

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029177.D
 Acq On : 03 Jun 2022 08:38
 Operator : JC/MD
 Sample : N3164-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20220531

Quant Time: Jun 03 09:43:50 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)

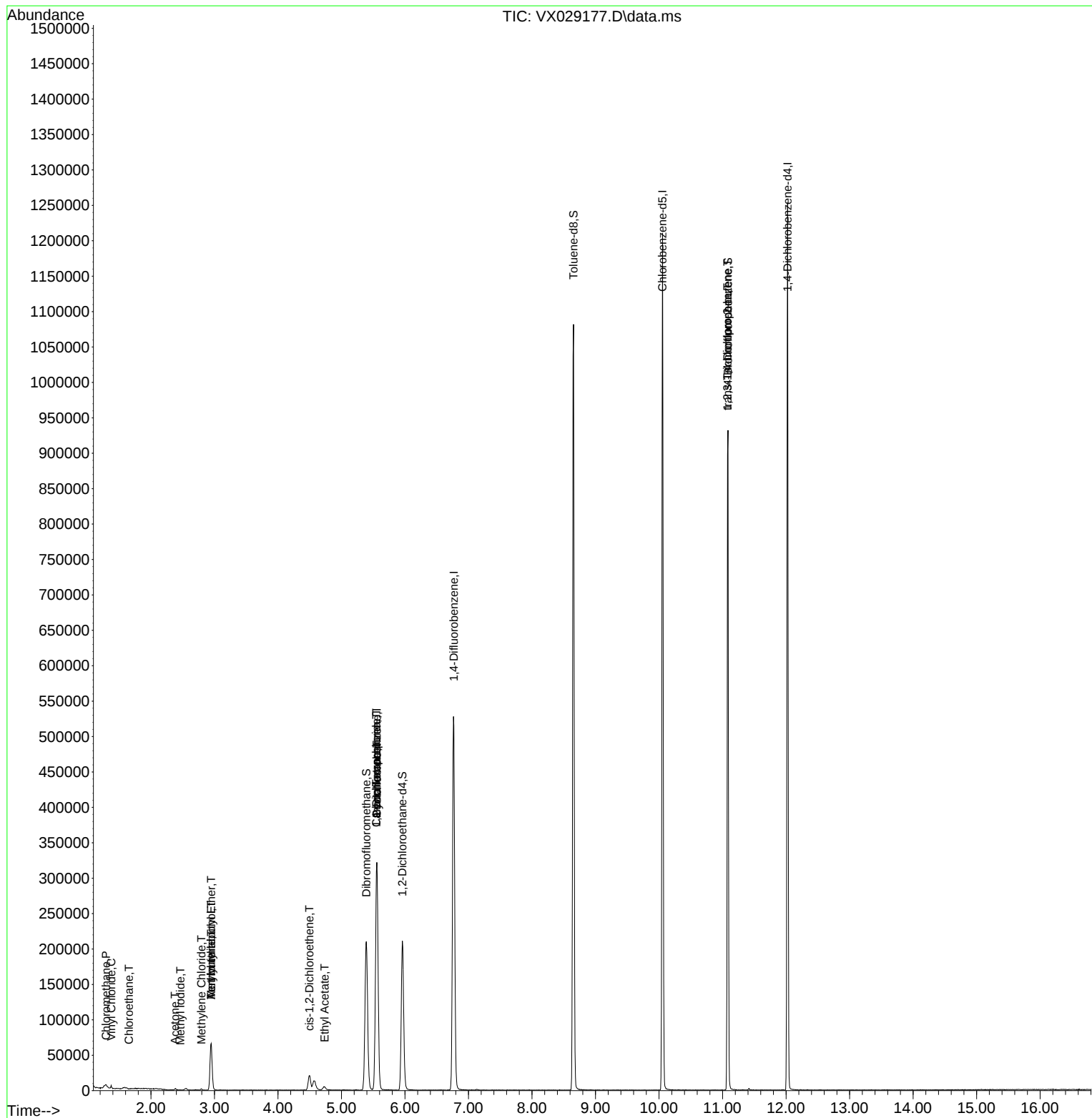
Internal Standards						
1) Pentafluorobenzene	5.556	168	304857	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	570148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	559792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201860	58.720	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.440%	
35) Dibromofluoromethane	5.391	113	191225	50.494	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.980%	
50) Toluene-d8	8.653	98	674245	48.679	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.360%	
62) 4-Bromofluorobenzene	11.085	95	268307	50.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	575	0.207	ug/l	# 42
4) Vinyl Chloride	1.374	62	2321	0.761	ug/l	95
5) Bromomethane	1.617	94	571	Below Cal	#	67
6) Chloroethane	1.654	64	163	1.465	ug/l	# 43
10) Methyl Iodide	2.465	142	334	4.316	ug/l	# 67
11) Tert butyl alcohol	2.946	59	38353	48.160	ug/l	# 76
15) Acrylonitrile	2.946	53	597	0.364	ug/l	# 22
16) Acetone	2.380	43	2259	1.669	ug/l	90
19) Methyl tert-butyl Ether	2.946	73	2050	0.220	ug/l	# 91
20) Methylene Chloride	2.794	84	715	0.227	ug/l	# 83
27) cis-1,2-Dichloroethene	4.495	96	14234	3.850	ug/l	85
31) Cyclohexane	5.556	56	5295	1.185	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	23671	4.858	ug/l	# 49
37) Ethyl Acetate	4.733	43	8750	1.853	ug/l	# 94
38) Carbon Tetrachloride	5.550	117	32535	5.842	ug/l	# 16
44) Trichloroethene	7.135	130	275	Below Cal		50
76) 1,2,3-Trichloropropane	11.079	75	127835	24.346	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	127835	71.426	ug/l	# 15

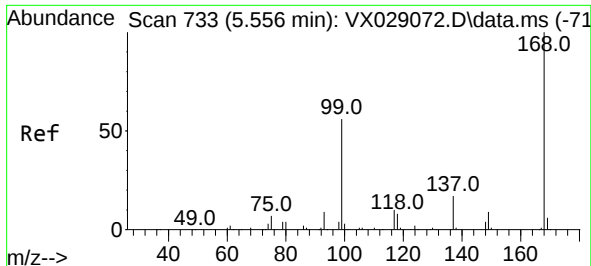
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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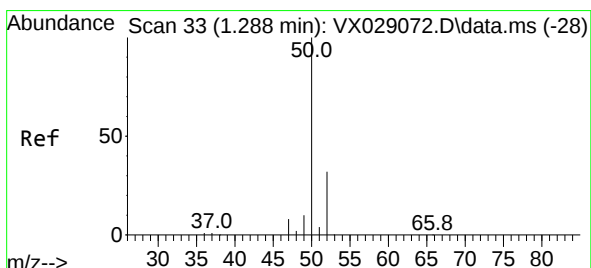
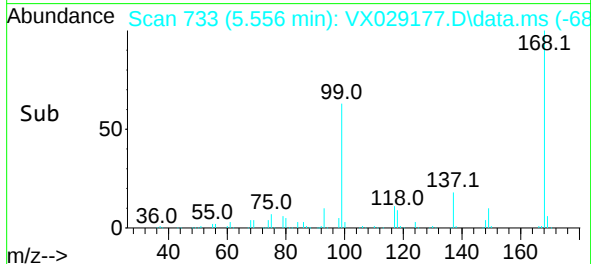
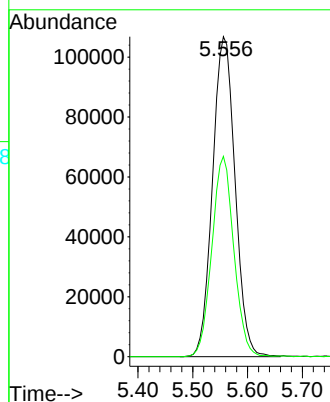
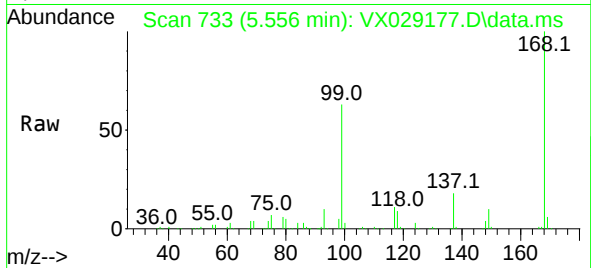




