

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029047.D
 Acq On : 28 May 2022 01:19
 Operator : JC/MD
 Sample : N3022-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB06-20220525

Quant Time: May 28 08:36:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

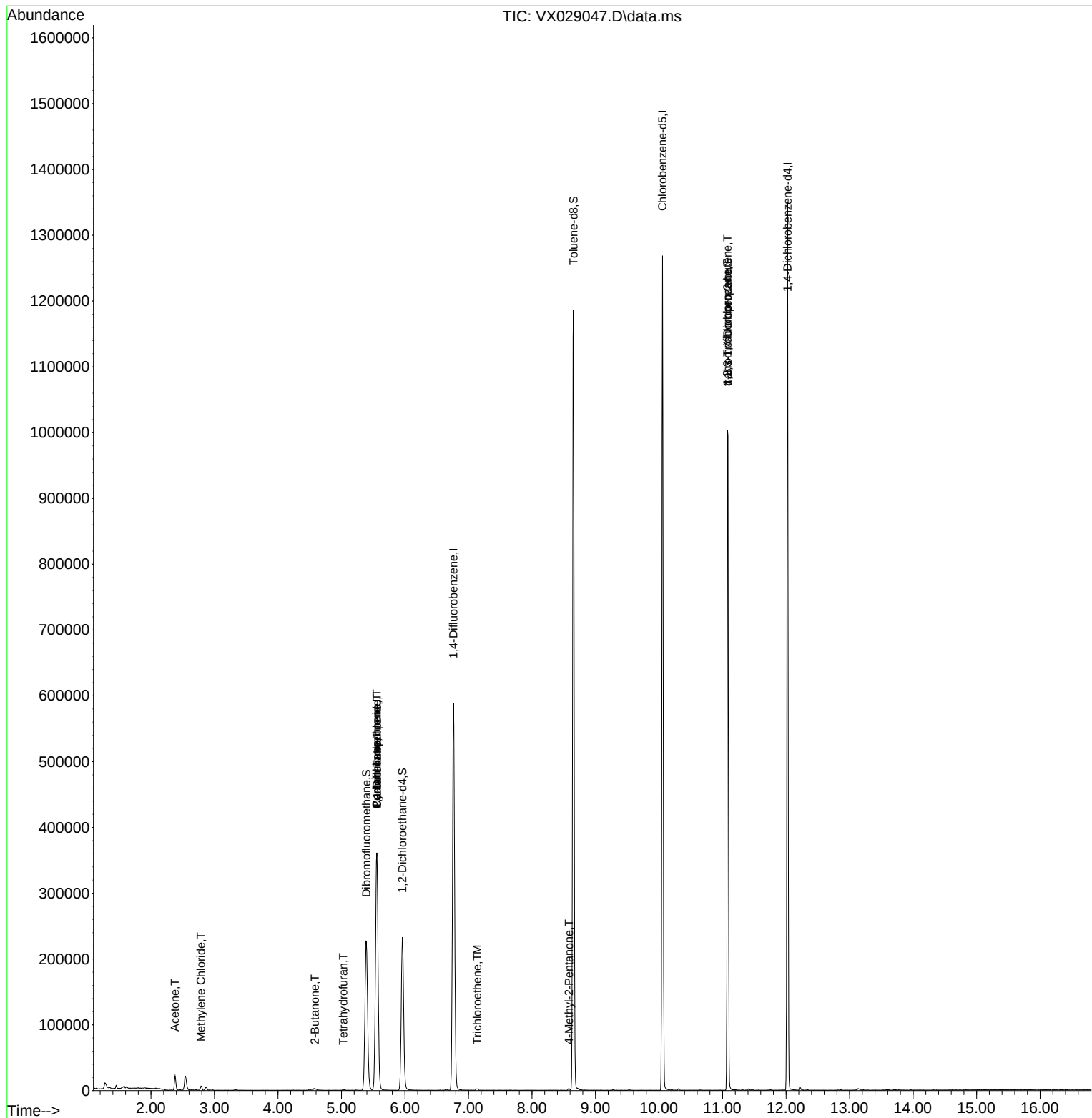
Internal Standards						
1) Pentafluorobenzene	5.556	168	350028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	621177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226201	47.144	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.280%			
35) Dibromofluoromethane	5.391	113	205083	50.391	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.780%			
50) Toluene-d8	8.653	98	732452	47.735	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.480%			
62) 4-Bromofluorobenzene	11.079	95	288236	50.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.580%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1241	Below Cal		87
6) Chloroethane	1.666	64	1426	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	1230	Below Cal	#	72
16) Acetone	2.380	43	22116	10.740	ug/l	98
20) Methylene Chloride	2.788	84	2842	0.658	ug/l	# 93
25) 2-Butanone	4.580	43	4612	1.427	ug/l	# 85
29) Tetrahydrofuran	5.025	42	635	0.302	ug/l	# 78
31) Cyclohexane	5.556	56	6403	0.961	ug/l	# 10
36) 1,1-Dichloropropene	5.556	75	25877	4.233	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35378	5.751	ug/l	# 14
44) Trichloroethene	7.135	130	1109	0.233	ug/l	88
51) 4-Methyl-2-Pentanone	8.580	43	1841	0.280	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	138442	21.096	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	138442	61.933	ug/l	# 15

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

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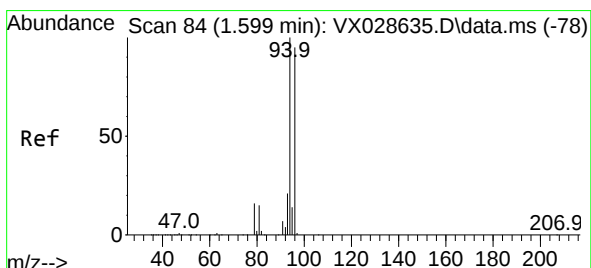
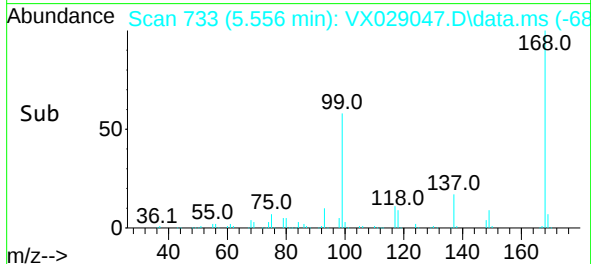
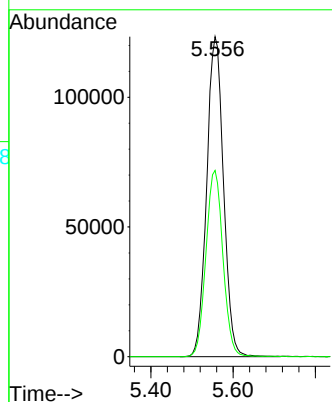
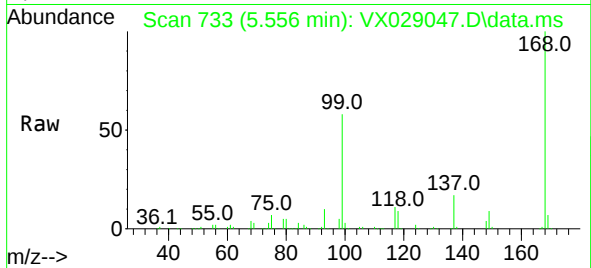




