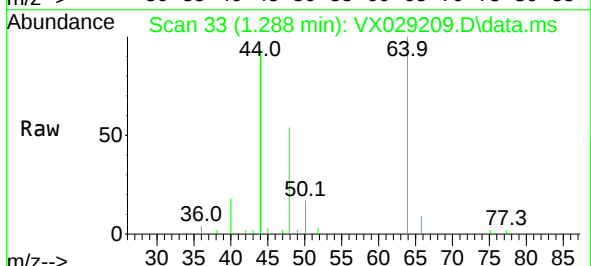
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

Tgt Ion:168 Resp: 305346
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#3
Chloromethane
Concen: 0.329 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 18.9 26.4 39.6#

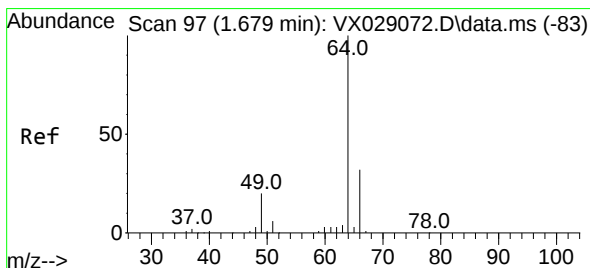
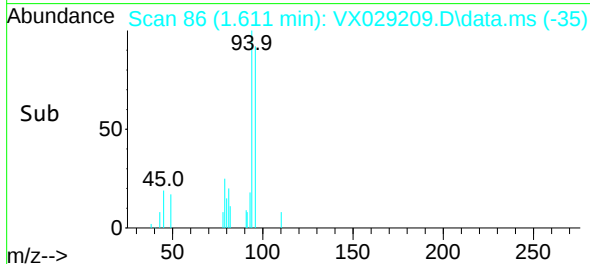
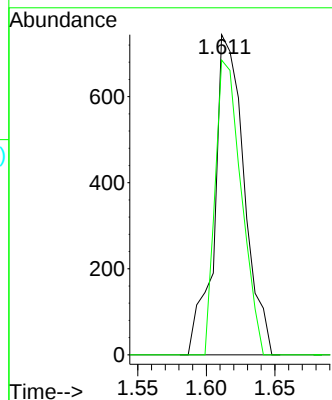
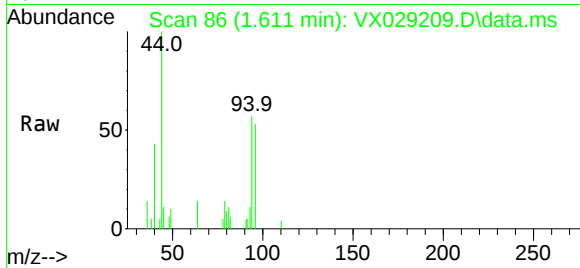




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

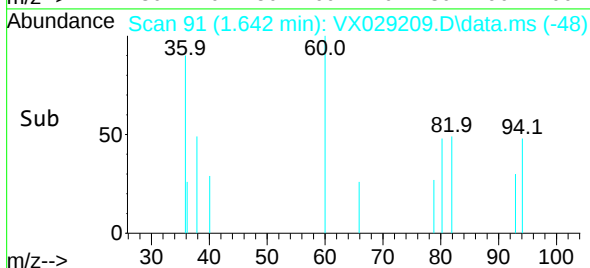
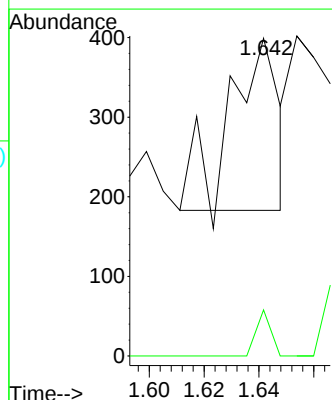
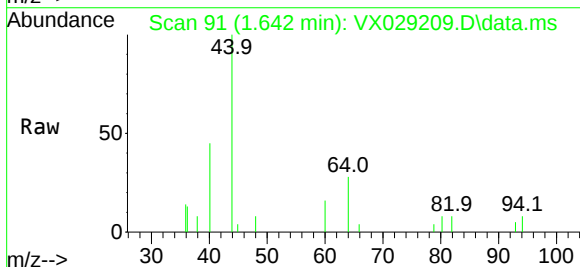
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

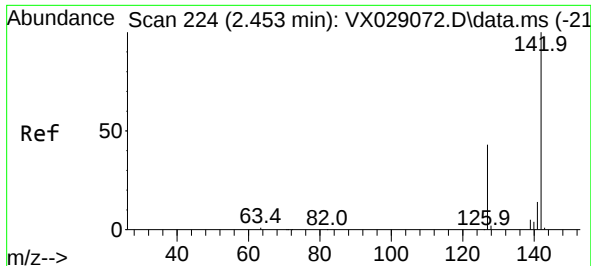
Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 92.1 75.3 112.9



#6
Chloroethane
Concen: 1.504 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

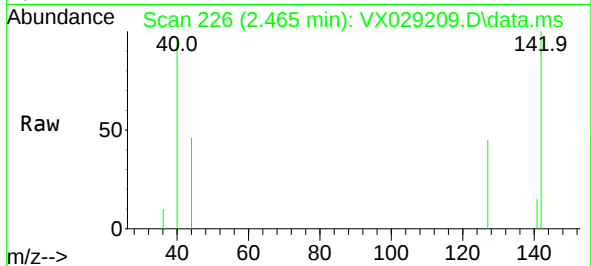
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 26.9 25.3 37.9