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

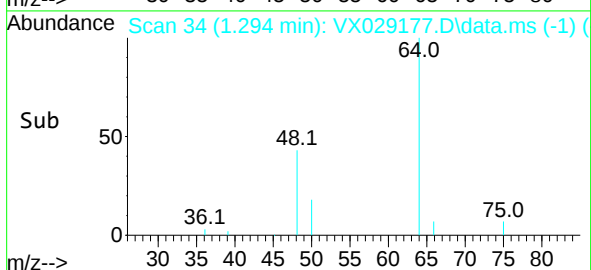
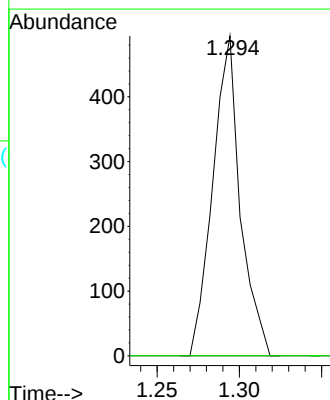
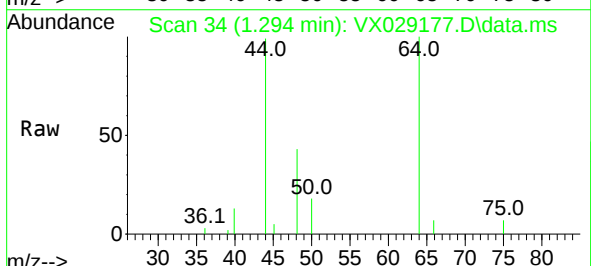
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

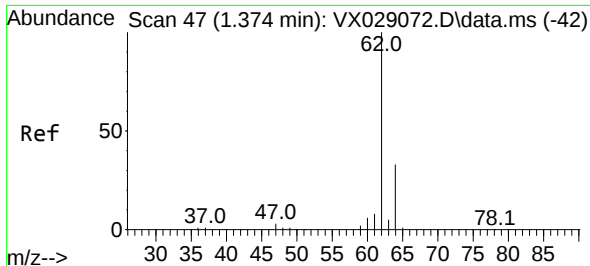
Tgt Ion:168 Resp: 304857
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

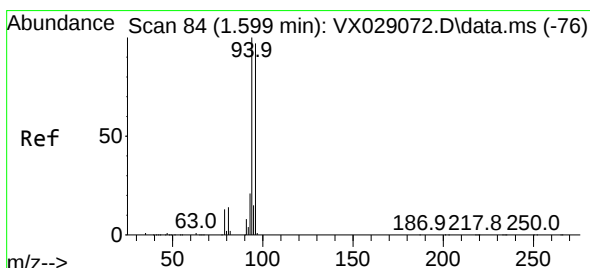
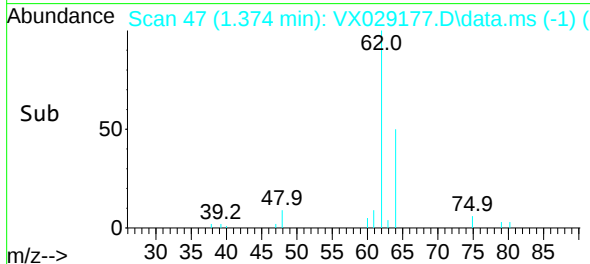
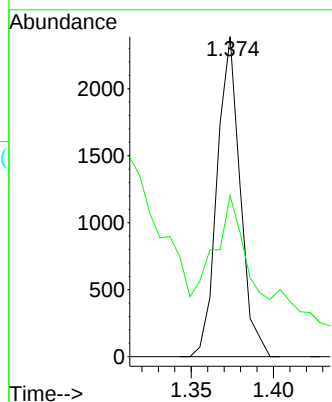
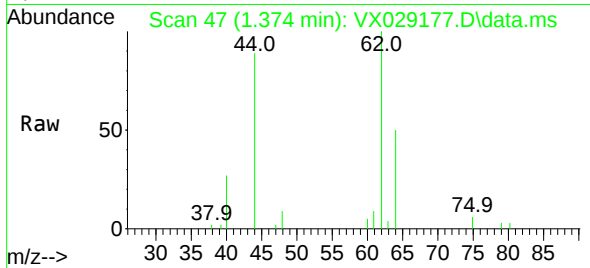




#4
 Vinyl Chloride
 Concen: 0.761 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029177.D
 Acq: 03 Jun 2022 08:38

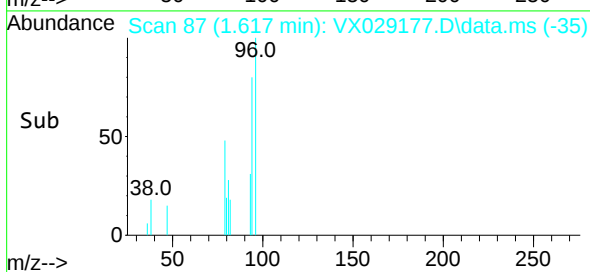
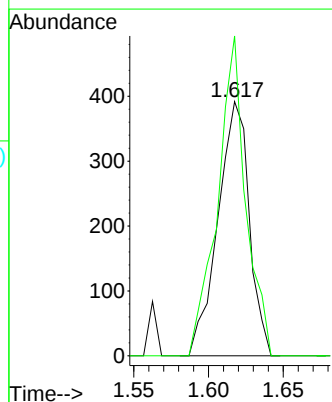
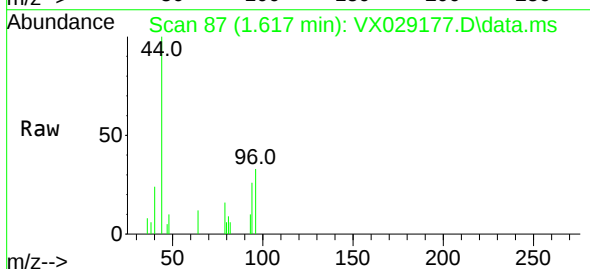
Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20220531

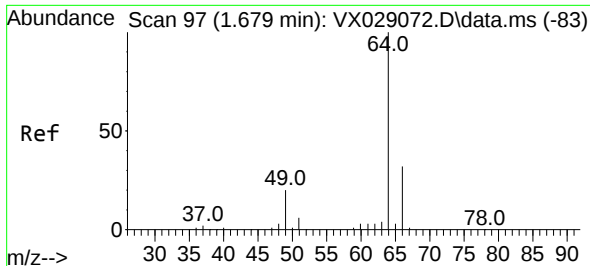
Tgt Ion: 62 Resp: 2321
 Ion Ratio Lower Upper
 62 100
 64 29.3 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX029177.D
 Acq: 03 Jun 2022 08:38

