

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029196.D
 Acq On : 03 Jun 2022 17:35
 Operator : JC/MD
 Sample : N3164-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34BR-20220531

Quant Time: Jun 06 02:36:13 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)

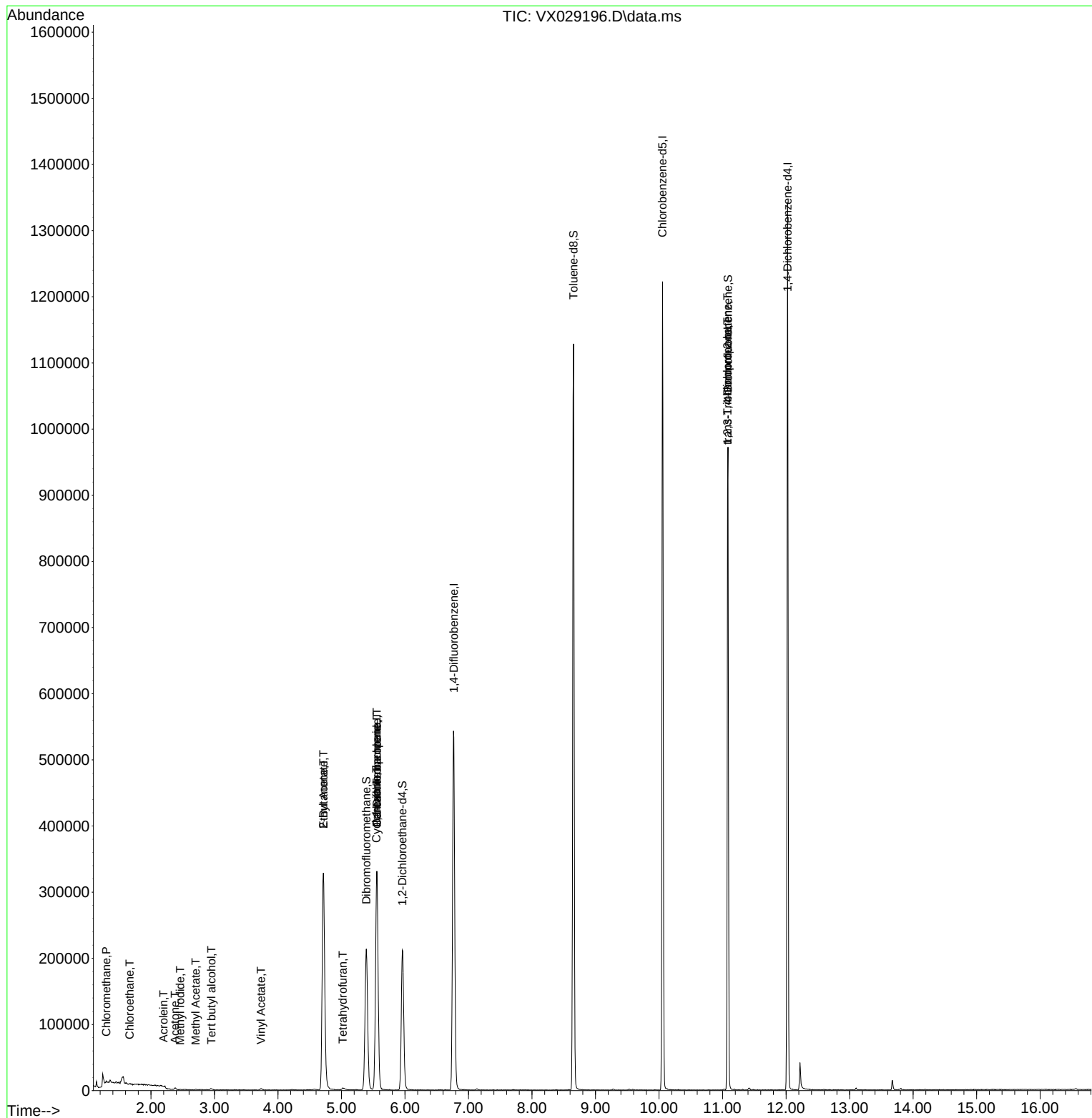
Internal Standards						
1) Pentafluorobenzene	5.556	168	311617	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	575704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204749	58.268	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 116.540%		
35) Dibromofluoromethane	5.391	113	191378	50.047	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 100.100%		
50) Toluene-d8	8.653	98	689438	49.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 98.600%		
62) 4-Bromofluorobenzene	11.085	95	280825	51.945	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 103.880%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	641	0.226	ug/l	# 69
5) Bromomethane	1.605	94	764	Below Cal	#	66
6) Chloroethane	1.666	64	165	1.464	ug/l	# 69
10) Methyl Iodide	2.459	142	383	4.327	ug/l	# 89
11) Tert butyl alcohol	2.952	59	1305	1.603	ug/l	# 90
13) Acrolein	2.196	56	454	1.231	ug/l	# 70
16) Acetone	2.379	43	3131	2.263	ug/l	# 80
18) Methyl Acetate	2.702	43	972	0.272	ug/l	92
23) Vinyl Acetate	3.733	43	4014	0.570	ug/l	99
25) 2-Butanone	4.714	43	545755	244.507	ug/l	# 44
29) Tetrahydrofuran	5.019	42	3016	2.107	ug/l	# 85
31) Cyclohexane	5.549	56	5665	1.240	ug/l	# 22
36) 1,1-Dichloropropene	5.556	75	23320	4.740	ug/l	# 49
37) Ethyl Acetate	4.714	43	546384	114.582	ug/l	99
38) Carbon Tetrachloride	5.556	117	31919	5.676	ug/l	# 16
44) Trichloroethene	7.135	130	716	Below Cal		81
76) 1,2,3-Trichloropropane	11.079	75	134763	24.667	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	134763	72.367	ug/l	# 15

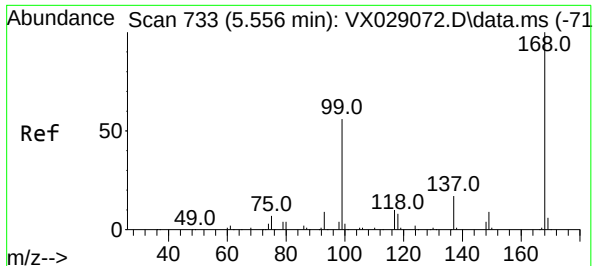
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029196.D
Acq On : 03 Jun 2022 17:35
Operator : JC/MD
Sample : N3164-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

Quant Time: Jun 06 02:36:13 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

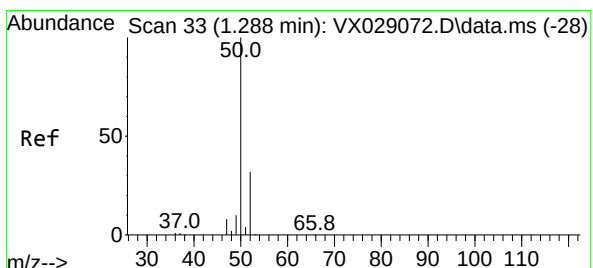
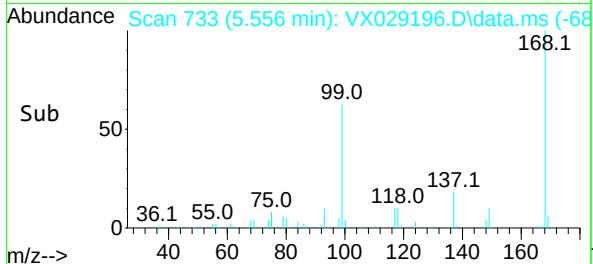
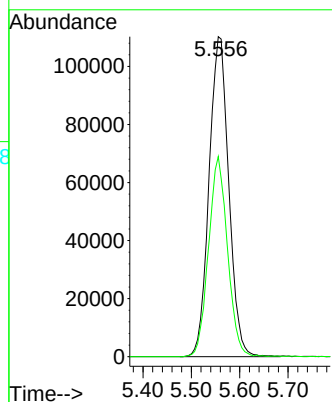
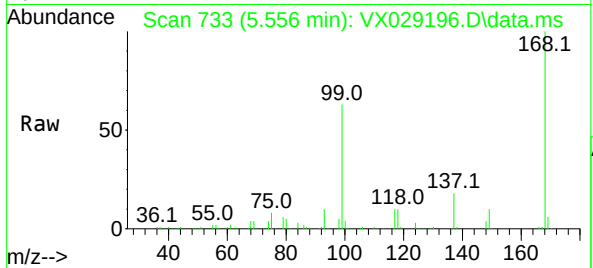