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

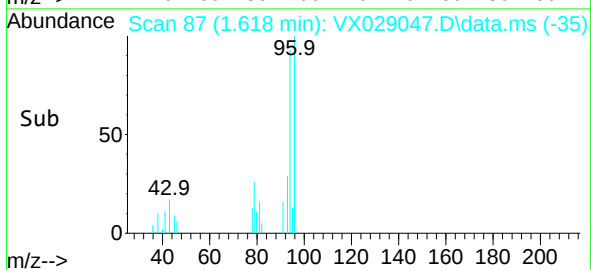
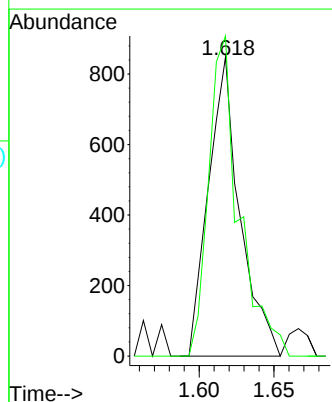
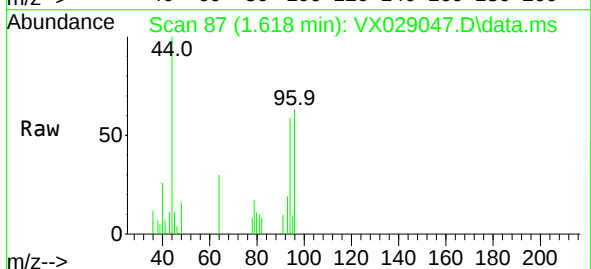
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

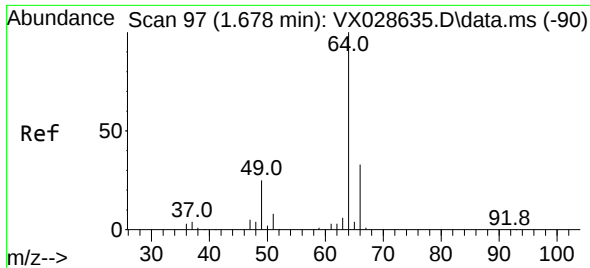
Tgt Ion:168 Resp: 350028
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 94 Resp: 1241
Ion Ratio Lower Upper
94 100
96 107.1 75.3 112.9

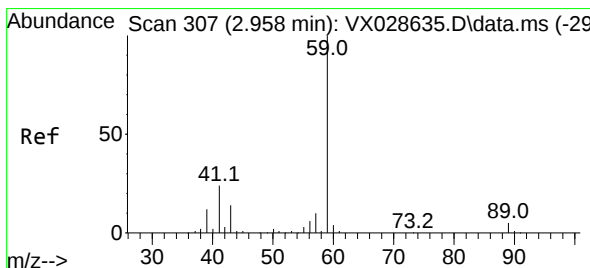
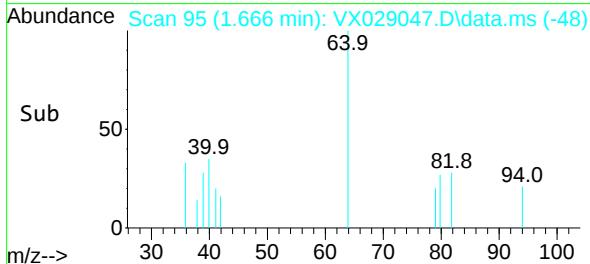
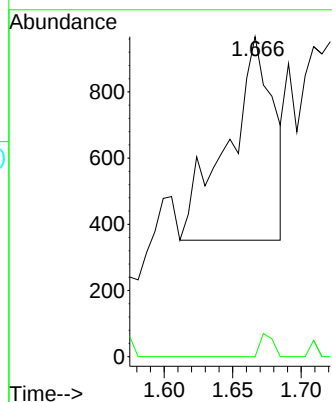
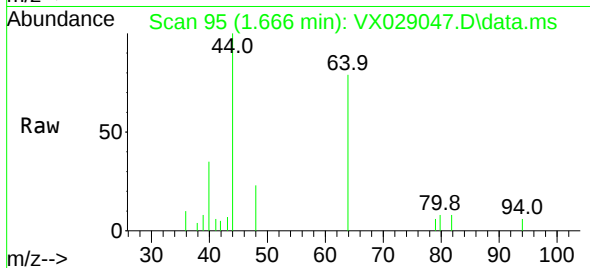




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

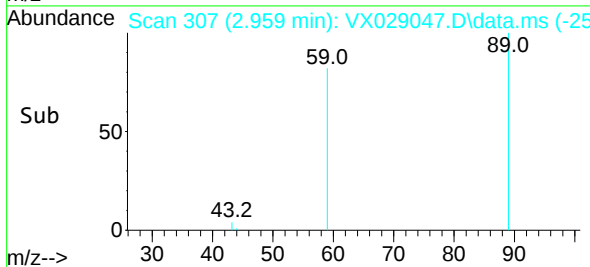
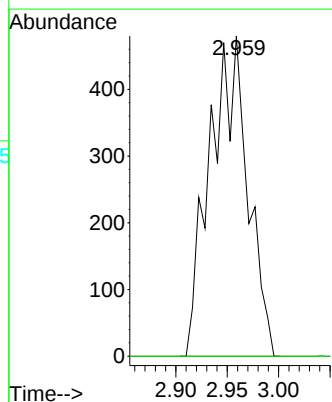
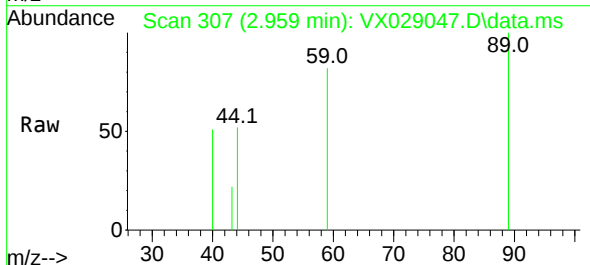
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