Tgt Ion: 94 Resp: 571
 Ion Ratio Lower Upper
 94 100
 96 125.8 75.3 112.9#

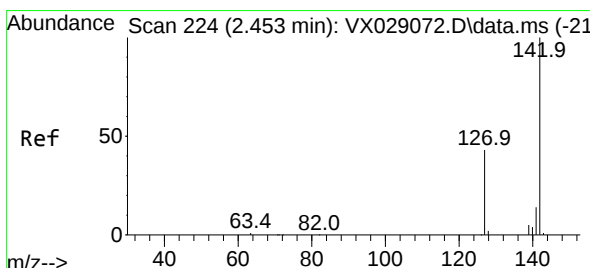
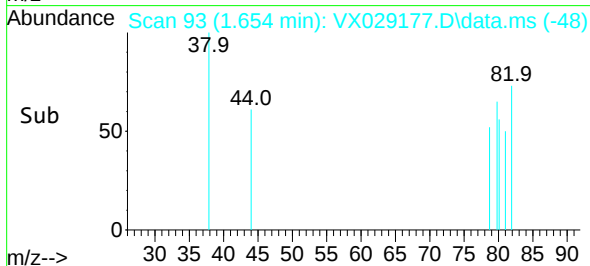
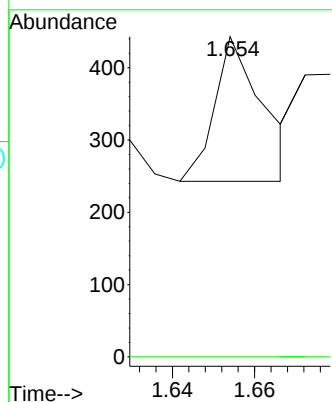
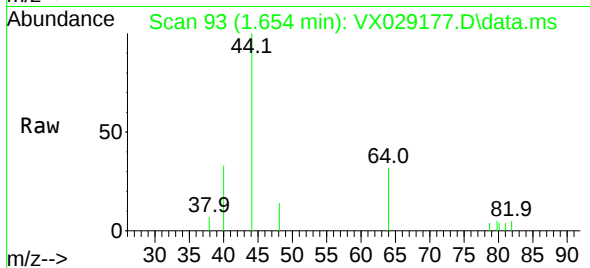




#6
Chloroethane
Concen: 1.465 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

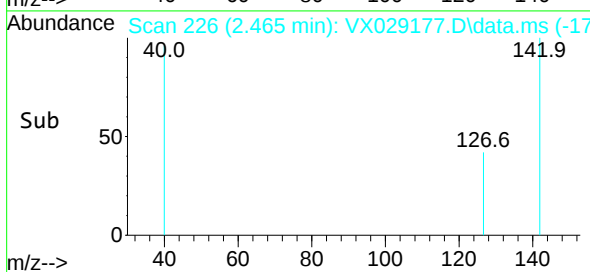
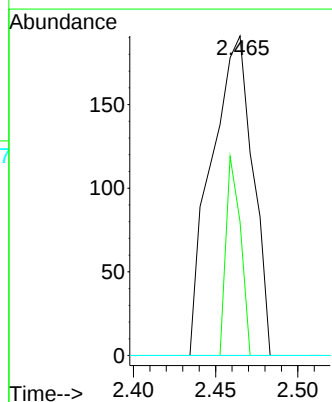
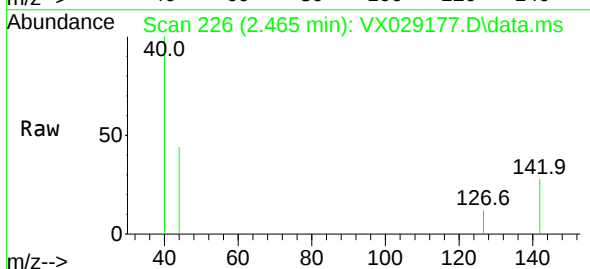
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

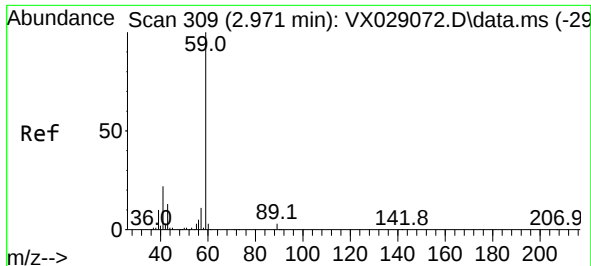
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.316 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 142 Resp: 334
Ion Ratio Lower Upper
142 100
127 21.9 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 48.160 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.025 min

Lab File: VX029177.D

Acq: 03 Jun 2022 08:38

Instrument :

MSVOA_X

ClientSampleId :

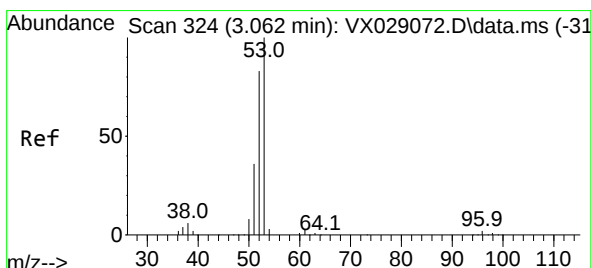
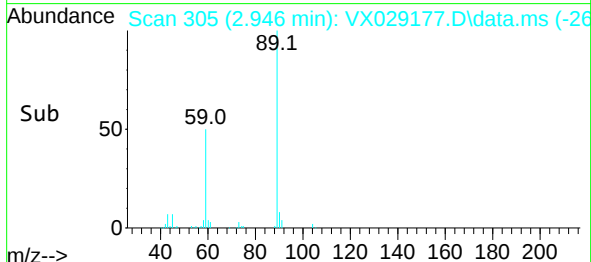
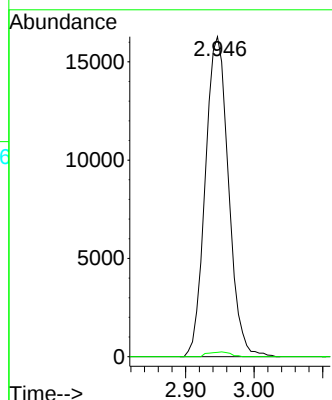
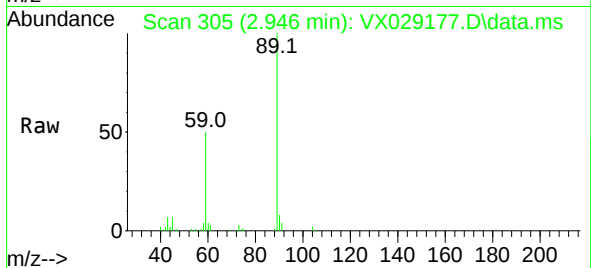
40BR-20220531

Tgt Ion: 59 Resp: 38353

Ion Ratio Lower Upper

59 100

57 1.4 8.3 12.5#



#15

Acrylonitrile

Concen: 0.364 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.116 min

Lab File: VX029177.D

Acq: 03 Jun 2022 08:38

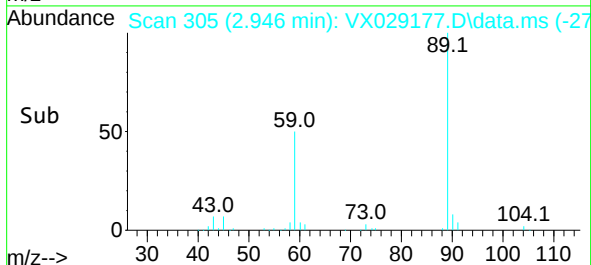
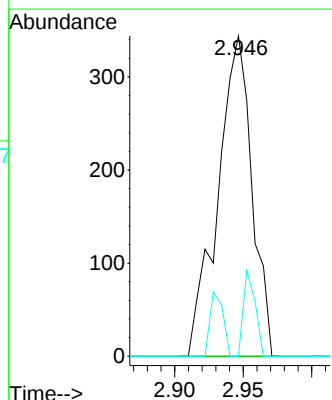
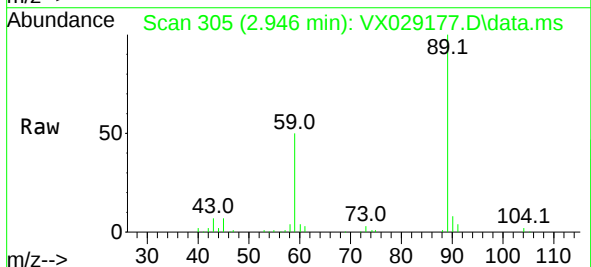
Tgt Ion: 53 Resp: 597