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

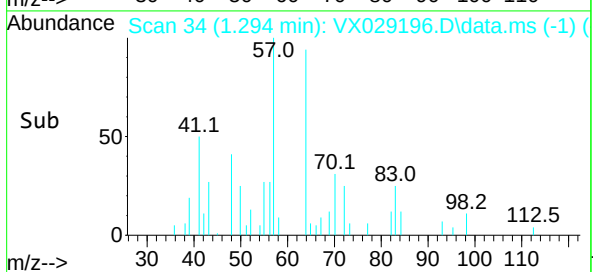
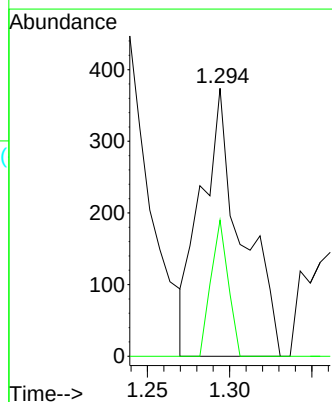
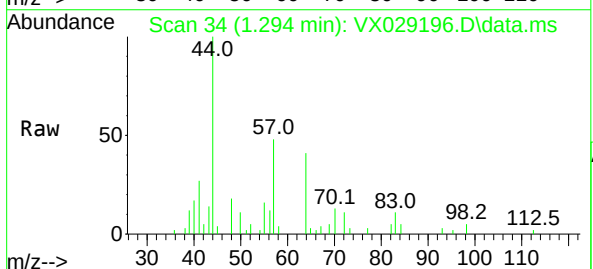
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

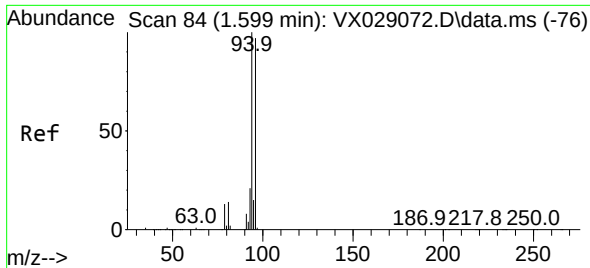
Tgt Ion:168 Resp: 311617
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 50.8 26.4 39.6#

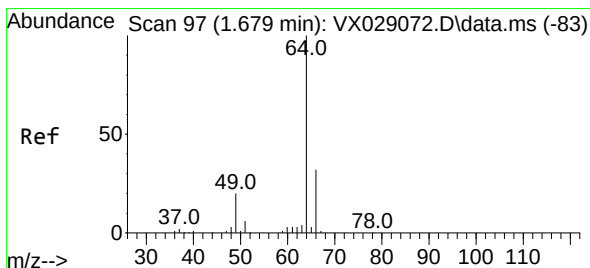
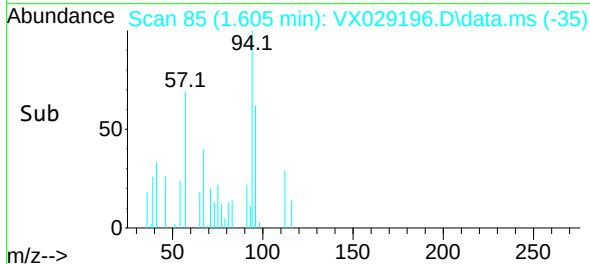
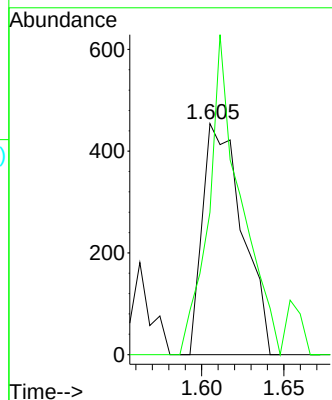
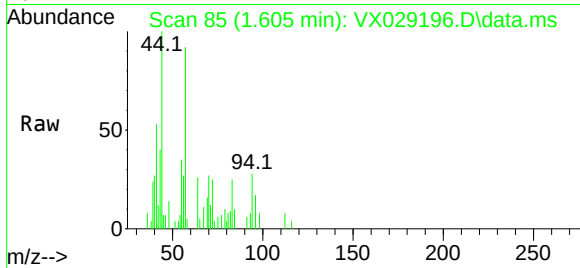




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

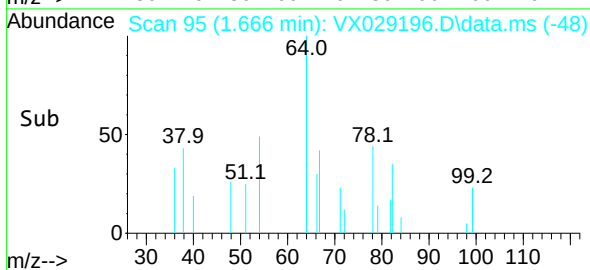
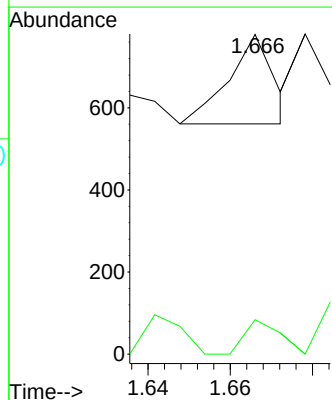
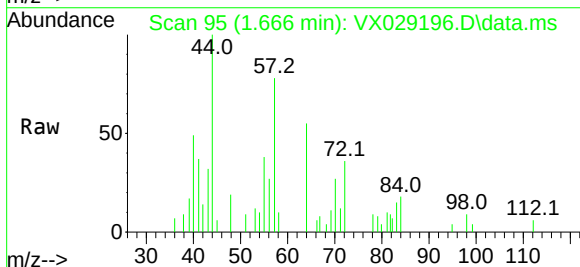
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

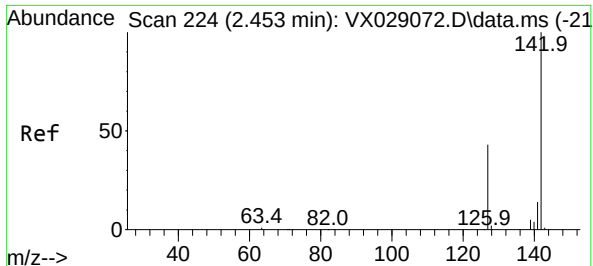
Tgt Ion: 94 Resp: 764
Ion Ratio Lower Upper
94 100
96 61.7 75.3 112.9#



#6
Chloroethane
Concen: 1.464 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

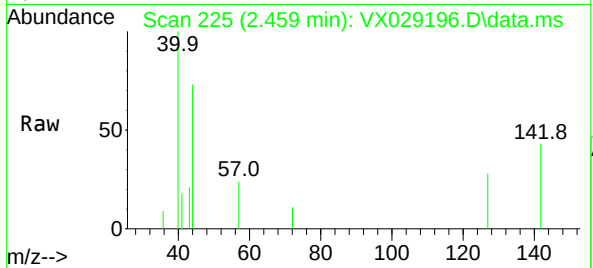
Tgt Ion: 64 Resp: 165
Ion Ratio Lower Upper
64 100
66 14.7 25.3 37.9#