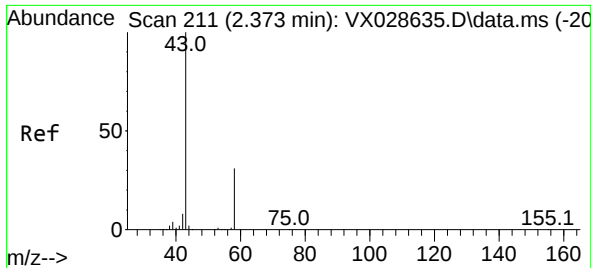
Tgt Ion: 64 Resp: 1426
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 59 Resp: 1230
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

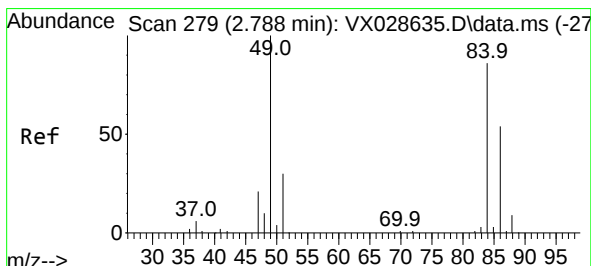
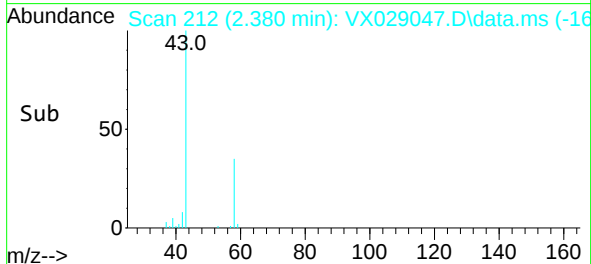
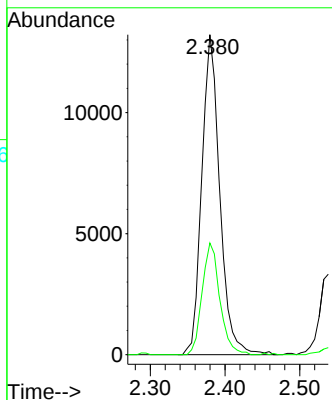
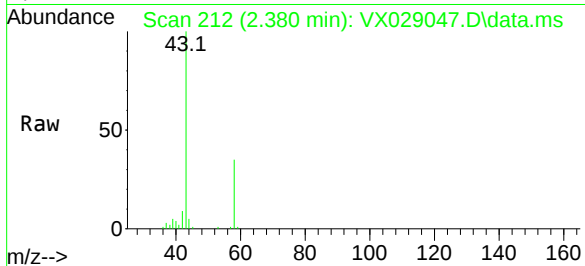




#16
Acetone
Concen: 10.740 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

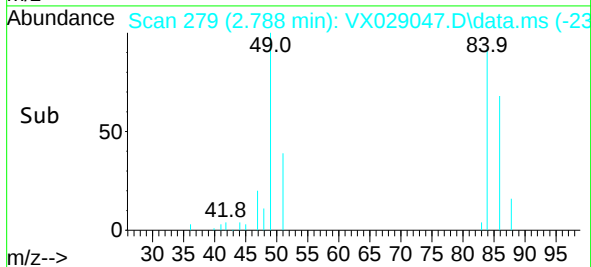
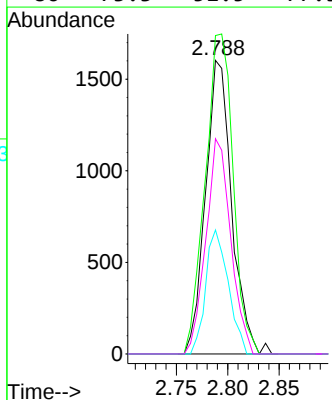
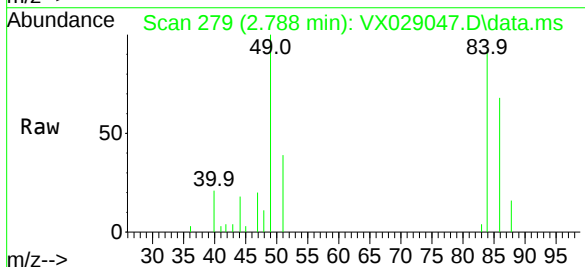
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

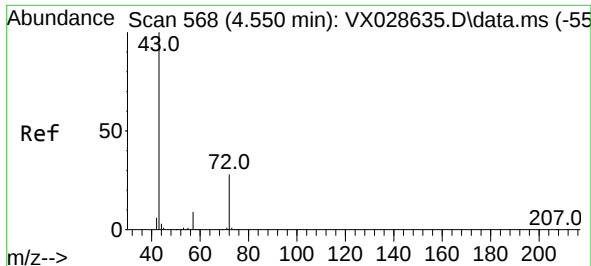
Tgt Ion: 43 Resp: 22116
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.658 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 84 Resp: 2842
Ion Ratio Lower Upper
84 100
49 108.4 85.5 128.3
51 42.2 26.6 39.8#
86 73.3 51.5 77.3