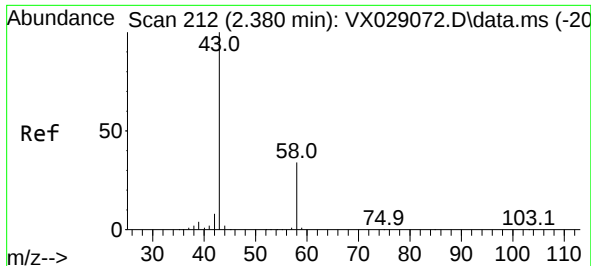
Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 9.2 28.4 42.6#

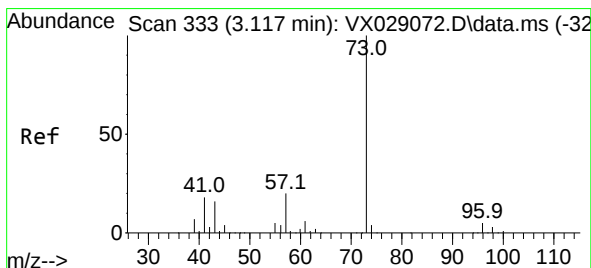
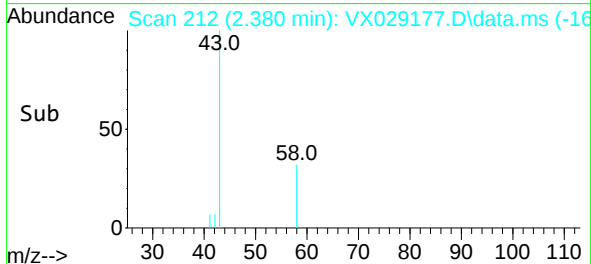
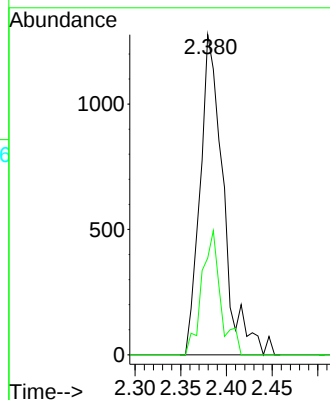
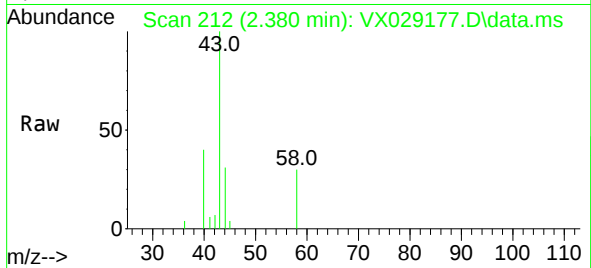




#16
Acetone
Concen: 1.669 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

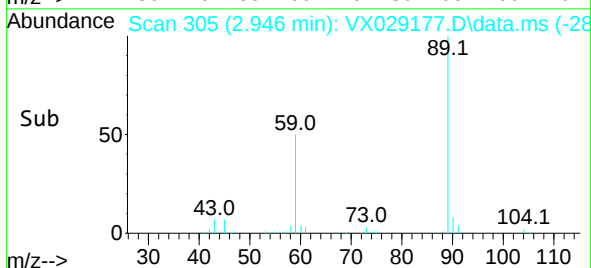
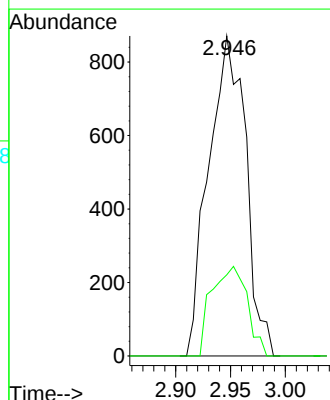
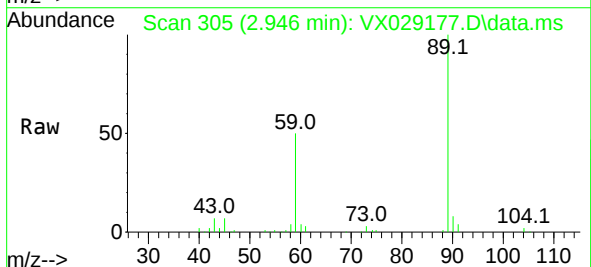
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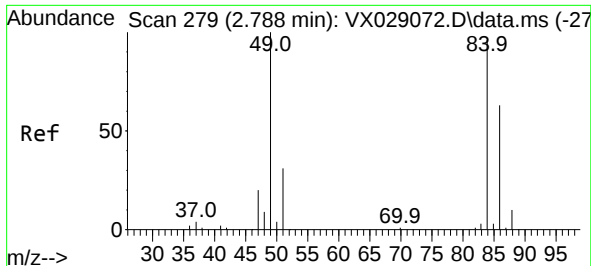
Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.220 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.171 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 73 Resp: 2050
Ion Ratio Lower Upper
73 100
57 25.4 16.8 25.2#

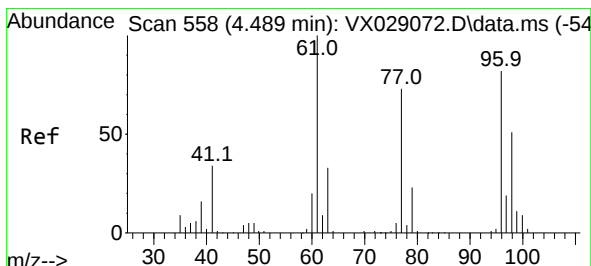
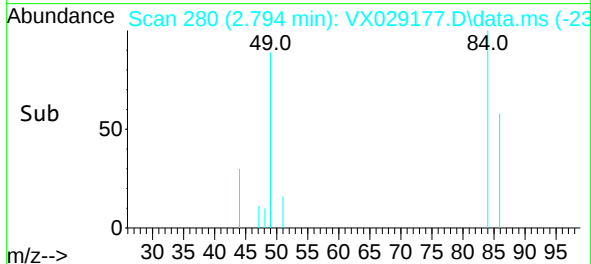
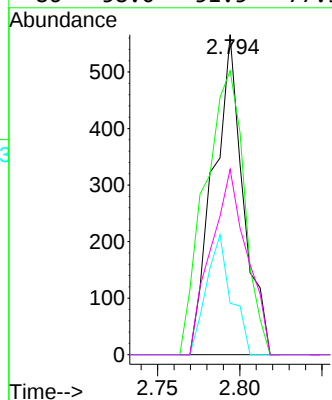
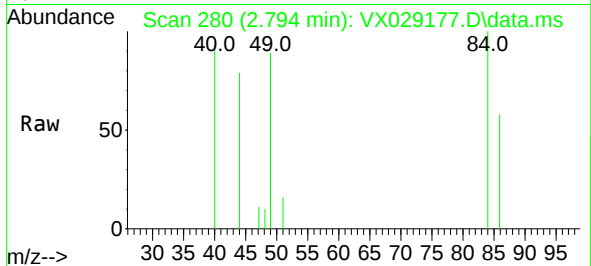