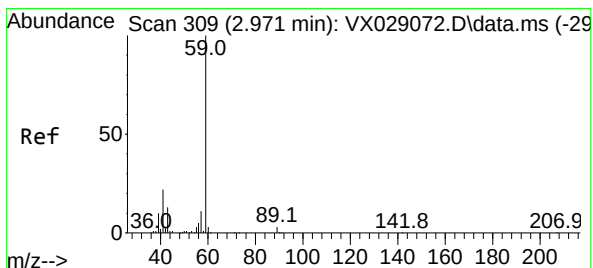
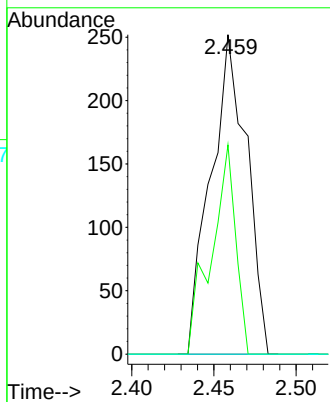
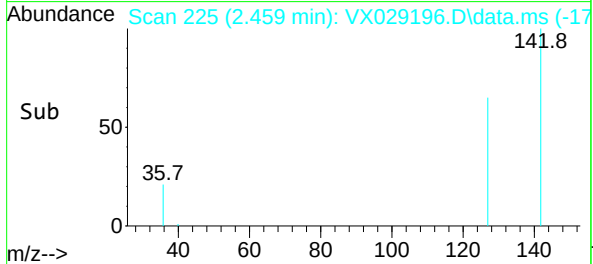


#10
Methyl Iodide
Concen: 4.327 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

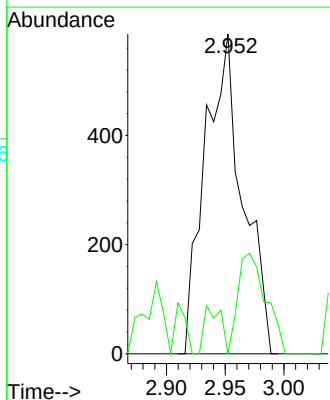
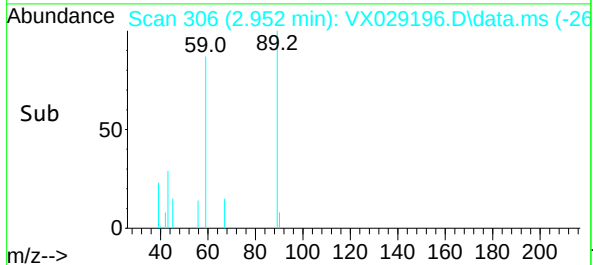
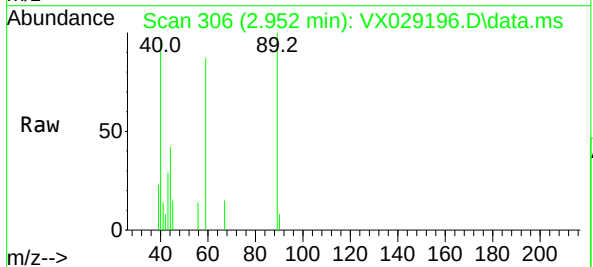


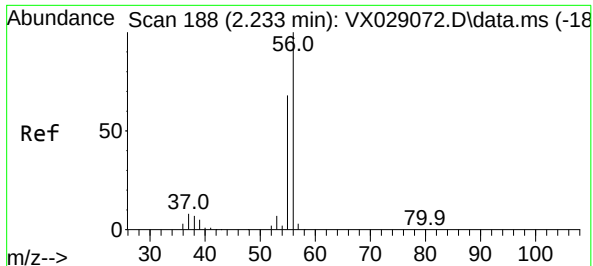
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
127 44.6 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.603 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.019 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 59 Resp: 1305
Ion Ratio Lower Upper
59 100
57 6.5 8.3 12.5#

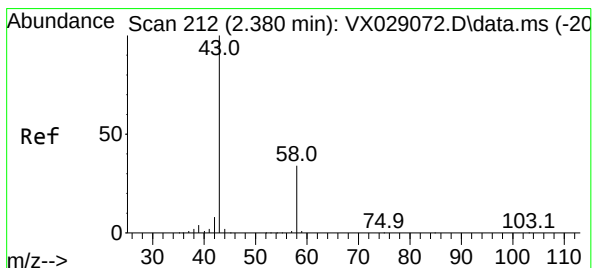
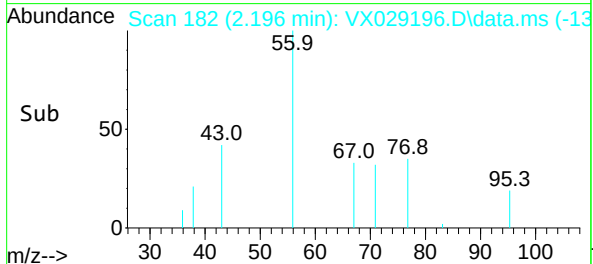
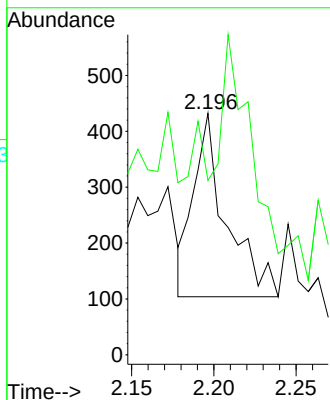
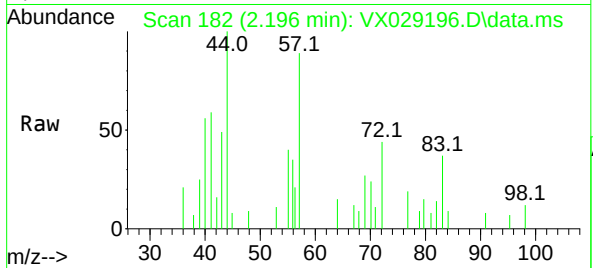




#13
Acrolein
Concen: 1.231 ug/l
RT: 2.196 min Scan# 182
Delta R.T. -0.037 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

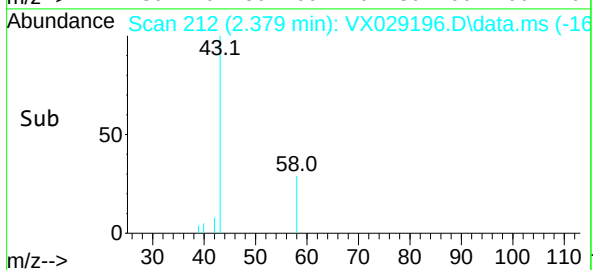
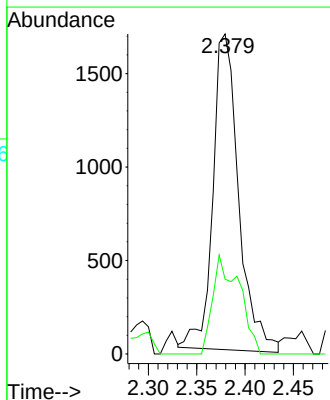
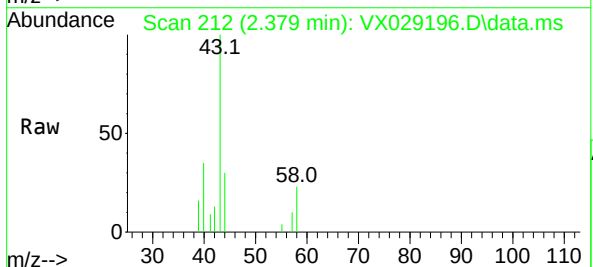
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