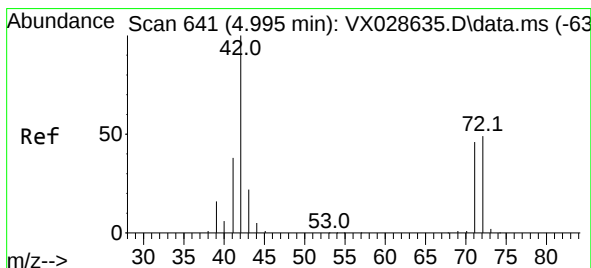
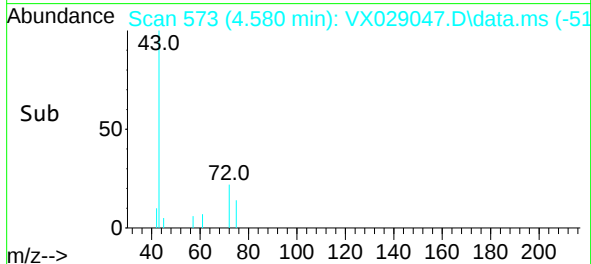
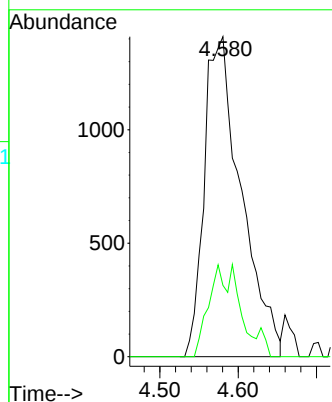
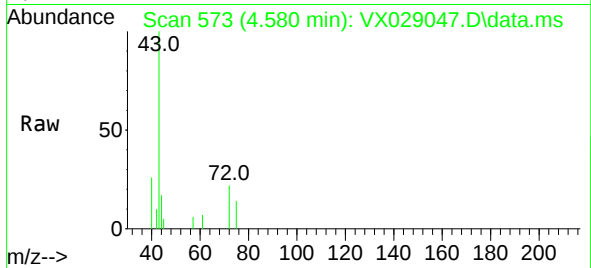




#25
2-Butanone
Concen: 1.427 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

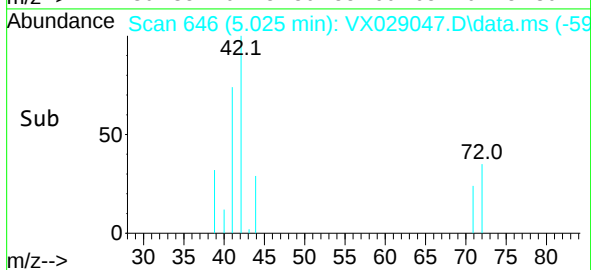
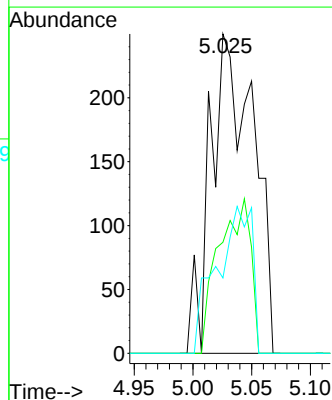
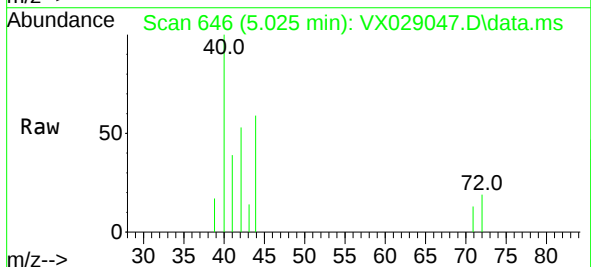
Instrument :
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ClientSampleId :
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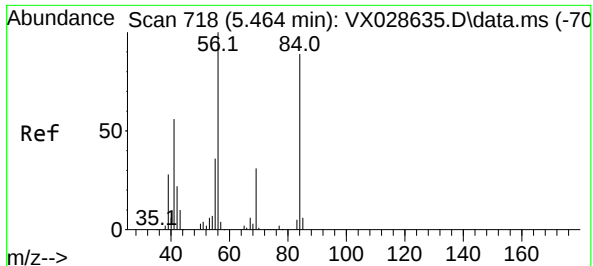
Tgt Ion: 43 Resp: 4612
Ion Ratio Lower Upper
43 100
72 22.3 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.302 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.030 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 42 Resp: 635
Ion Ratio Lower Upper
42 100
72 36.1 44.1 66.1#
71 38.3 40.5 60.7#

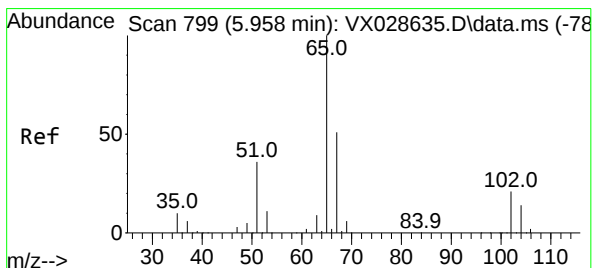
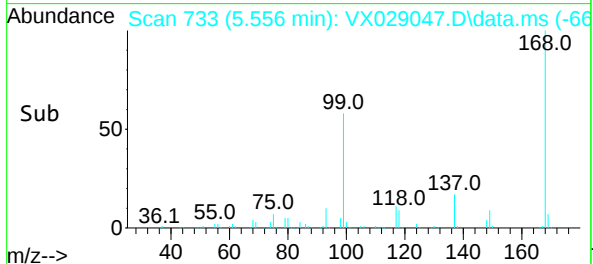
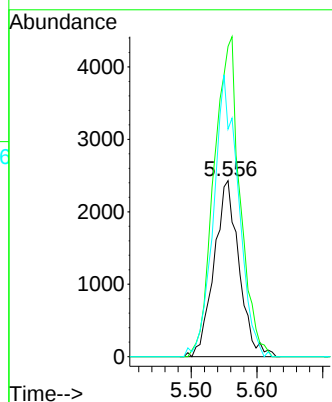
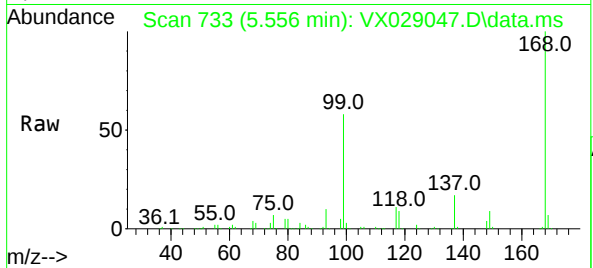




#31
Cyclohexane
Concen: 0.961 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