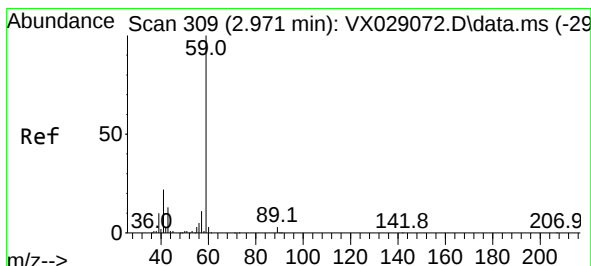
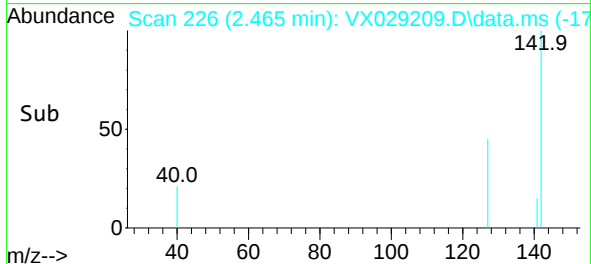
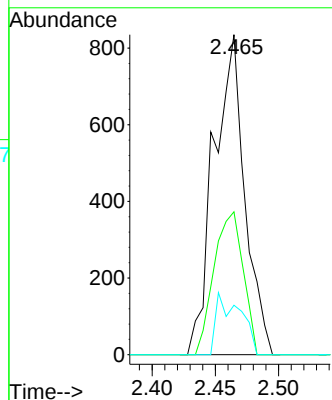


#10
Methyl Iodide
Concen: 4.603 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

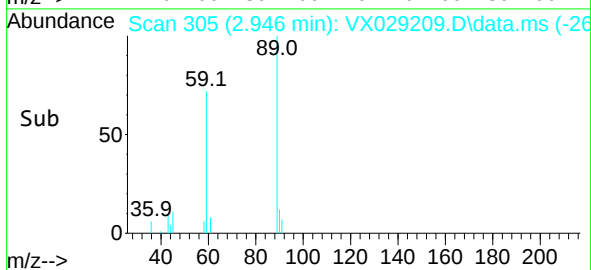
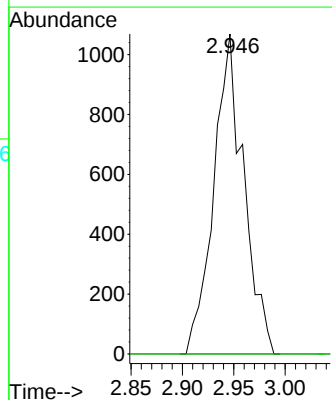
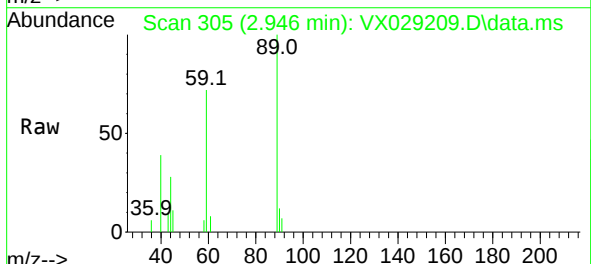


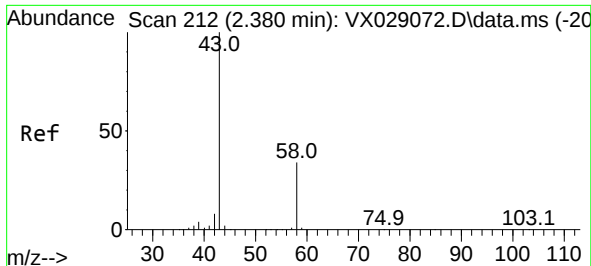
Tgt Ion:142 Resp: 1419
Ion Ratio Lower Upper
142 100
127 42.1 33.9 50.9
141 15.2 11.4 17.2



#11
Tert butyl alcohol
Concen: 2.721 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 59 Resp: 2170
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

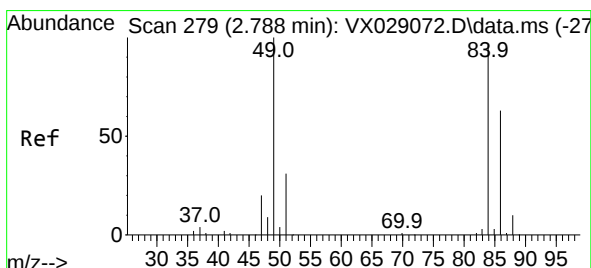
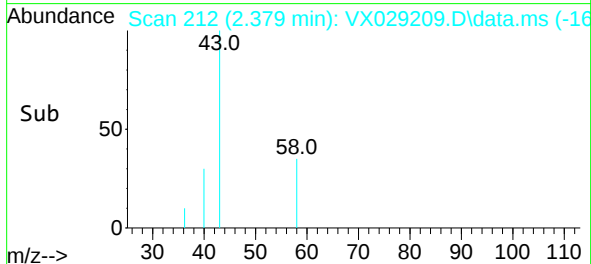
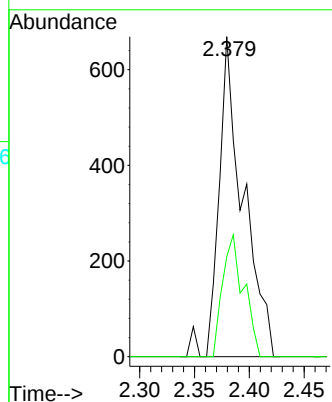
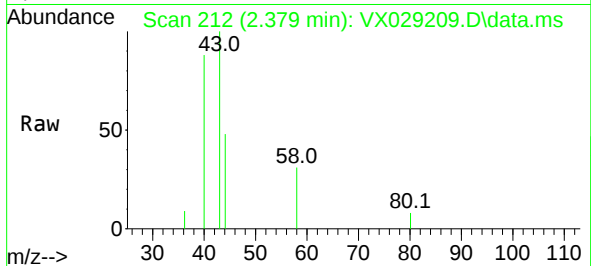