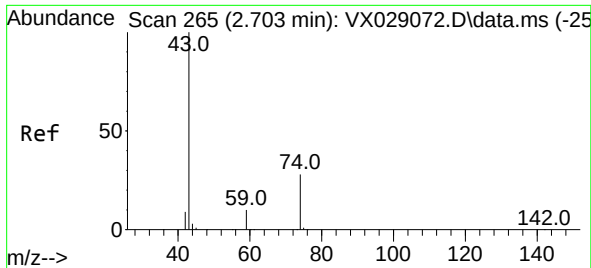
Tgt Ion: 56 Resp: 454
Ion Ratio Lower Upper
56 100
55 93.0 55.0 82.6#



#16
Acetone
Concen: 2.263 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 43 Resp: 3131
Ion Ratio Lower Upper
43 100
58 24.1 28.8 43.2#

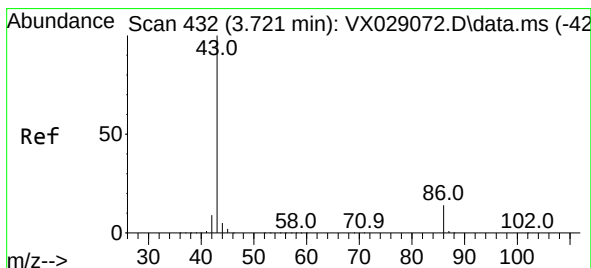
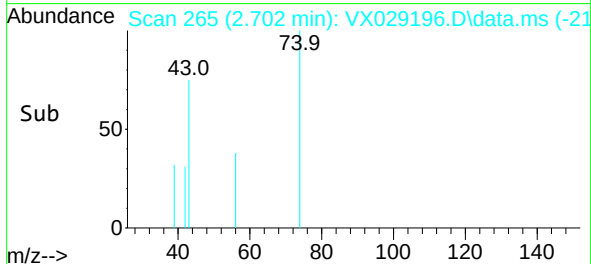
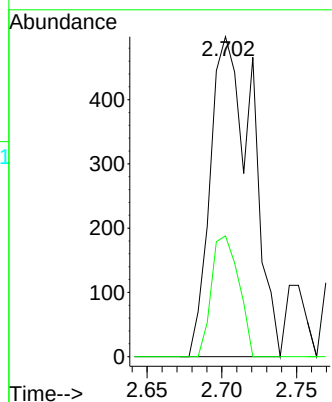
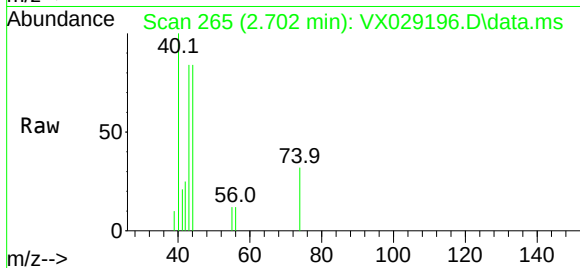




#18
Methyl Acetate
Concen: 0.272 ug/l
RT: 2.702 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

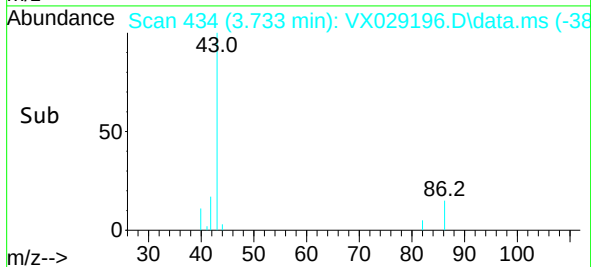
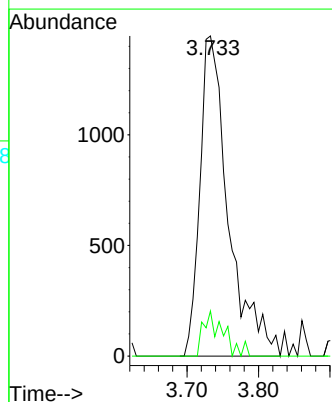
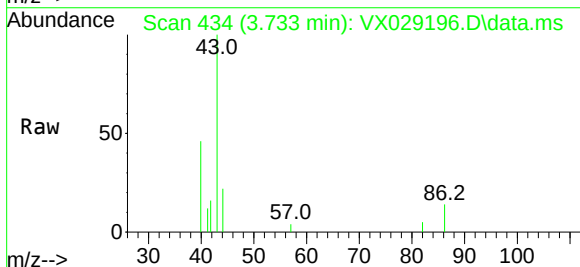
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

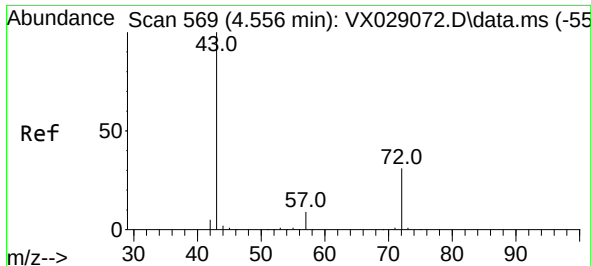
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
74 24.5 22.8 34.2



#23
Vinyl Acetate
Concen: 0.570 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 43 Resp: 4014
Ion Ratio Lower Upper
43 100
86 14.1 10.8 16.2

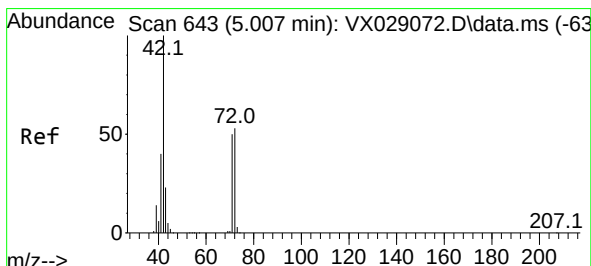
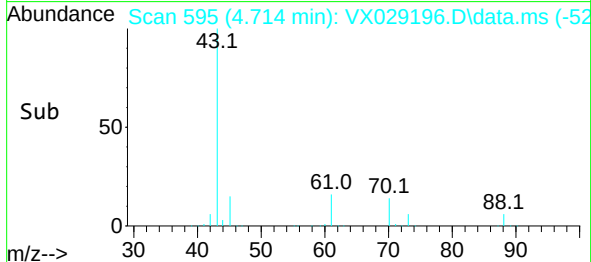
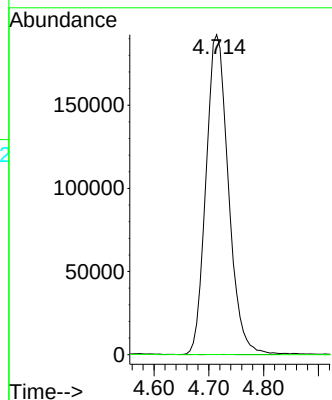
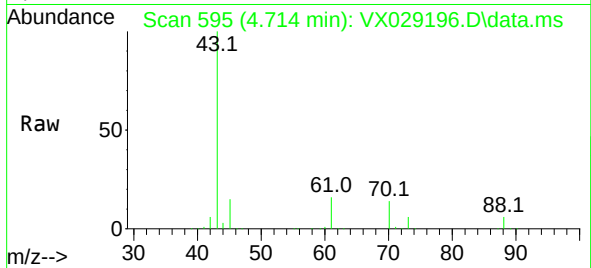




#25
2-Butanone
Concen: 244.507 ug/l
RT: 4.714 min Scan# 51
Delta R.T. 0.158 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