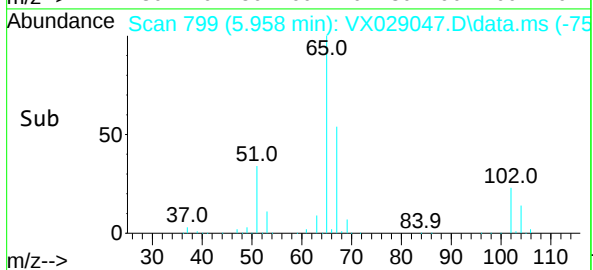
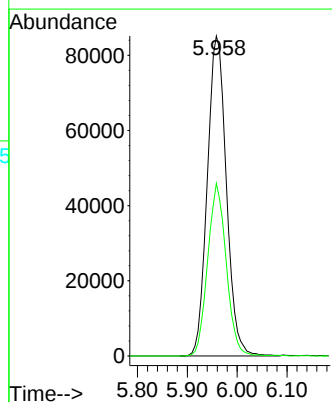
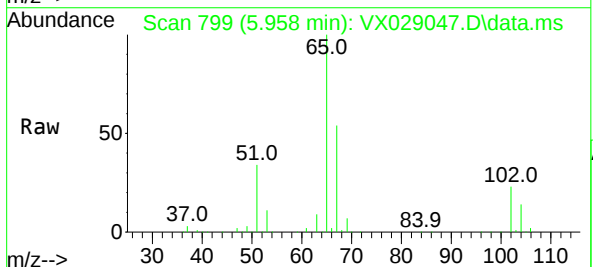
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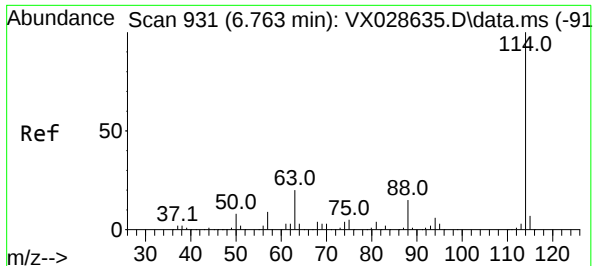
Tgt Ion: 56 Resp: 6403
Ion Ratio Lower Upper
56 100
69 176.3 26.7 40.1#
84 129.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 65 Resp: 226201
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

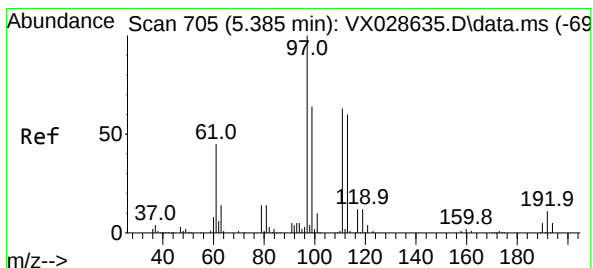
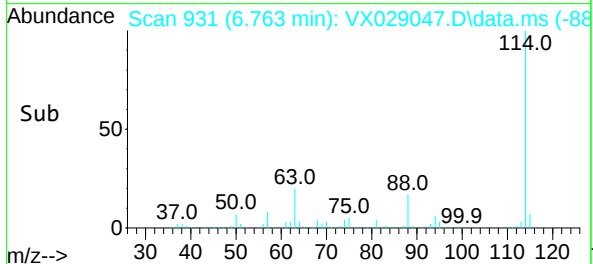
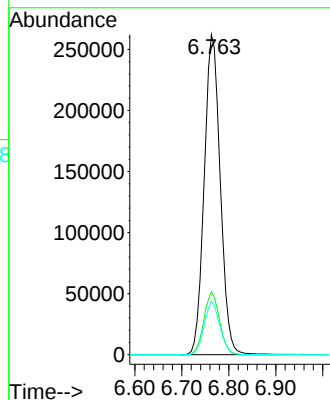
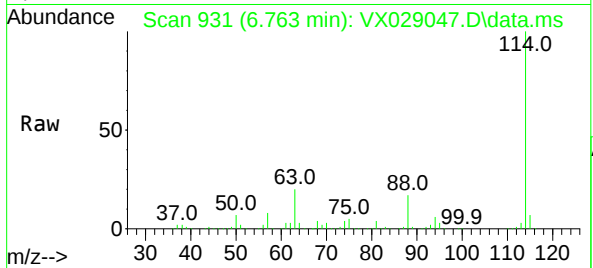




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

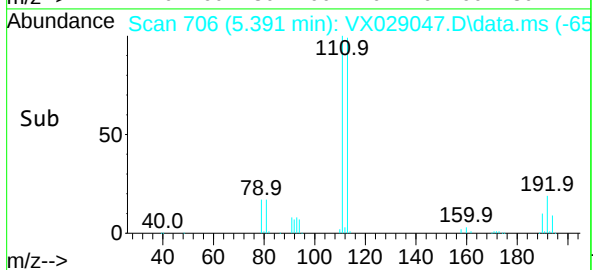
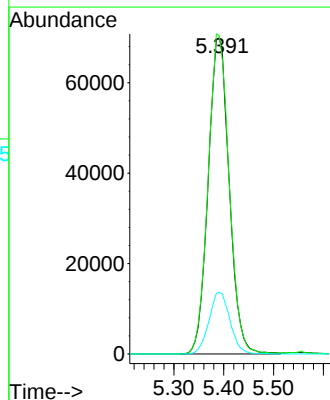
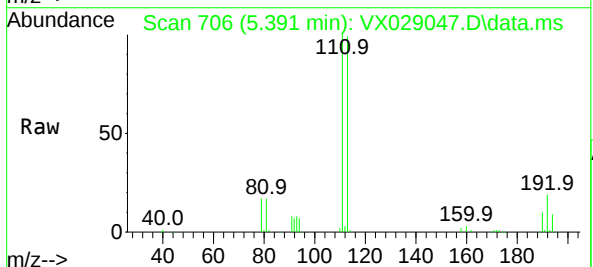
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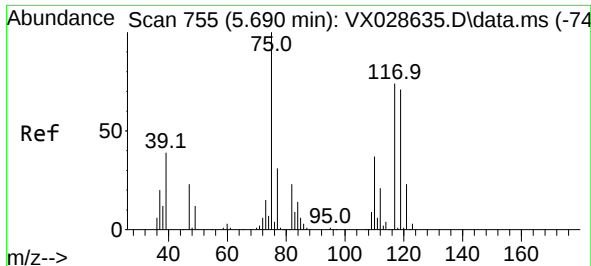
Tgt Ion:114 Resp: 621177
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.391 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion:113 Resp: 205083
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 19.4 16.9 25.3