#16
Acetone
Concen: 0.760 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

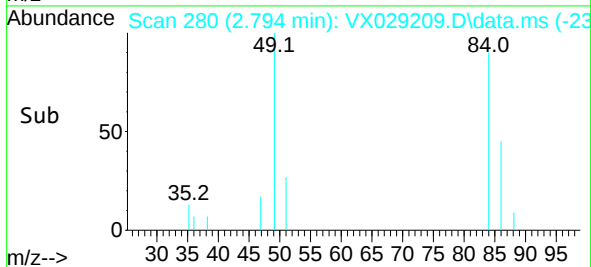
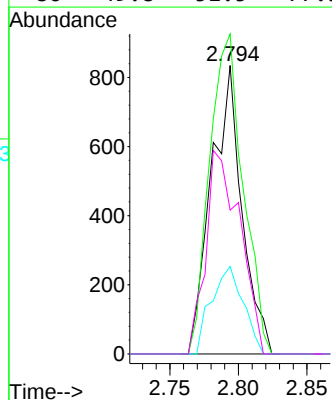
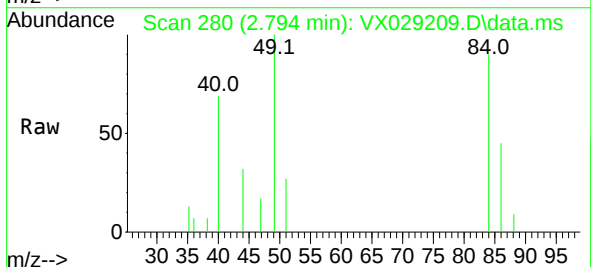
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

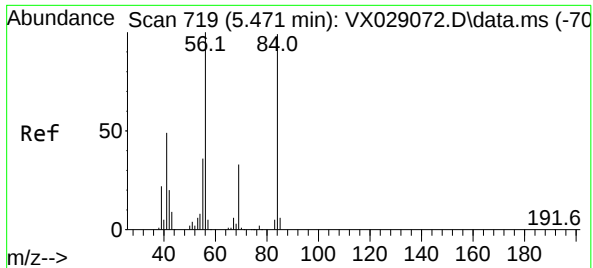
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
49 110.9 85.5 128.3
51 30.3 26.6 39.8
86 49.8 51.5 77.3#

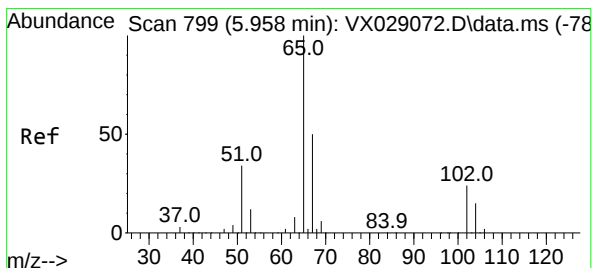
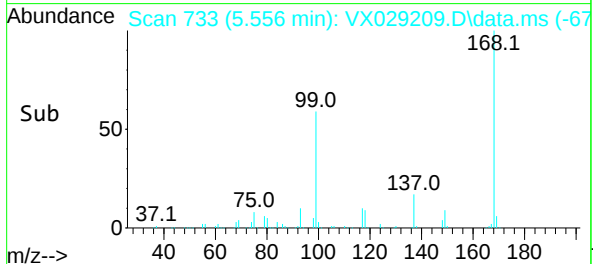
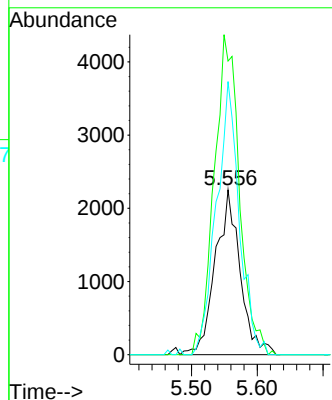
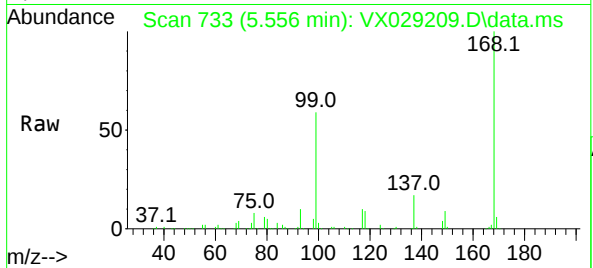