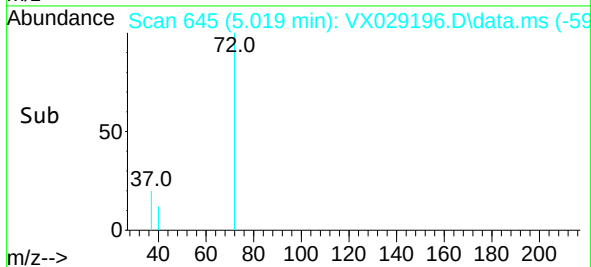
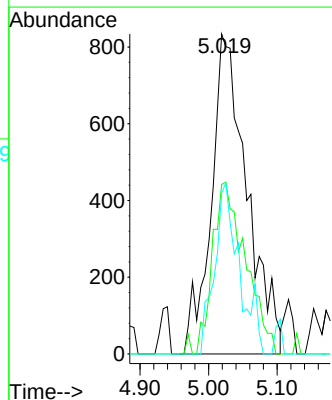
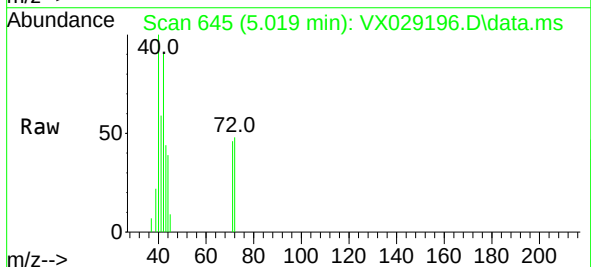
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

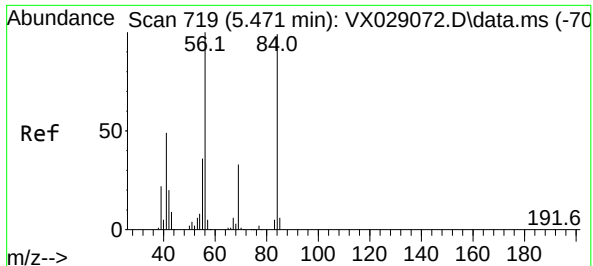
Tgt Ion: 43 Resp: 545755
Ion Ratio Lower Upper
43 100
72 0.1 24.4 36.6#



#29
Tetrahydrofuran
Concen: 2.107 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 42 Resp: 3016
Ion Ratio Lower Upper
42 100
72 49.6 44.1 66.1
71 34.2 40.5 60.7#

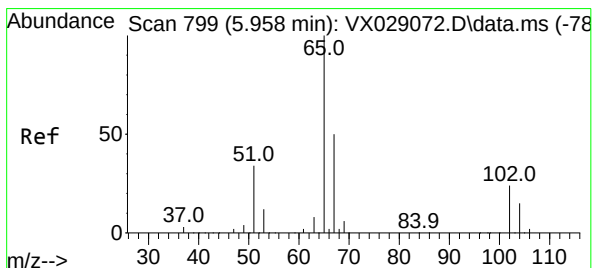
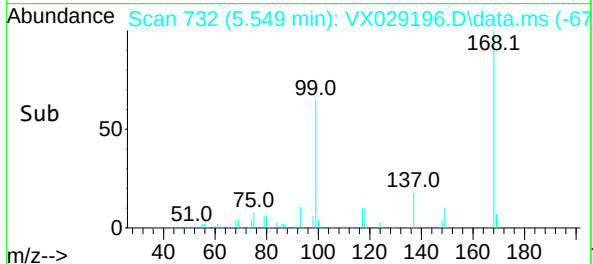
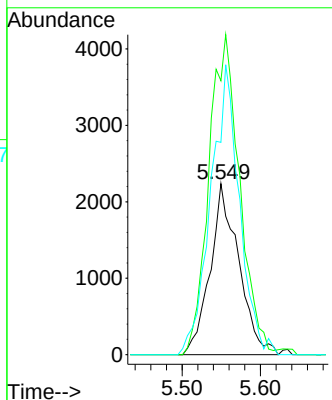
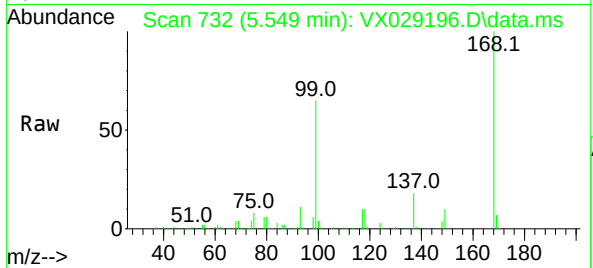




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

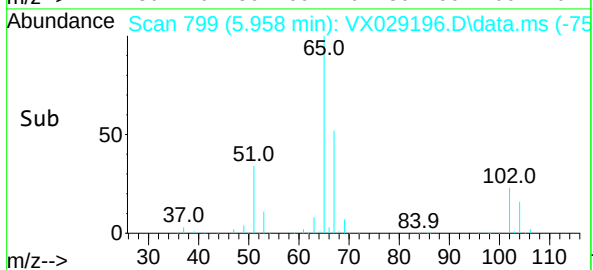
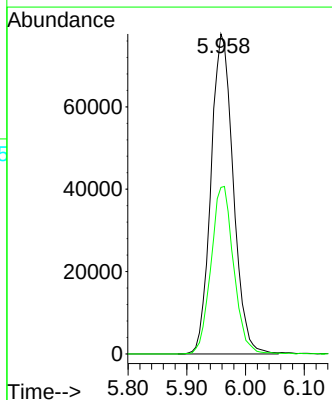
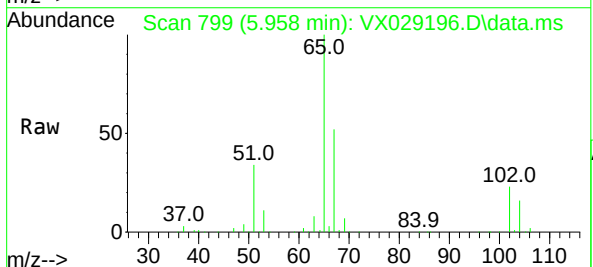
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

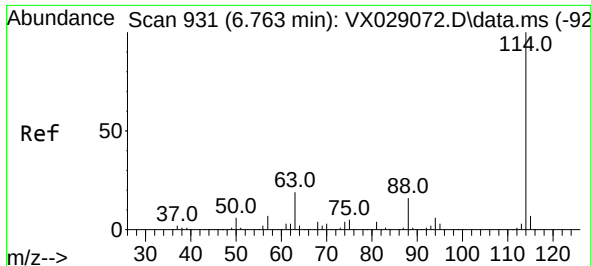
Tgt Ion: 56 Resp: 5665
Ion Ratio Lower Upper
56 100
69 160.3 26.7 40.1#
84 124.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.268 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 65 Resp: 204749
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