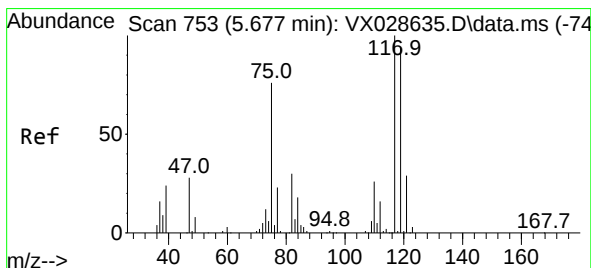
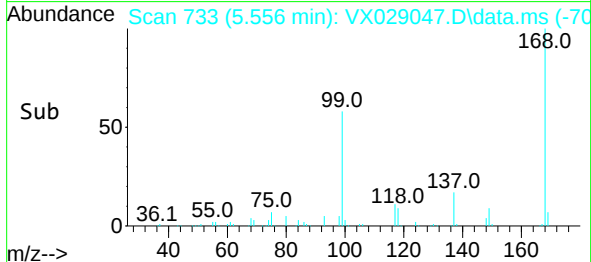
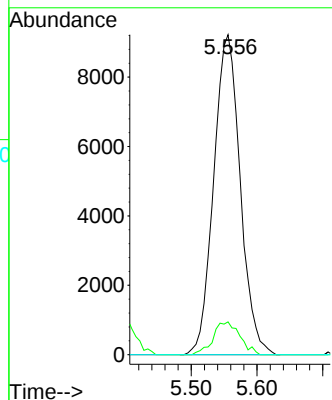
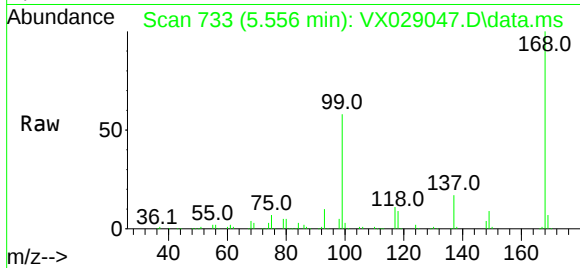




#36
1,1-Dichloropropene
Concen: 4.233 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

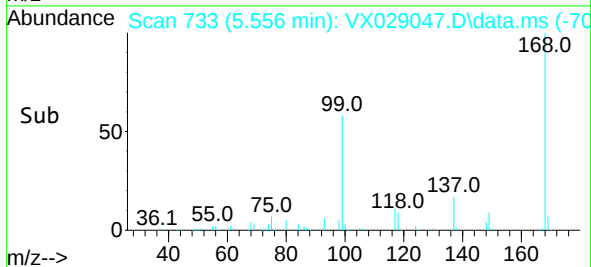
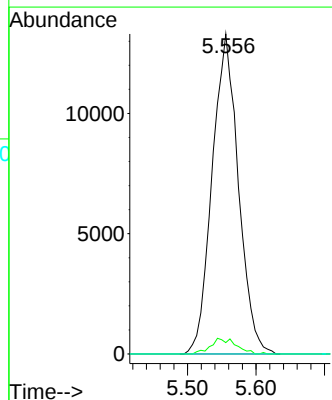
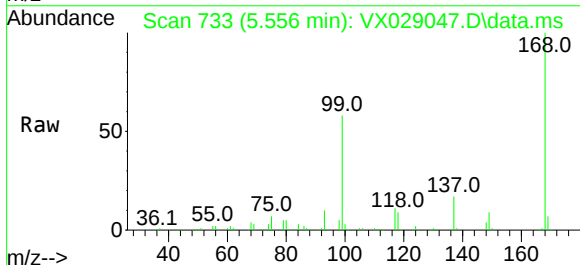
Instrument :
MSVOA_X
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RB06-20220525

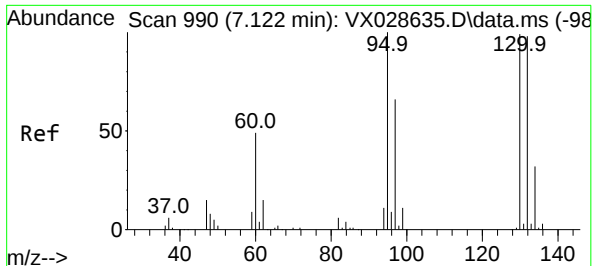
Tgt Ion: 75 Resp: 25877
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 117 Resp: 35378
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#

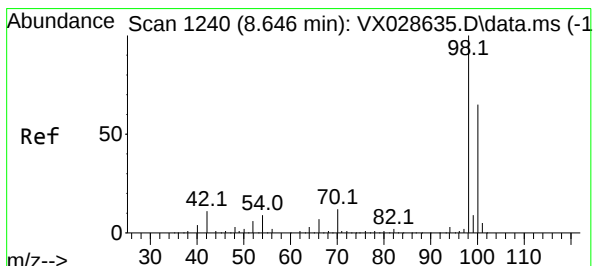
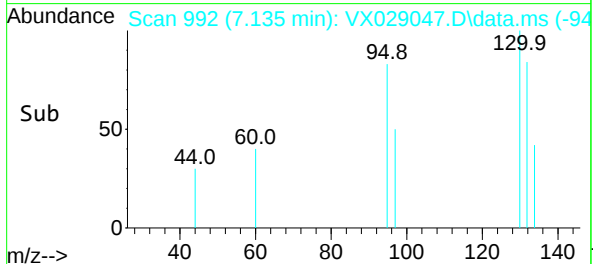
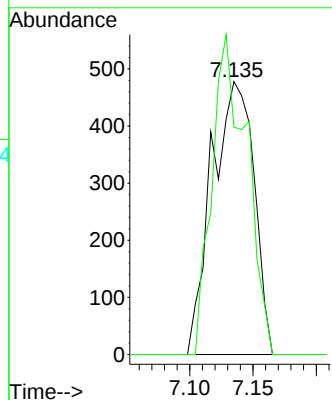
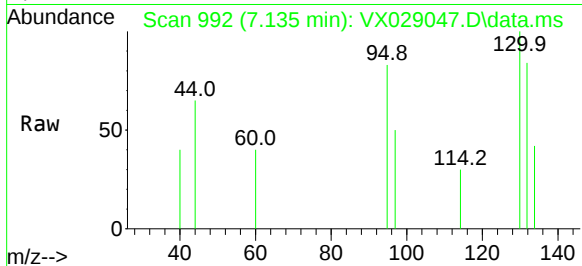




#44
Trichloroethene
Concen: 0.233 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