#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

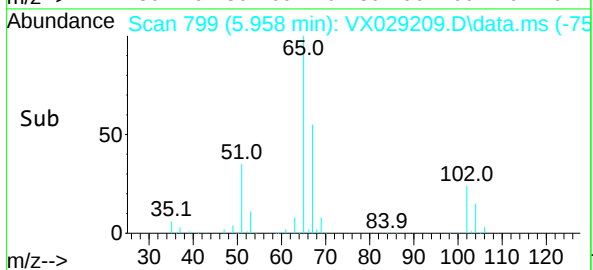
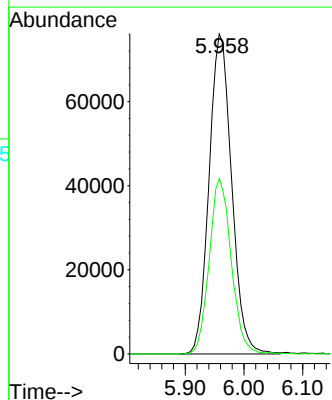
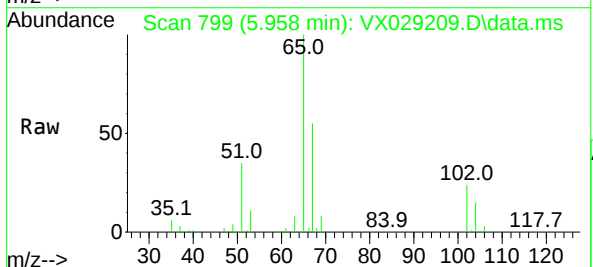
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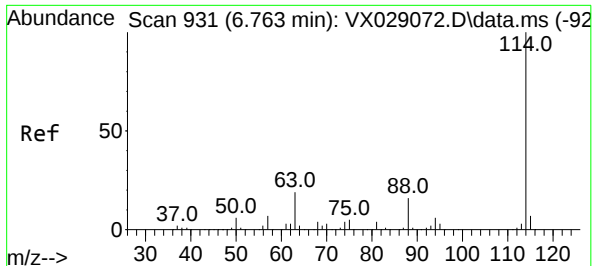
Tgt Ion: 56 Resp: 5890
Ion Ratio Lower Upper
56 100
69 178.1 26.7 40.1#
84 165.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.982 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 65 Resp: 203086
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

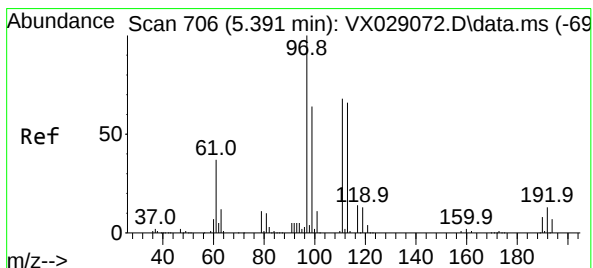
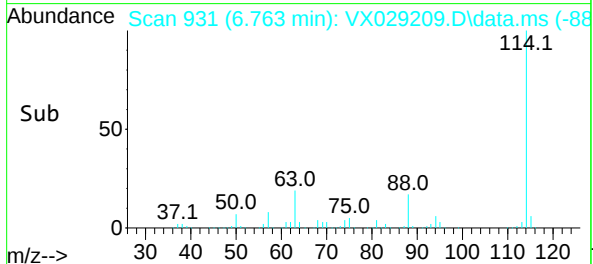
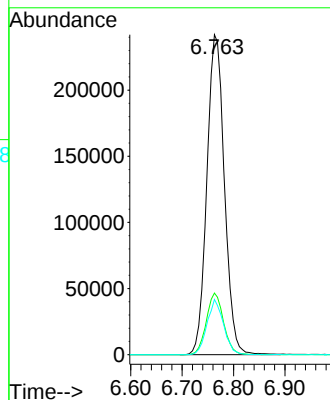
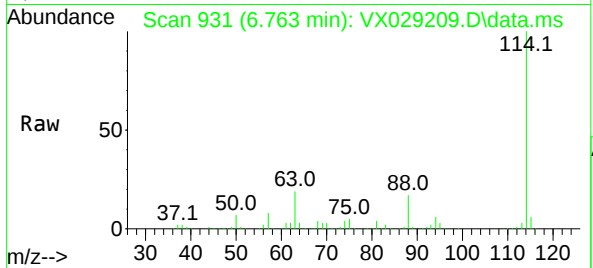




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

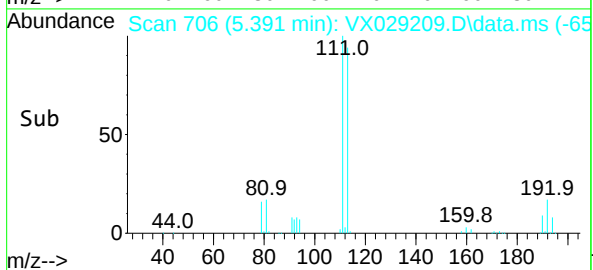
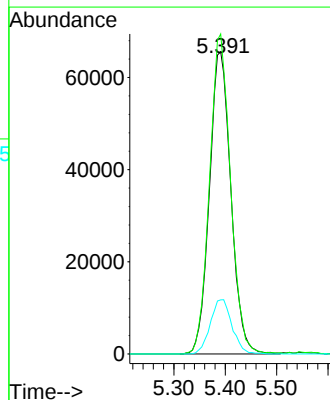
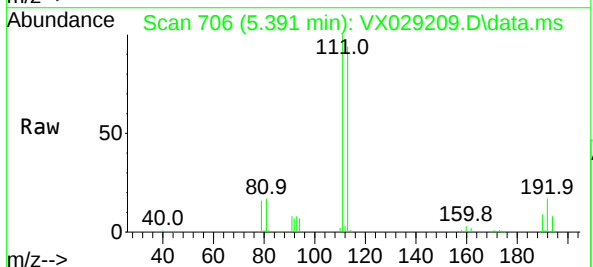
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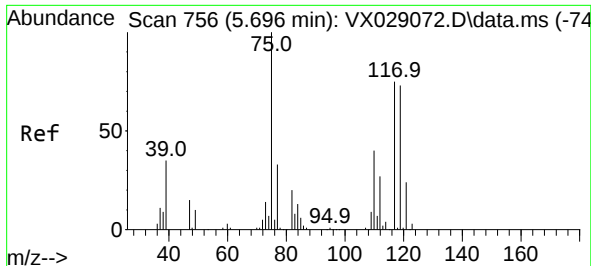
Tgt Ion:114 Resp: 573552
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 17.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.983 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion:113 Resp: 190420
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.2 16.9 25.3