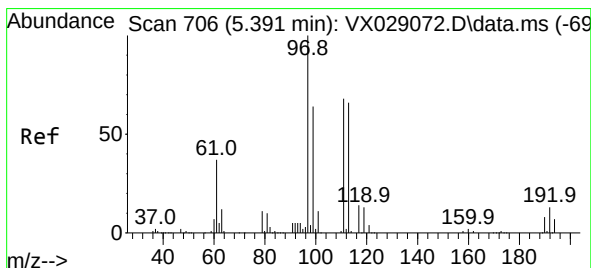
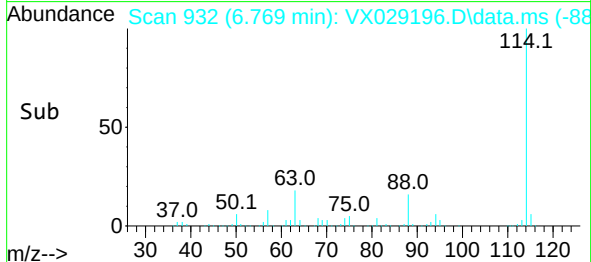
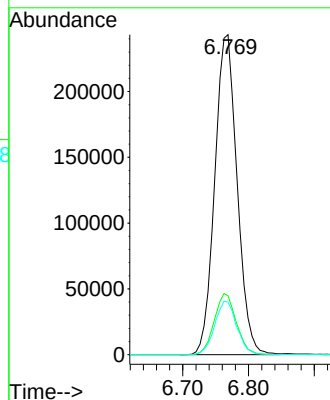
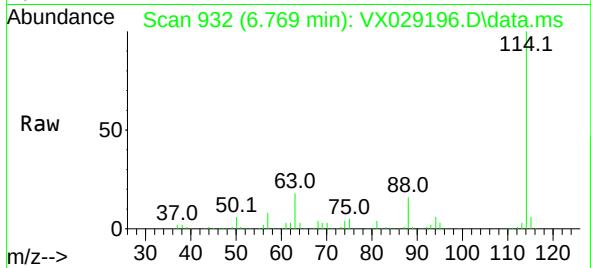




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

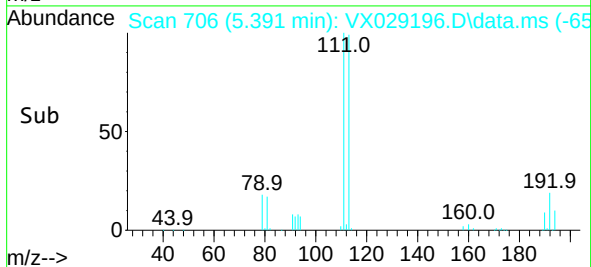
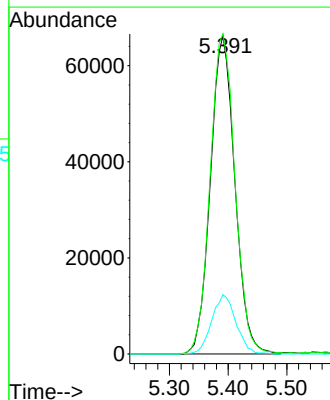
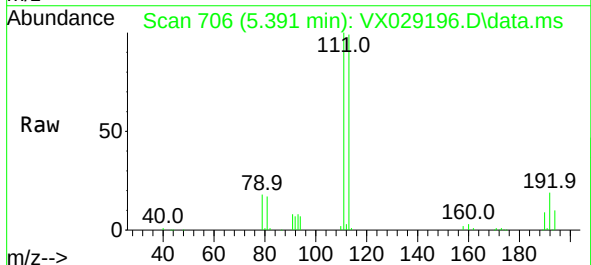
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

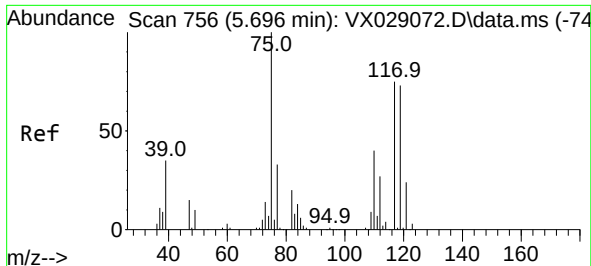
Tgt Ion:114 Resp: 575704
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.047 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion:113 Resp: 191378
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.5 16.9 25.3

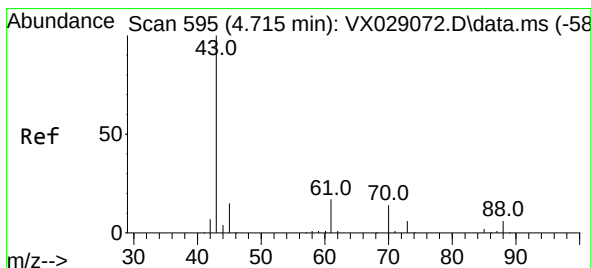
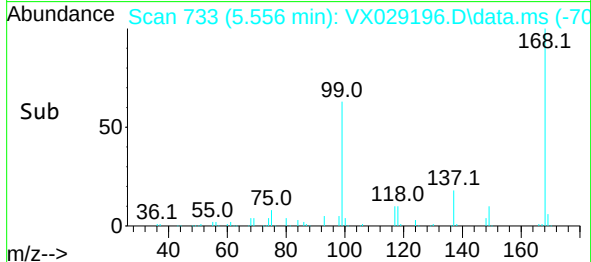
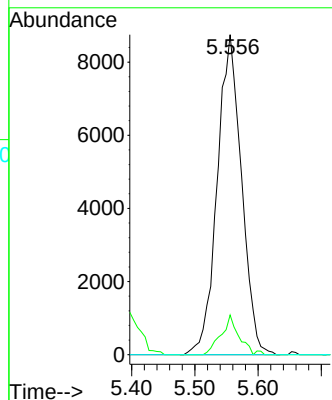
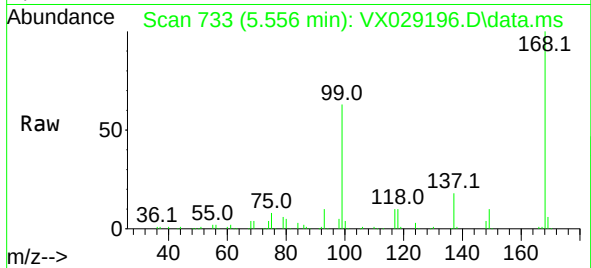




#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.556 min Scan# 756
Delta R.T. -0.140 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

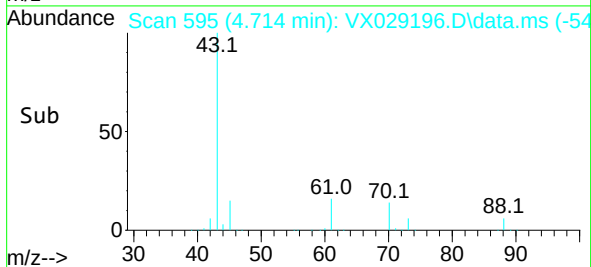
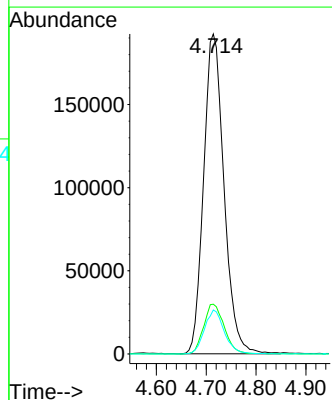
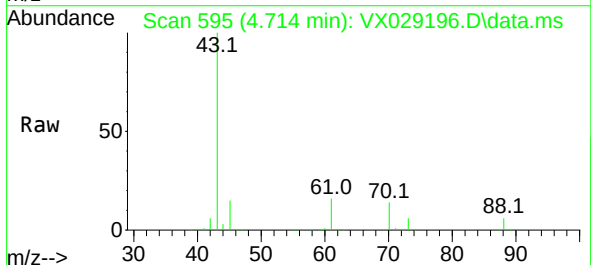
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

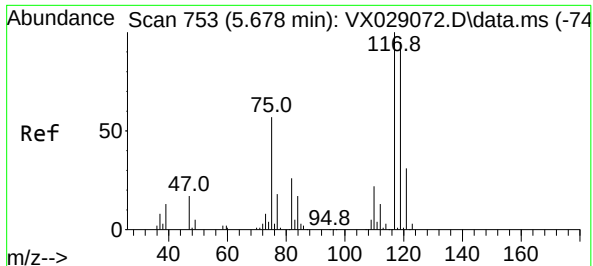
Tgt Ion: 75 Resp: 23320
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 114.582 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