#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

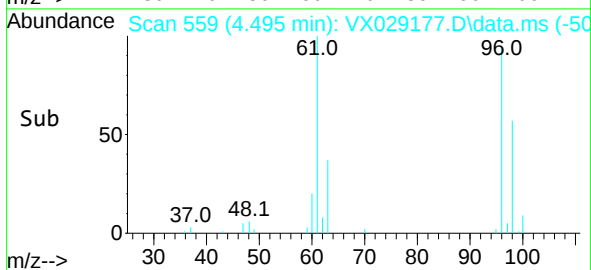
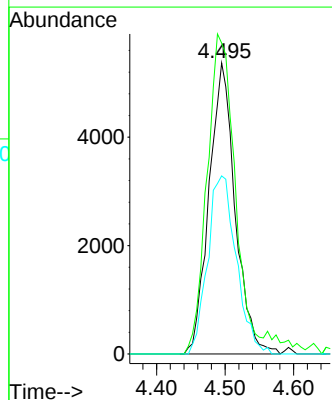
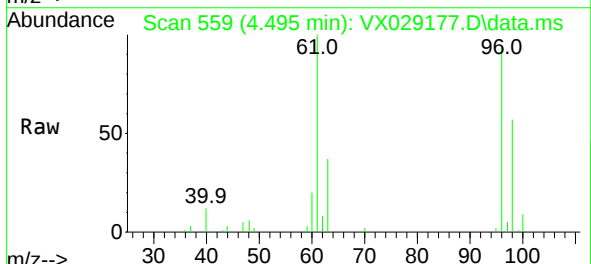
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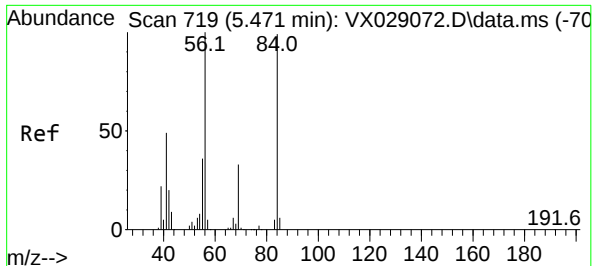
Tgt Ion: 84	Resp: 715
Ion Ratio	Lower Upper
84 100	
49 88.7	85.5 128.3
51 16.1	26.6 39.8#
86 58.0	51.5 77.3



#27
cis-1,2-Dichloroethene
Concen: 3.850 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 96	Resp: 14234
Ion Ratio	Lower Upper
96 100	
61 117.0	0.0 283.8
98 67.0	0.0 129.8

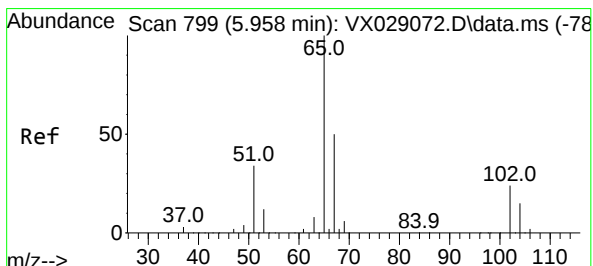
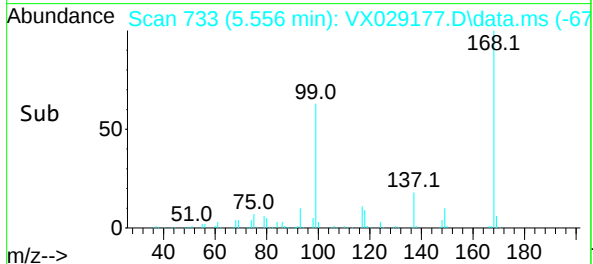
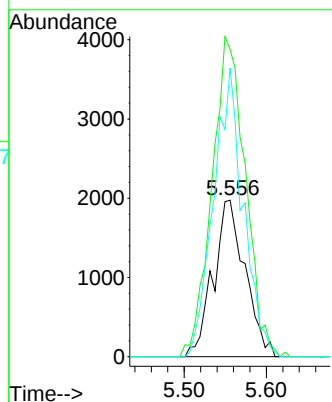
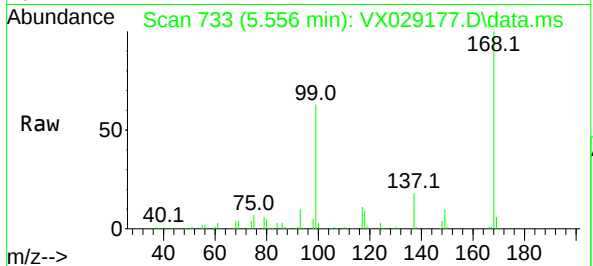




#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

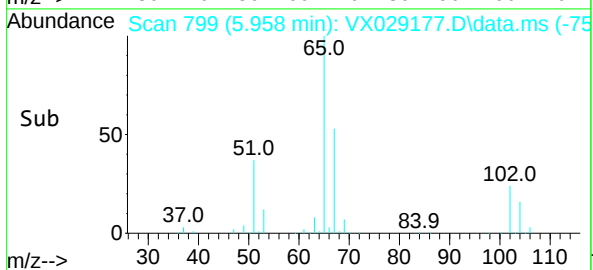
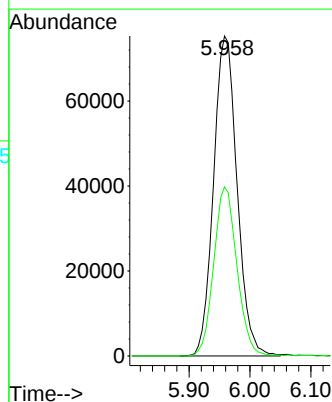
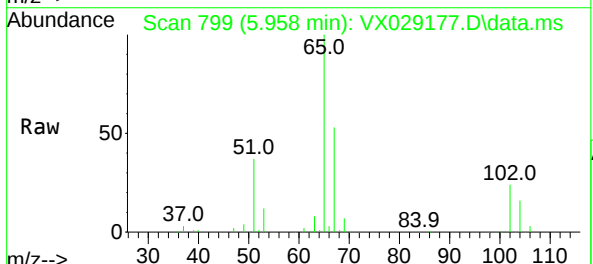
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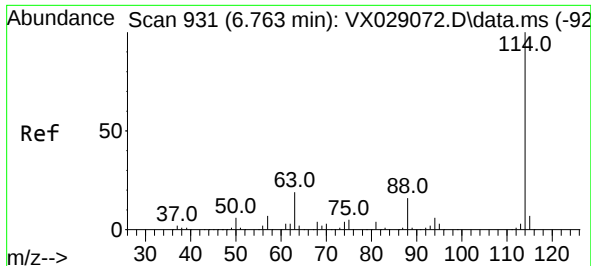
Tgt Ion: 56 Resp: 5295
Ion Ratio Lower Upper
56 100
69 196.4 26.7 40.1#
84 184.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.720 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 65 Resp: 201860
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