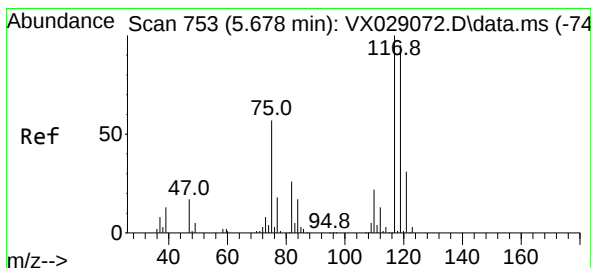
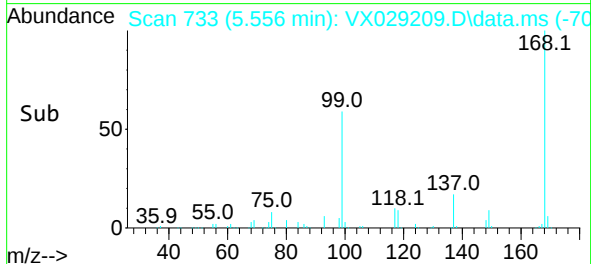
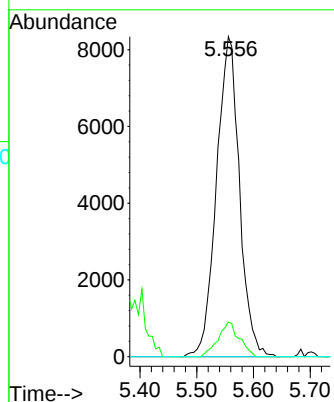
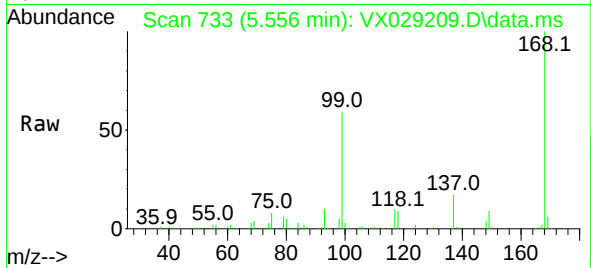




#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

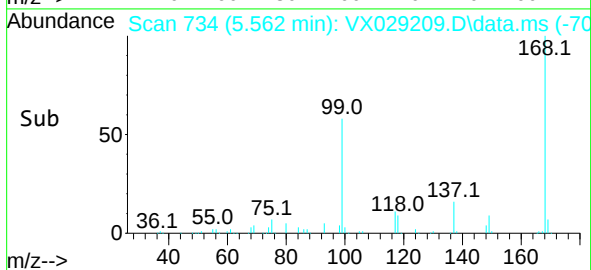
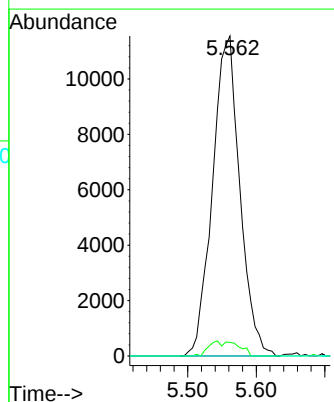
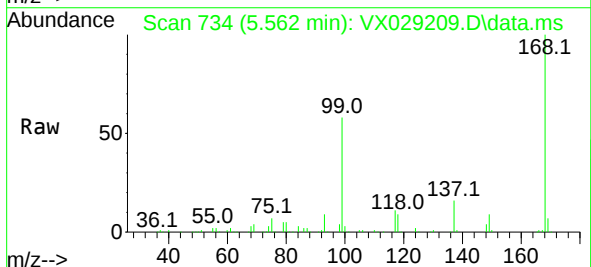
Instrument :
MSVOA_X
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VX0603WBL02

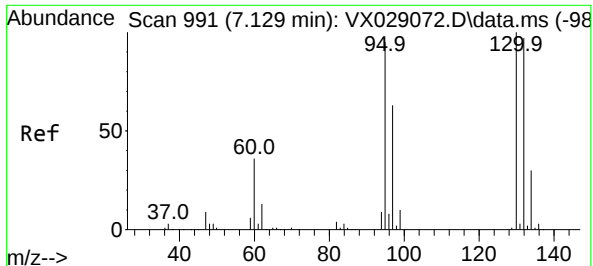
Tgt Ion: 75 Resp: 23448
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 117 Resp: 31993
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

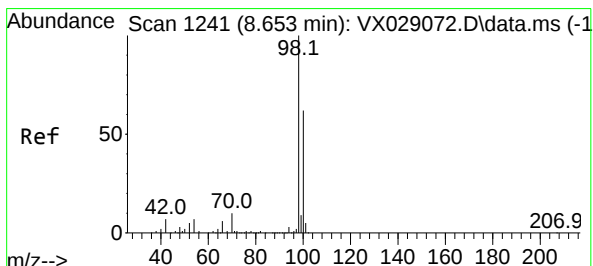
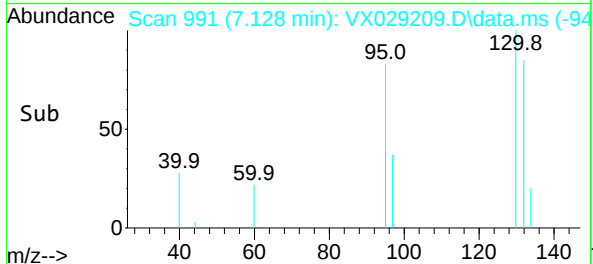
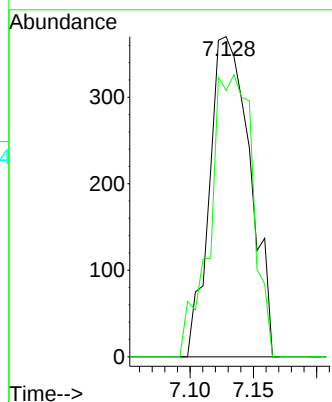
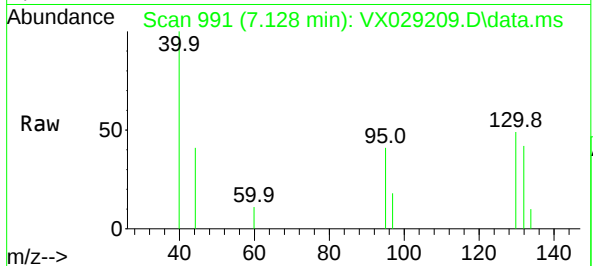