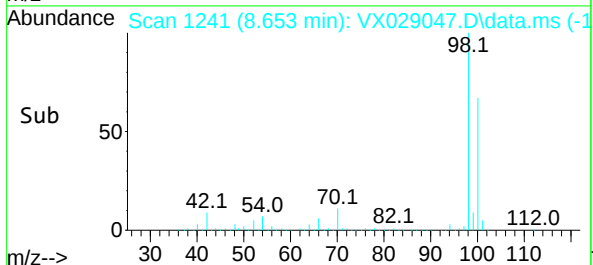
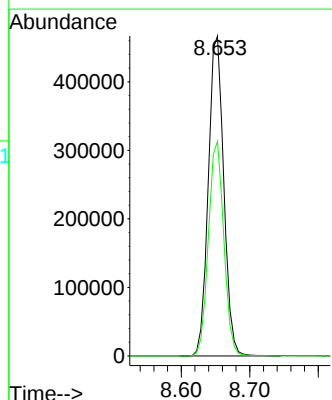
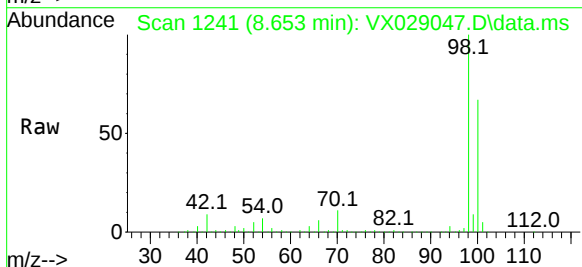
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

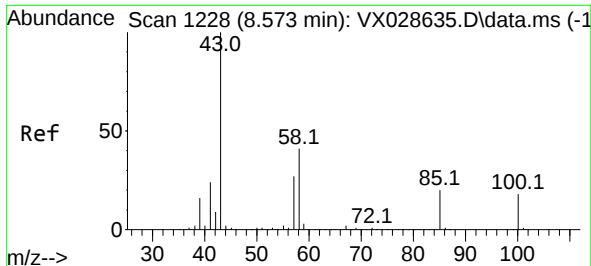
Tgt Ion:130 Resp: 1109
Ion Ratio Lower Upper
130 100
95 83.3 0.0 188.8



#50
Toluene-d8
Concen: 47.735 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 98 Resp: 732452
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

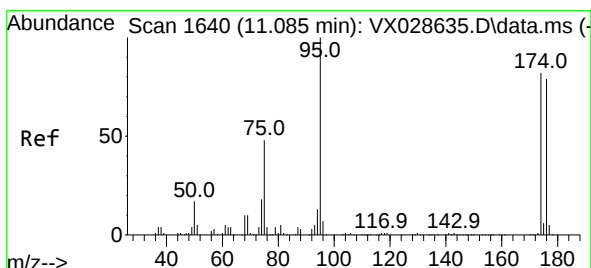
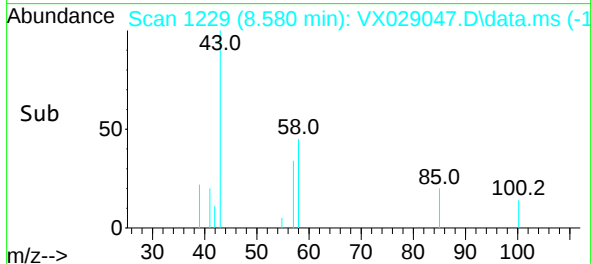
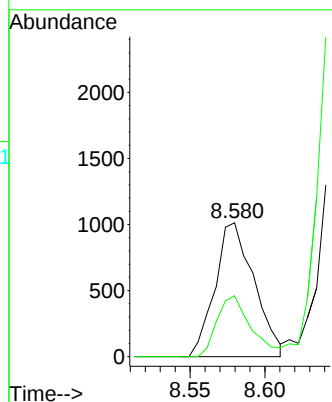
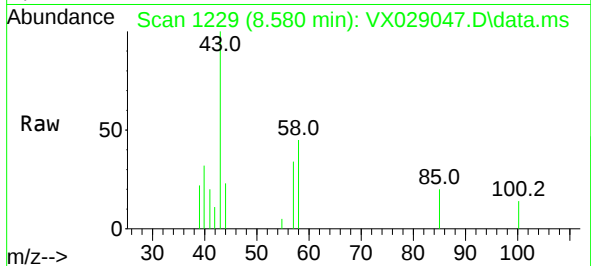




#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

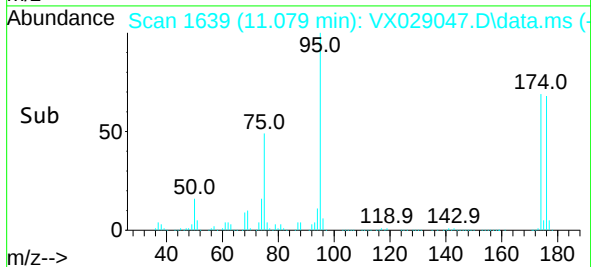
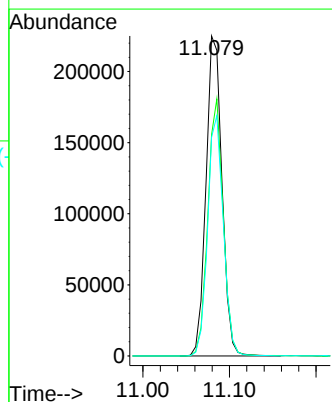
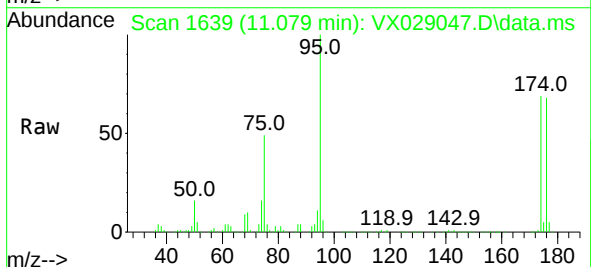
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

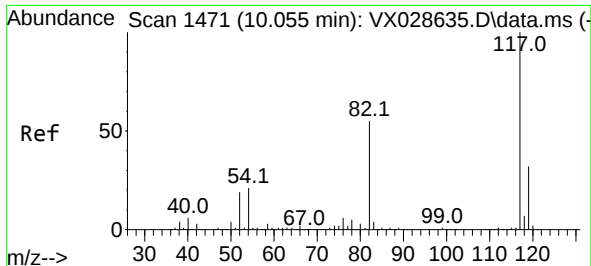
Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 39.8 36.1 54.1



#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 95 Resp: 288236
Ion Ratio Lower Upper
95 100
174 77.6 0.0 163.0
176 73.8 0.0 155.0