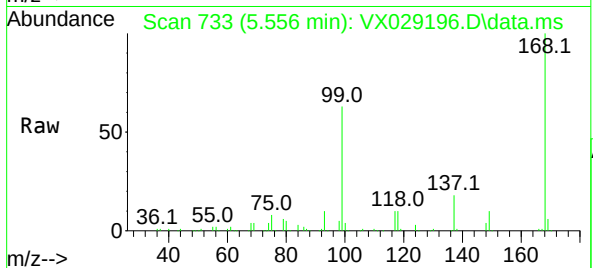
Tgt Ion: 43 Resp: 546384
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 13.5 10.2 15.2



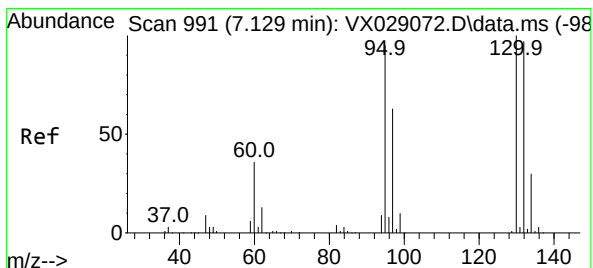
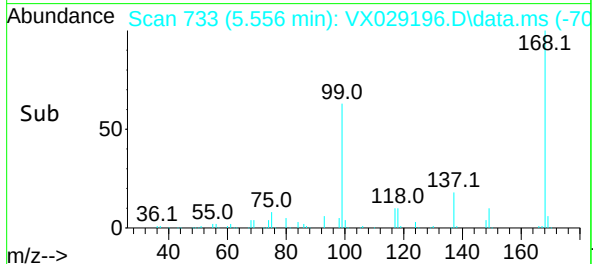
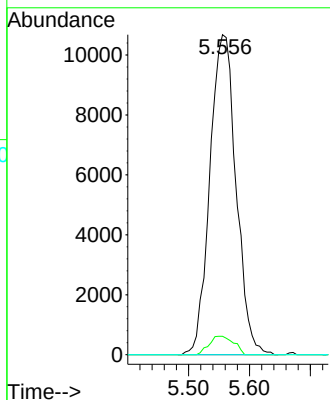


#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

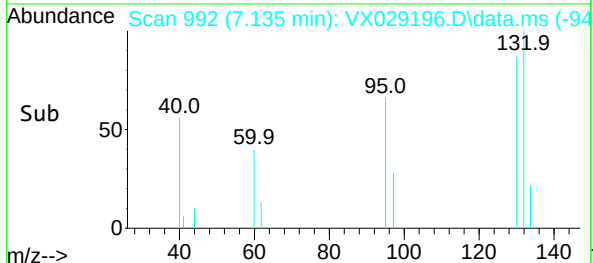
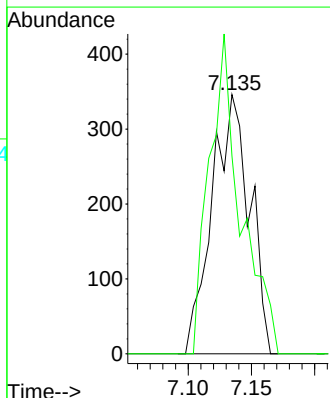
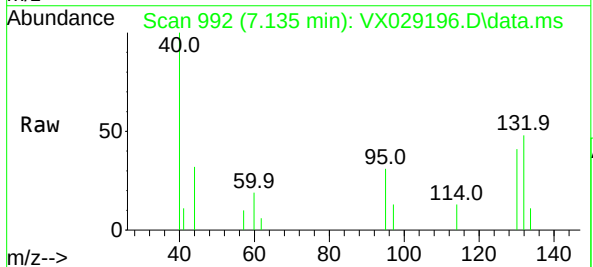


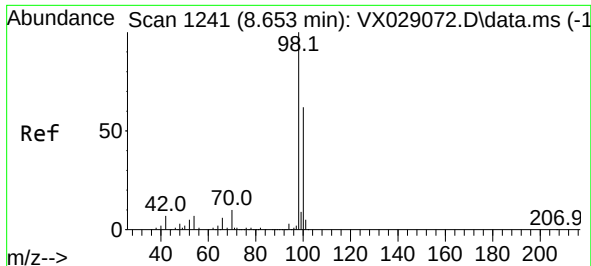
Tgt Ion:117 Resp: 31919
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion:130 Resp: 716
Ion Ratio Lower Upper
130 100
95 76.3 0.0 188.8

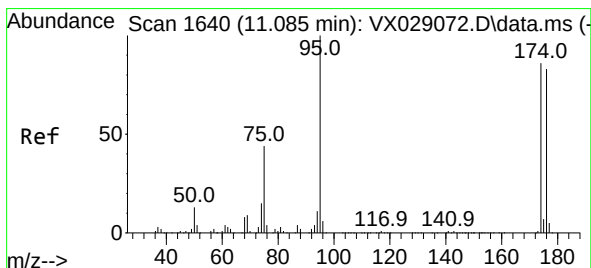
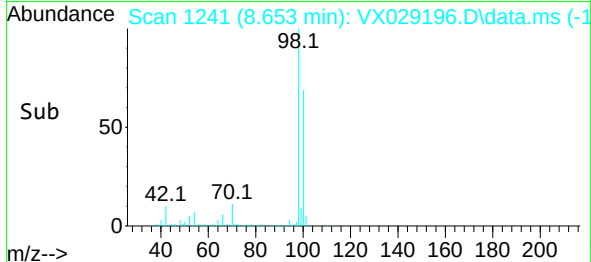
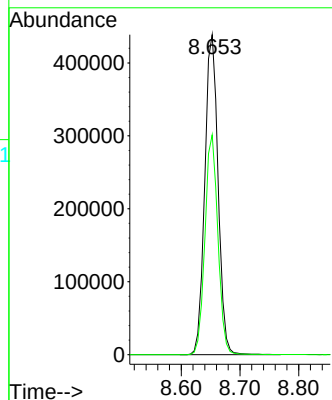
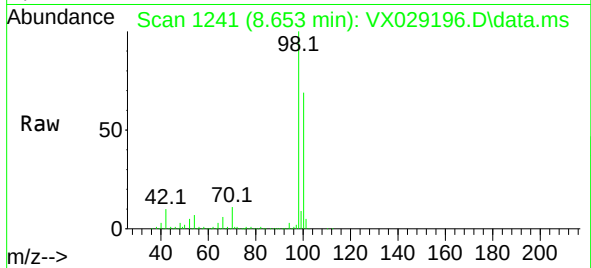




#50
Toluene-d8
Concen: 49.296 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

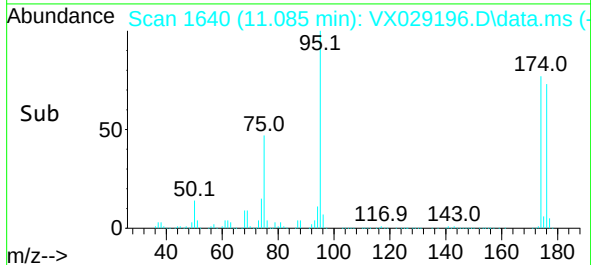
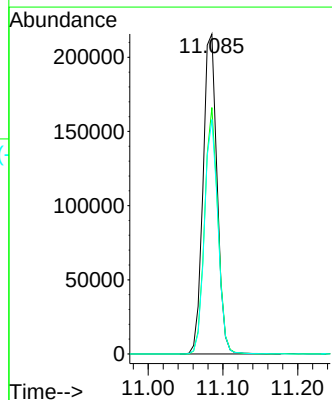
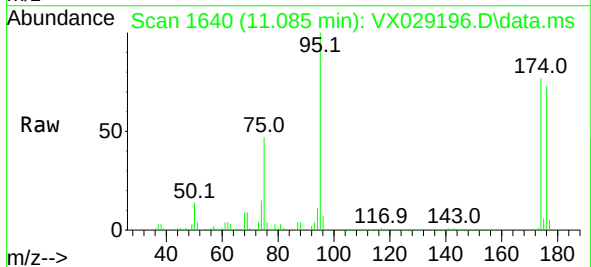
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