#44
Trichloroethene
Concen: Below Cal
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

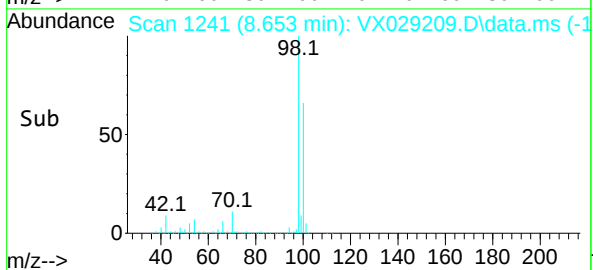
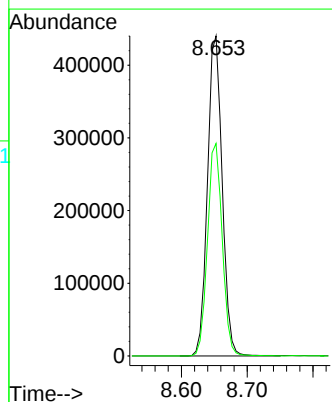
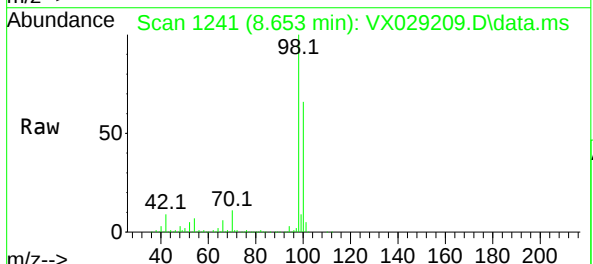
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

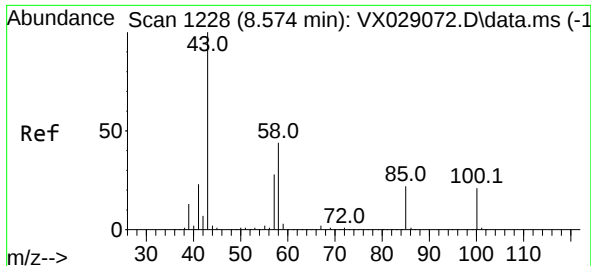
Tgt Ion:130 Resp: 825
Ion Ratio Lower Upper
130 100
95 83.2 0.0 188.8



#50
Toluene-d8
Concen: 49.145 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 98 Resp: 684762
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

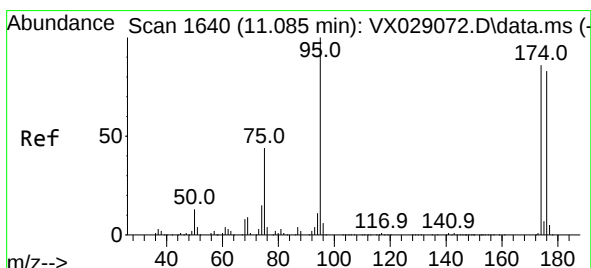
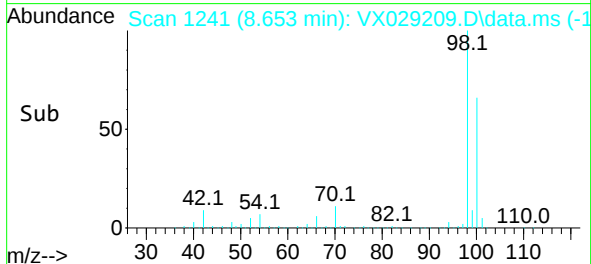
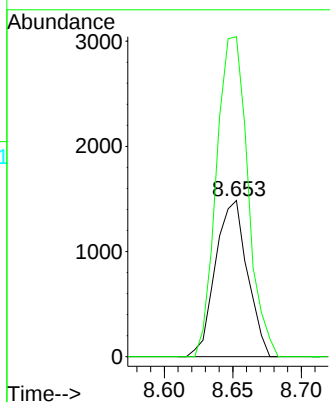
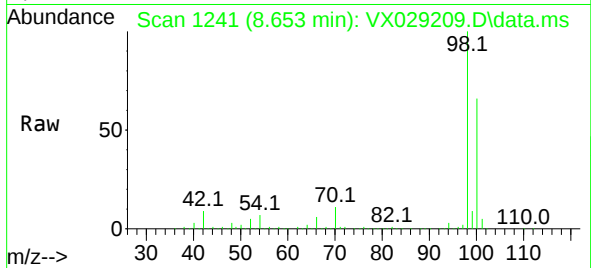