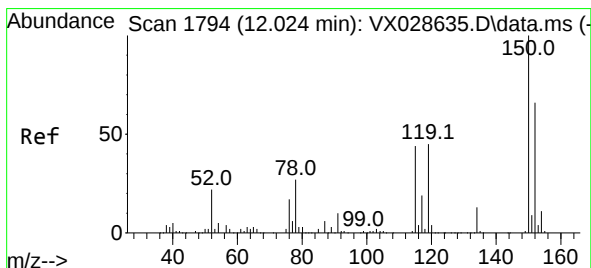
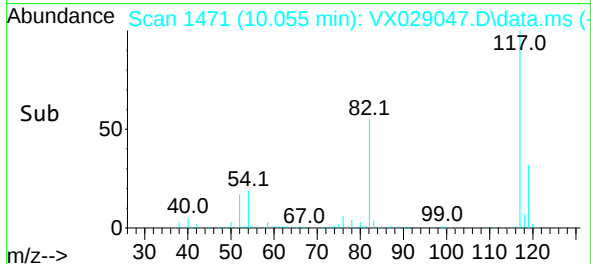
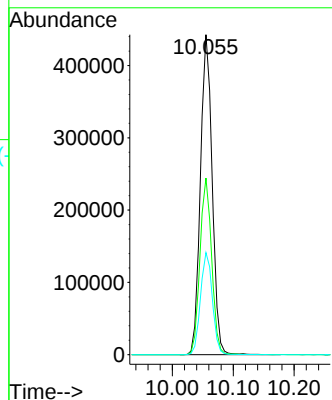
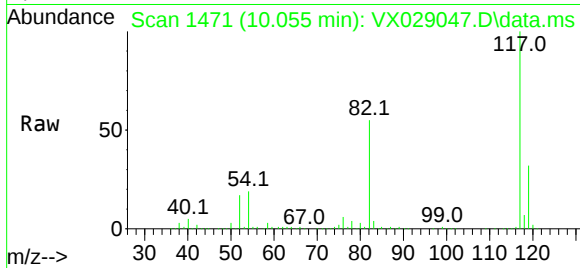




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

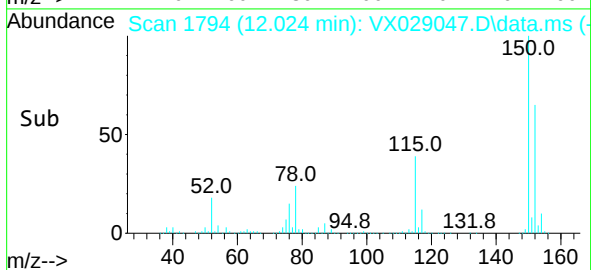
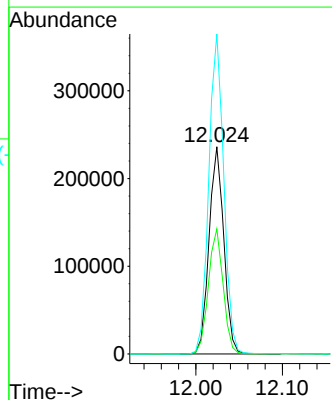
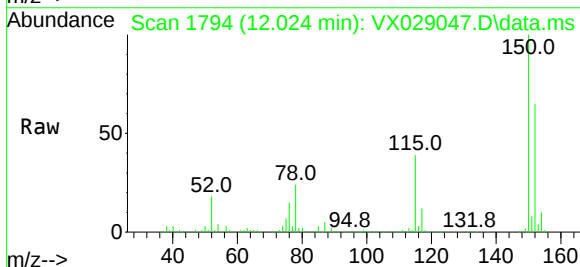
Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

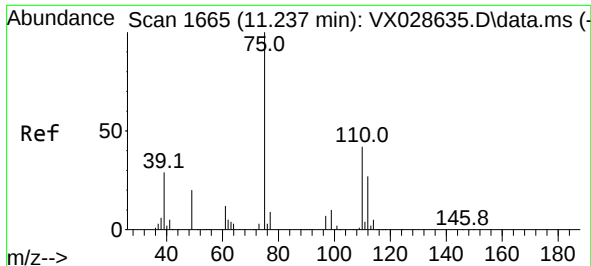
Tgt Ion:117 Resp: 592349
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion:152 Resp: 280221
Ion Ratio Lower Upper
152 100
115 60.3 37.5 112.7
150 155.9 0.0 338.2

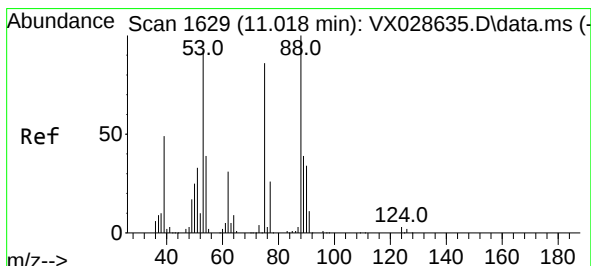
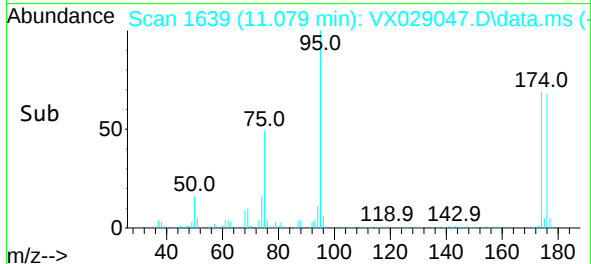
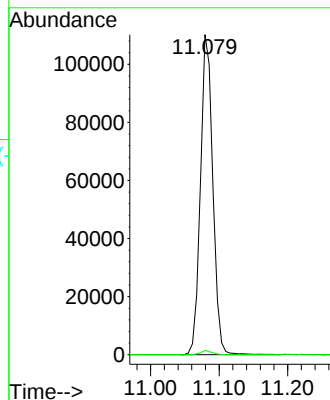
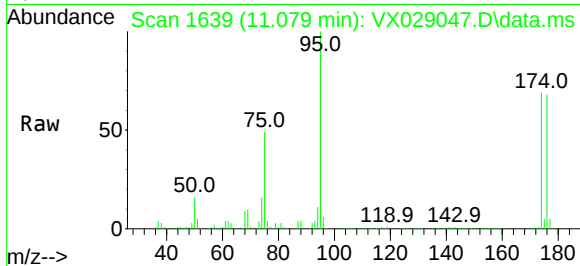




#76
1,2,3-Trichloropropane
Concen: 21.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Instrument :
MSVOA_X
ClientSampleId :
RB06-20220525

Tgt Ion: 75 Resp: 138442
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029047.D
Acq: 28 May 2022 01:19

Tgt Ion: 75 Resp: 138442
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