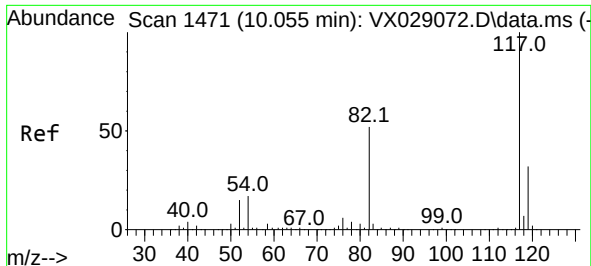
Tgt Ion: 98 Resp: 689438
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 95 Resp: 280825
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.8 0.0 155.0

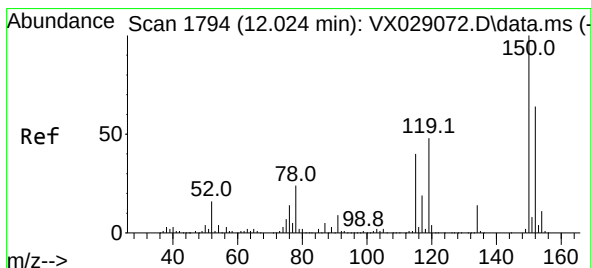
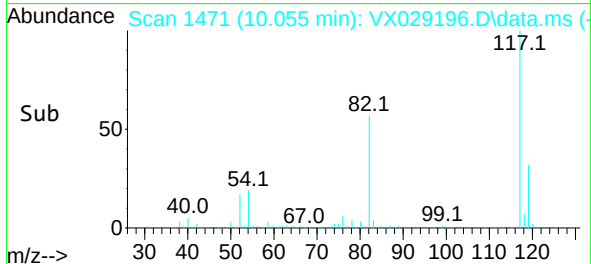
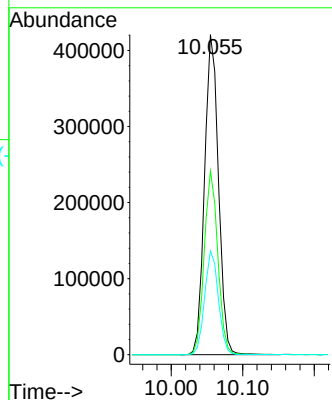
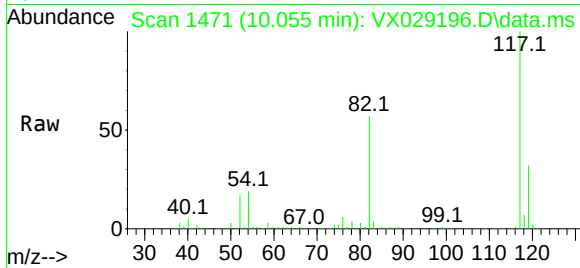




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

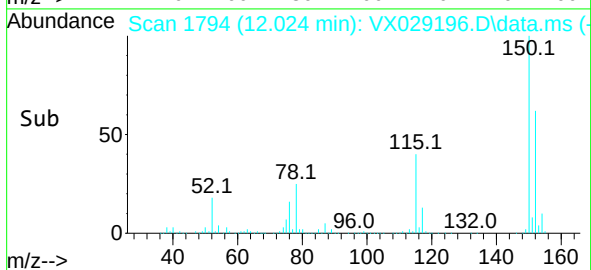
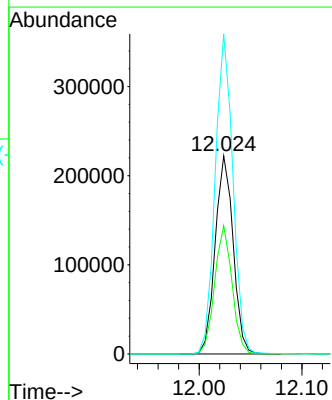
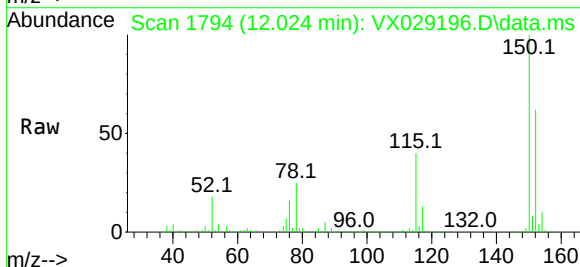
Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

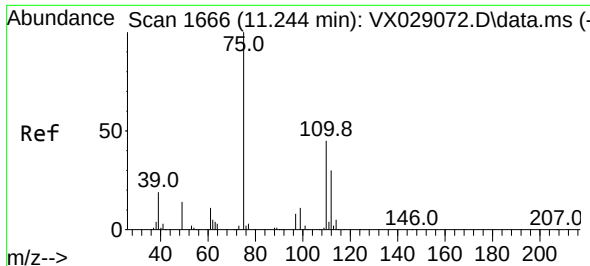
Tgt Ion:117 Resp: 569734
Ion Ratio Lower Upper
117 100
82 57.4 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion:152 Resp: 269508
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 159.1 0.0 338.2

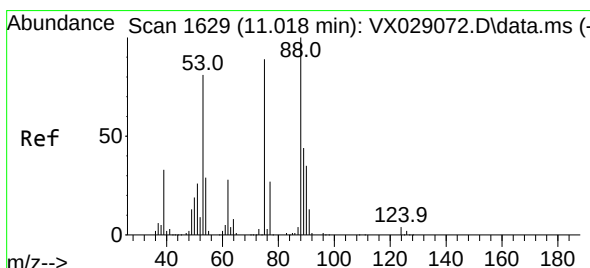
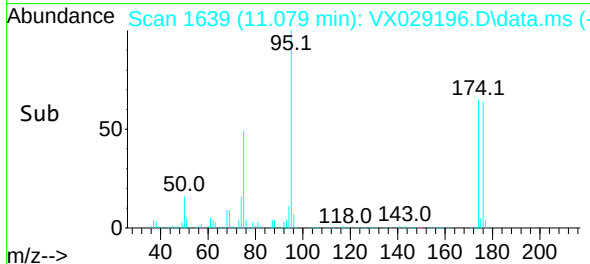
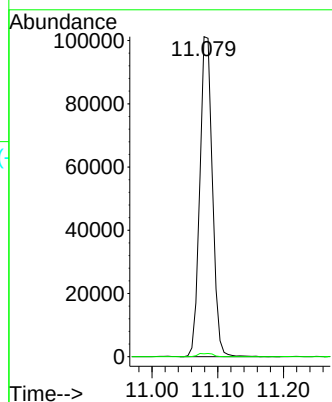
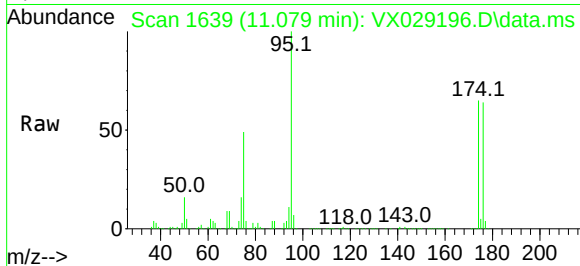




#76
1,2,3-Trichloropropane
Concen: 24.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
34BR-20220531

Tgt Ion: 75 Resp: 134763
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029196.D
Acq: 03 Jun 2022 17:35

Tgt Ion: 75 Resp: 134763
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