#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

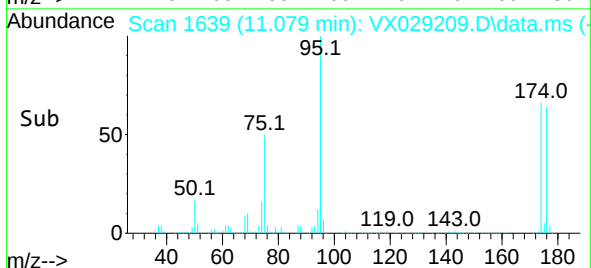
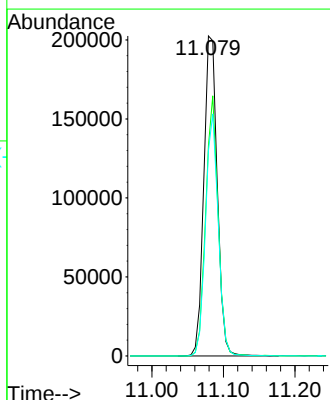
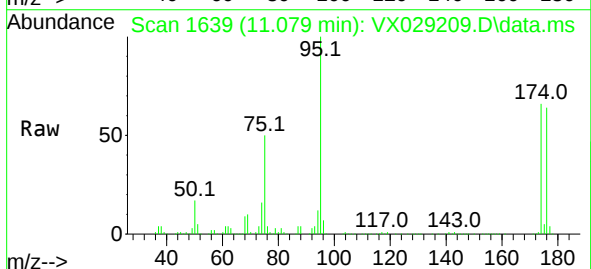
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

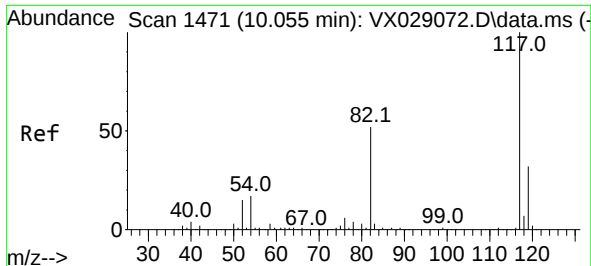
Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 201.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion: 95 Resp: 265194
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 71.5 0.0 155.0

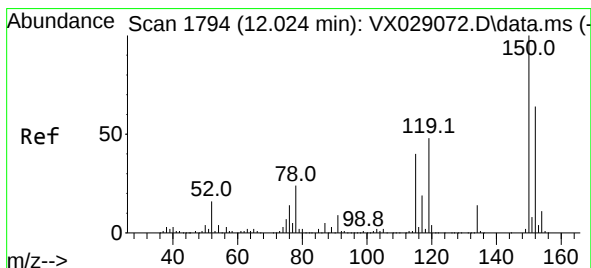
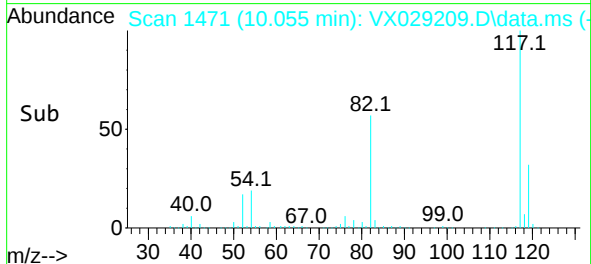
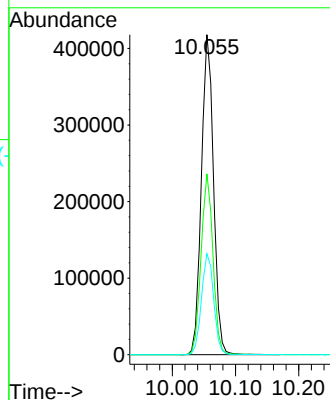
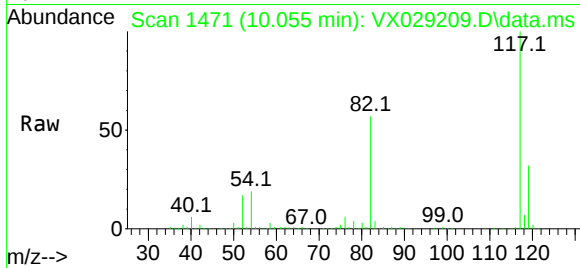




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

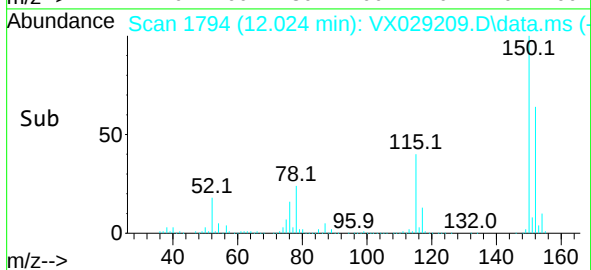
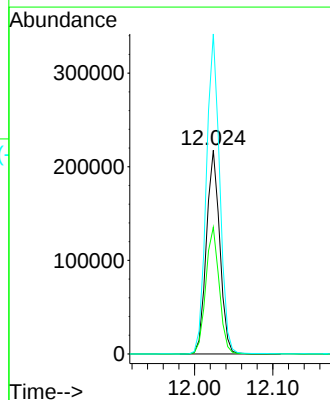
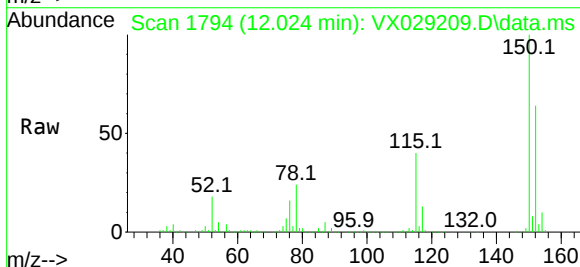
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