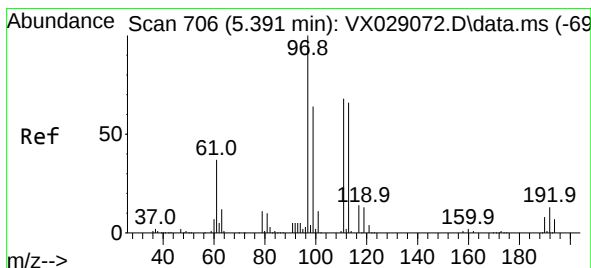
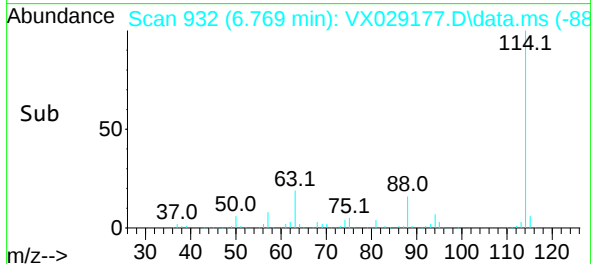
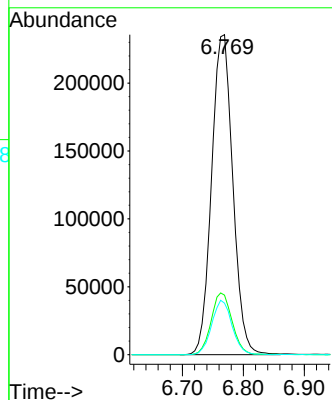
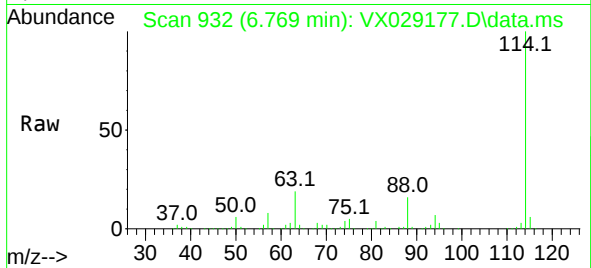




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

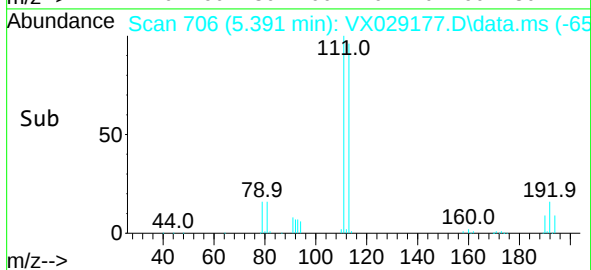
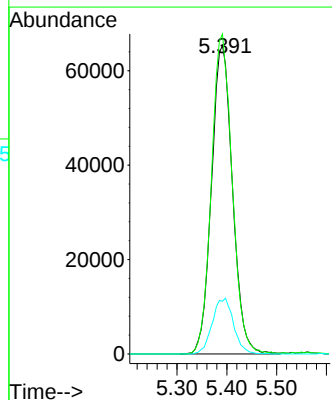
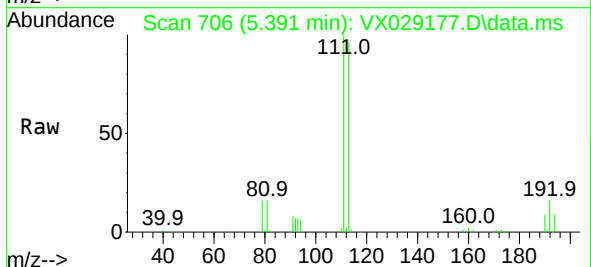
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

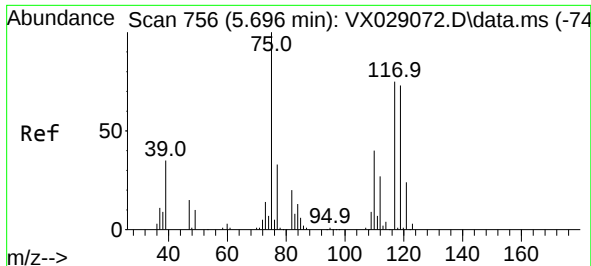
Tgt Ion:114 Resp: 570148
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.494 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion:113 Resp: 191225
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.3 16.9 25.3

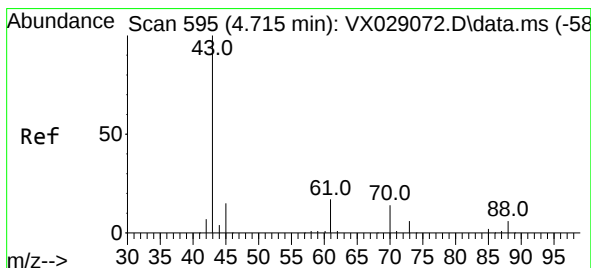
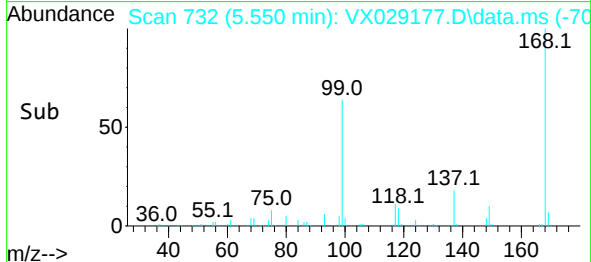
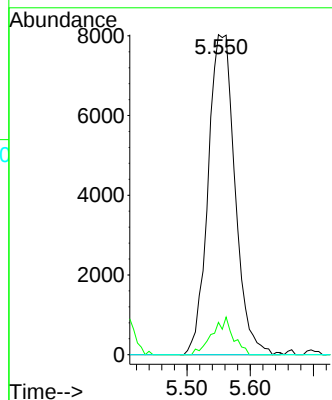
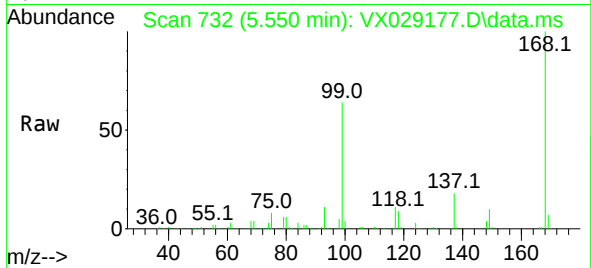




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

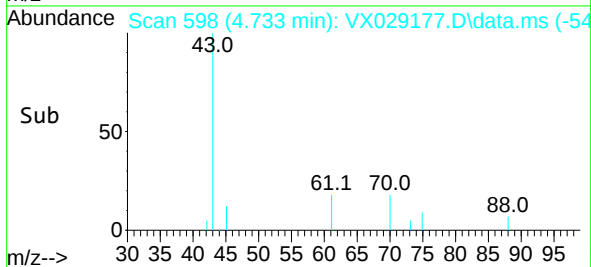
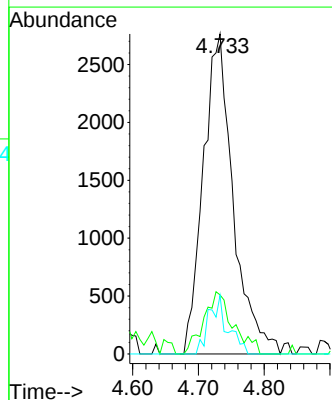
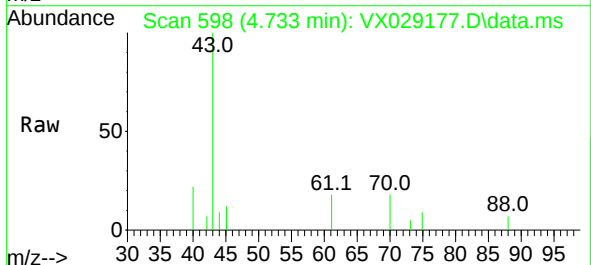
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

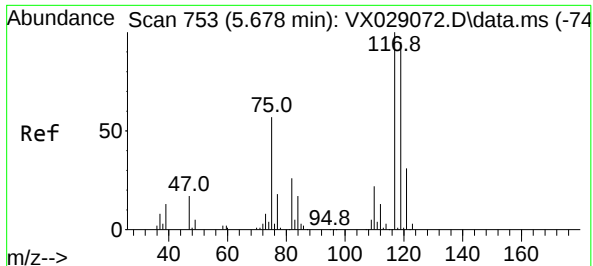
Tgt Ion: 75 Resp: 23671
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.853 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

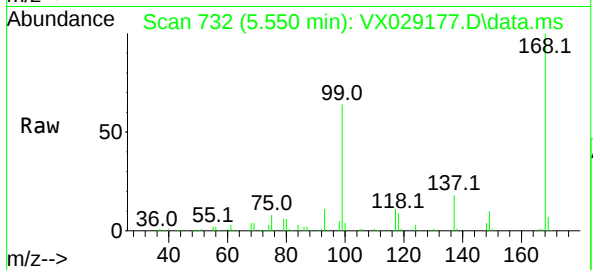
Tgt Ion: 43 Resp: 8750
Ion Ratio Lower Upper
43 100
61 19.0 12.6 19.0#
70 11.4 10.2 15.2



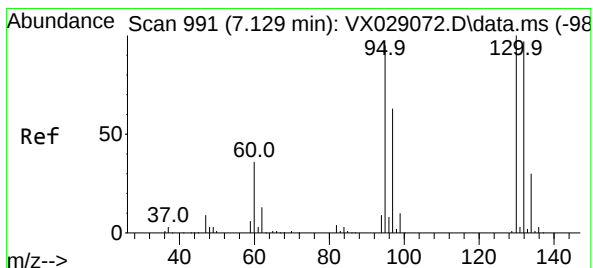
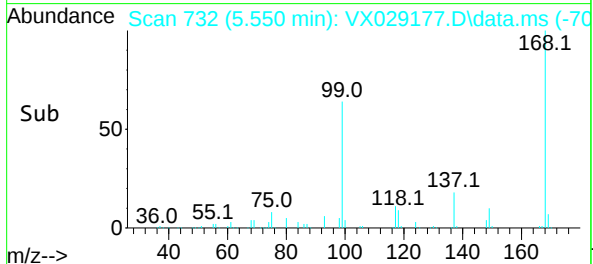
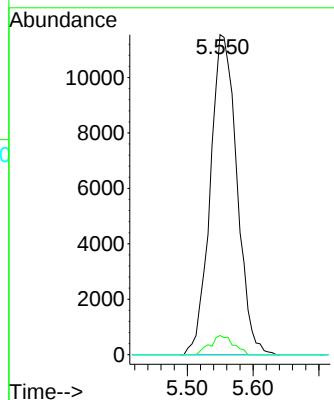


#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

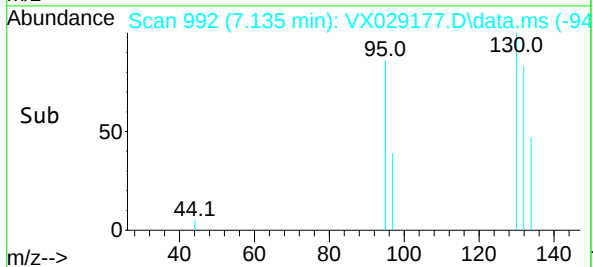
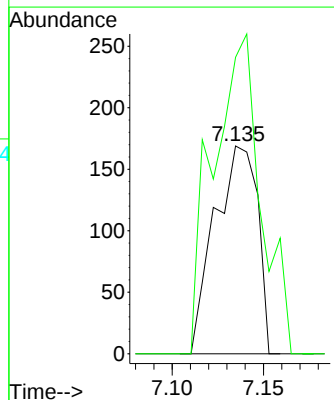
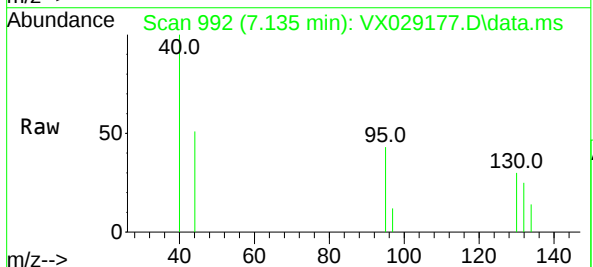


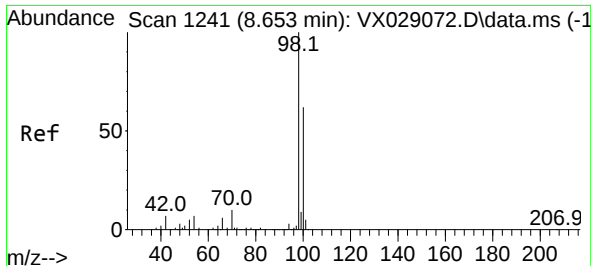
Tgt Ion:117 Resp: 32535
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion:130 Resp: 275
Ion Ratio Lower Upper
130 100
95 142.6 0.0 188.8

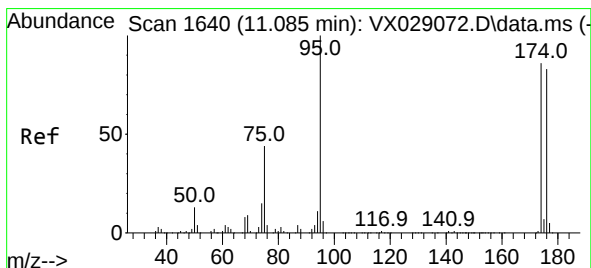
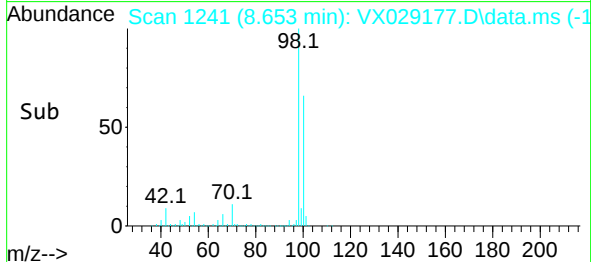
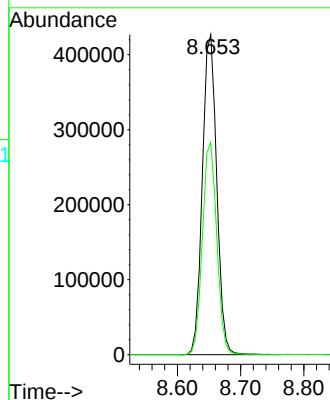
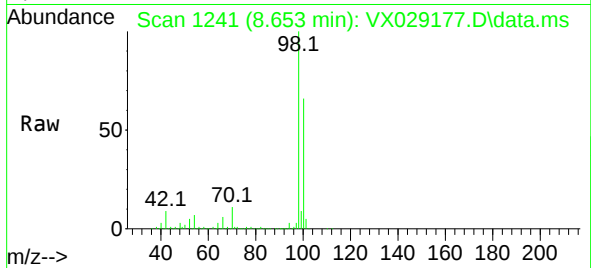




#50
Toluene-d8
Concen: 48.679 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

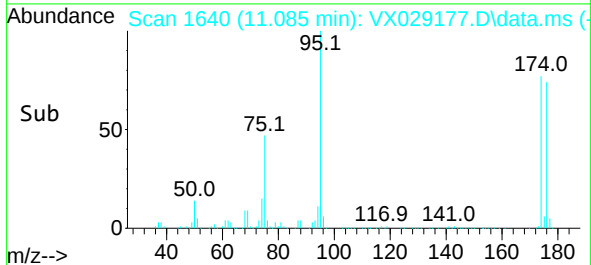
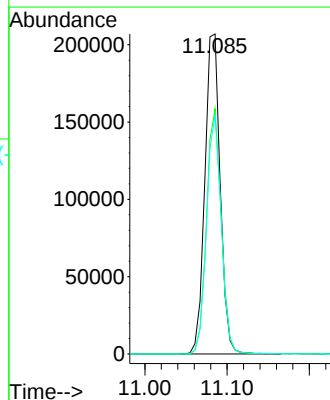
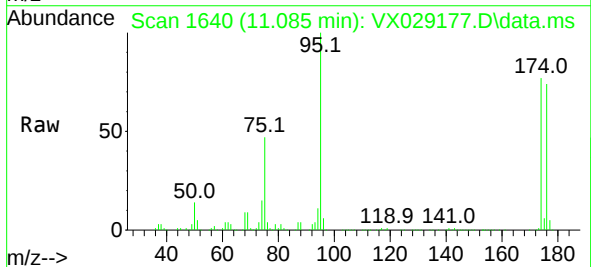
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