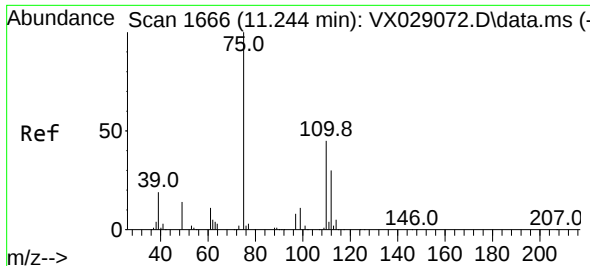
Tgt Ion:117 Resp: 558811
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

Tgt Ion:152 Resp: 256847
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.3 0.0 338.2

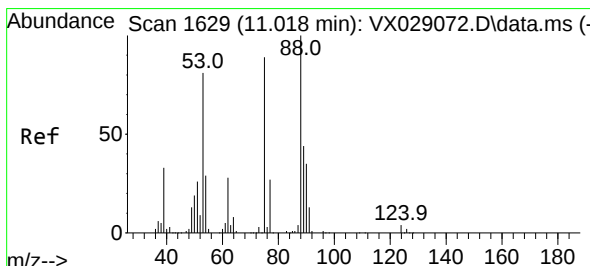
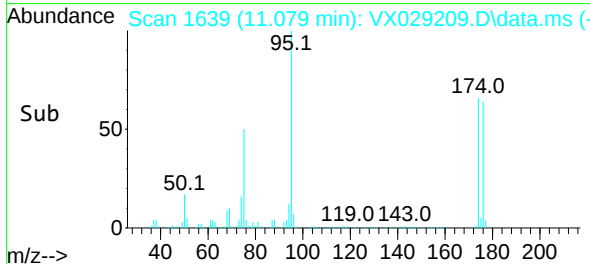
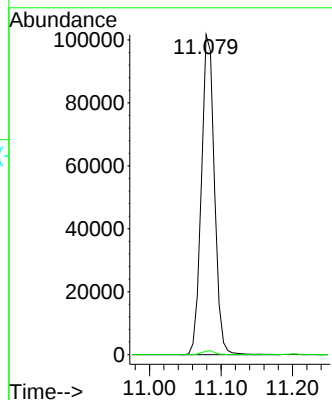
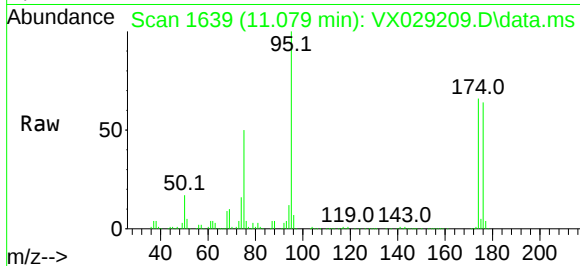




#76
1,2,3-Trichloropropane
Concen: 24.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

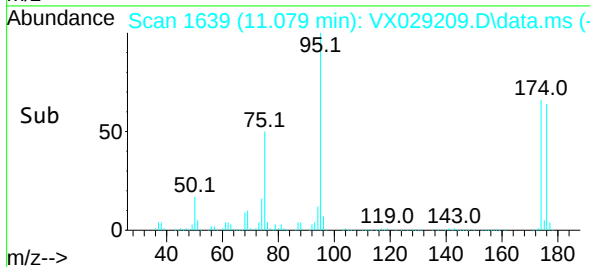
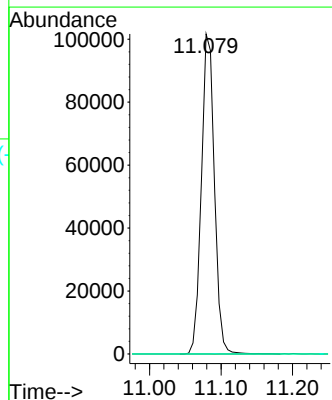
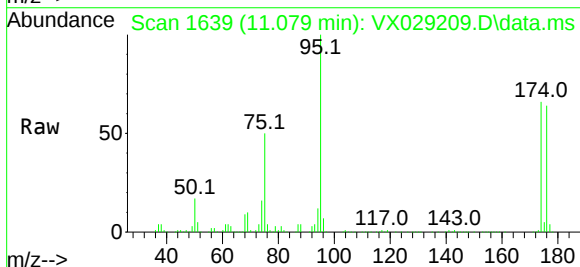
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL02

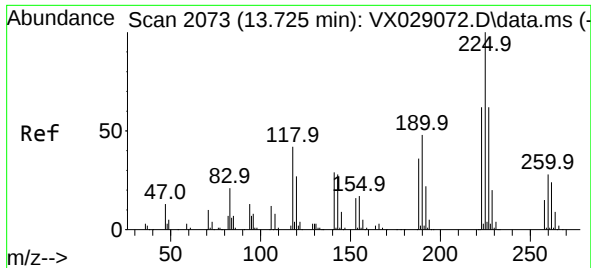
Tgt Ion: 75 Resp: 128903
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029209.D
Acq: 03 Jun 2022 23:01

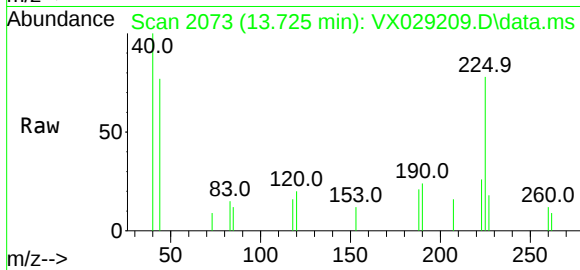
Tgt Ion: 75 Resp: 128903
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX029209.D
 Acq: 03 Jun 2022 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBL02



Tgt Ion:	225	Resp:	309
Ion	Ratio	Lower	Upper
225	100		
223	98.4	34.2	102.5
227	60.5	33.9	101.7