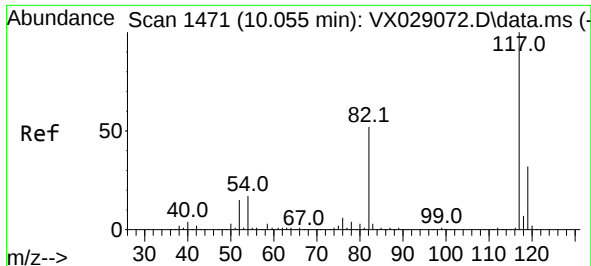
Tgt Ion: 98 Resp: 674245
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 95 Resp: 268307
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 71.6 0.0 155.0

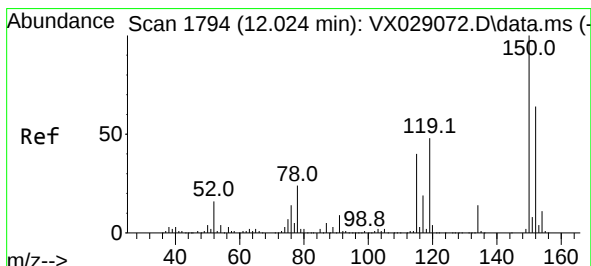
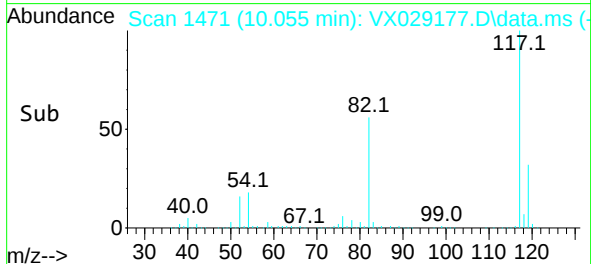
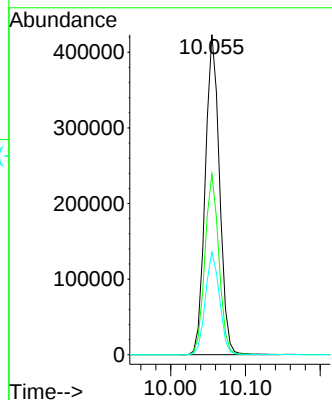
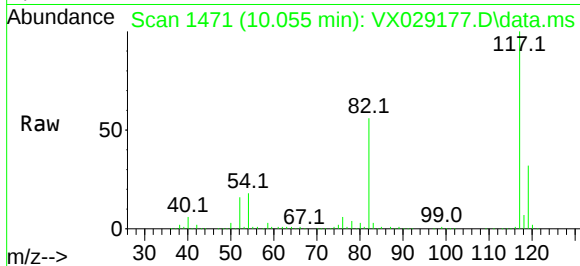




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

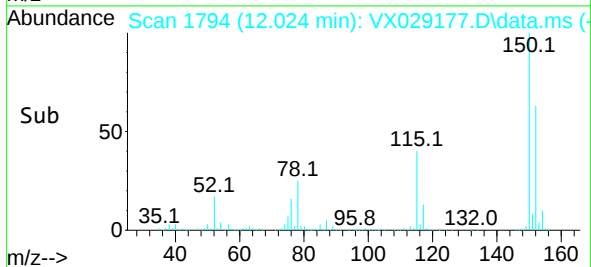
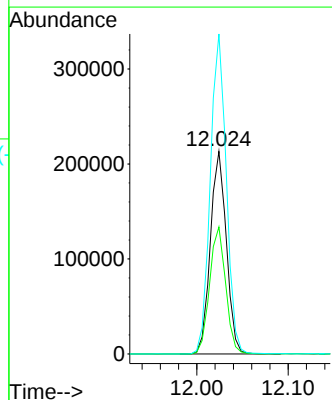
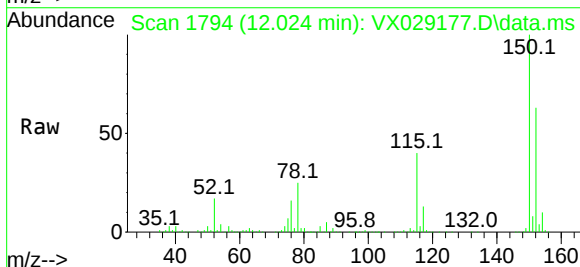
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

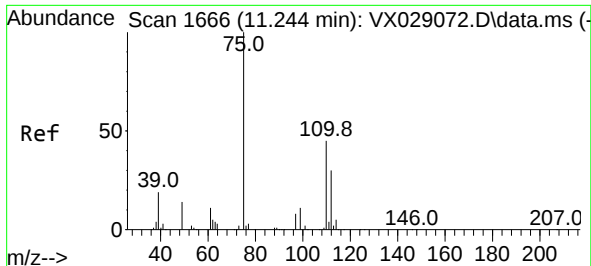
Tgt Ion:117 Resp: 559792
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion:152 Resp: 259019
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.8 0.0 338.2

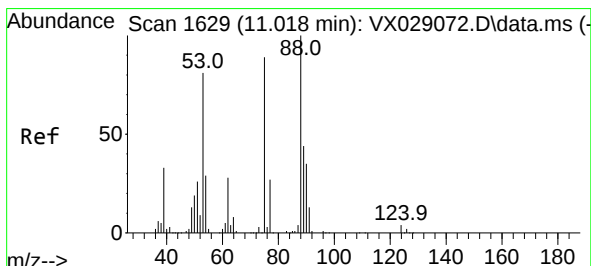
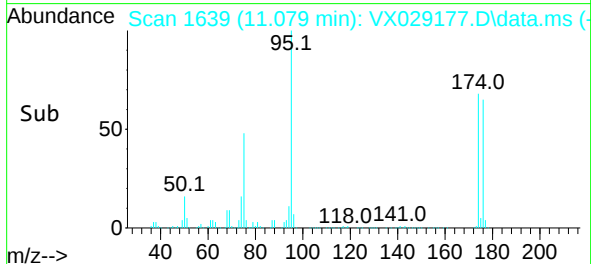
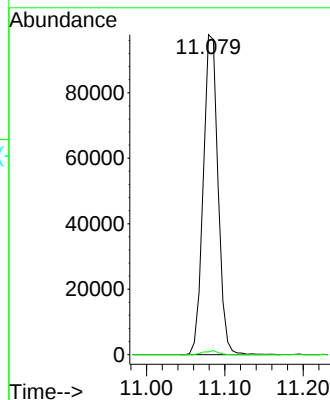
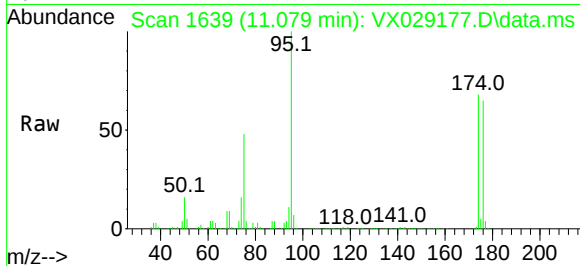




#76
1,2,3-Trichloropropane
Concen: 24.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

Tgt Ion: 75 Resp: 127835
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029177.D
Acq: 03 Jun 2022 08:38

Tgt Ion: 75 Resp: 127835
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

