

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027932.D
 Acq On : 02 Apr 2022 14:46
 Operator : JC/MD
 Sample : N2204-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4RE

Quant Time: Apr 04 04:15:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

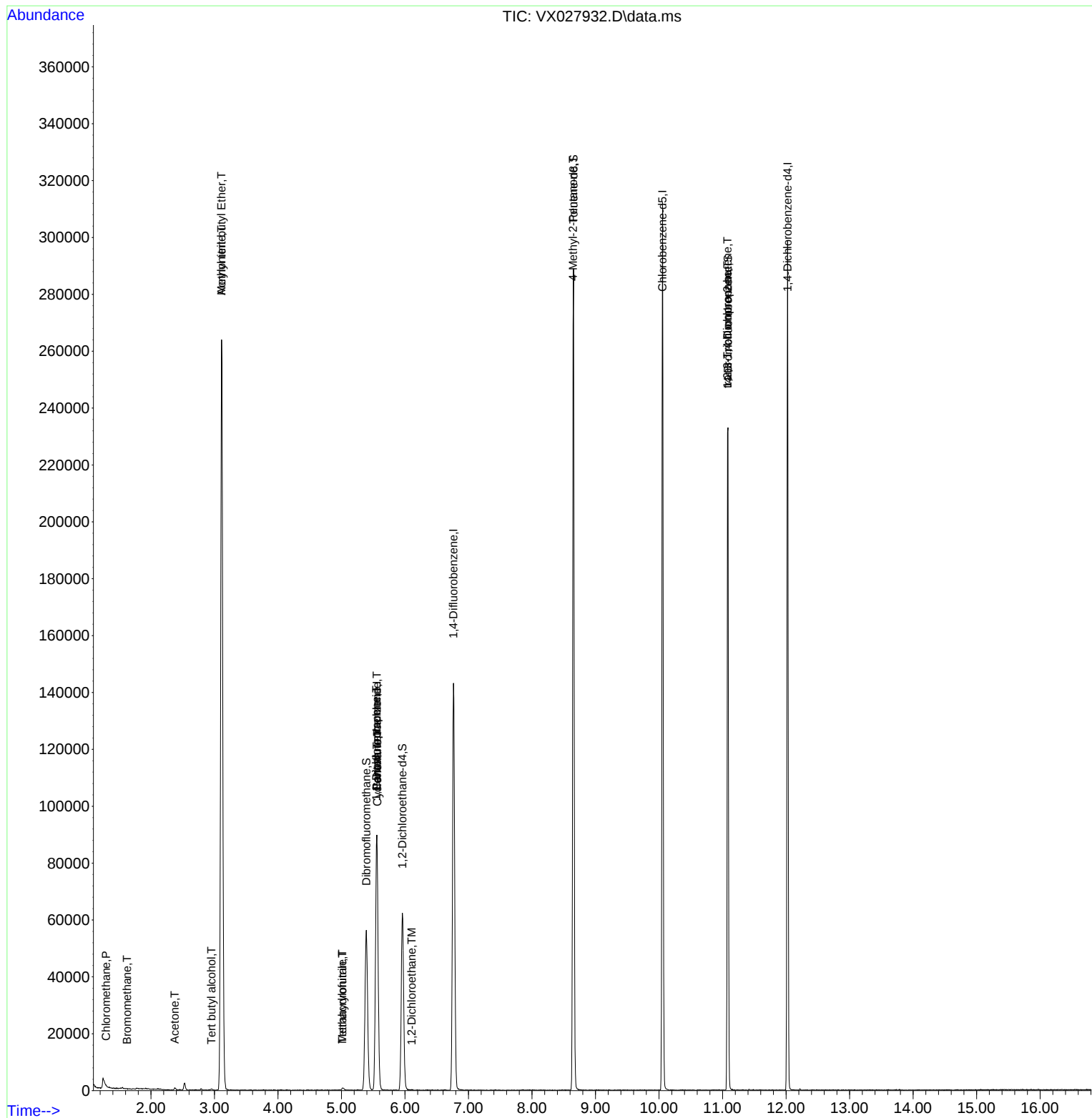
Internal Standards						
1) Pentafluorobenzene	5.556	168	78603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61874	61.008	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.020%	
35) Dibromofluoromethane	5.391	113	48170	53.464	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.920%	
50) Toluene-d8	8.653	98	168403	53.123	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	11.085	95	65675	48.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.500%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	129	0.205	ug/l	# 42
5) Bromomethane	1.624	94	133	0.457	ug/l	# 3
11) Tert butyl alcohol	2.953	59	474	2.433	ug/l	# 72
15) Acrylonitrile	3.111	53	3354	7.332	ug/l	# 26
16) Acetone	2.374	43	967	2.154	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	282864	109.939	ug/l	100
29) Tetrahydrofuran	5.013	42	839	2.000	ug/l	# 53
31) Cyclohexane	5.562	56	1765	1.574	ug/l	# 22
36) 1,1-Dichloropropene	5.550	75	7063	6.224	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	9010	7.187	ug/l	# 15
41) Methacrylonitrile	5.013	41	261	0.349	ug/l	# 31
42) 1,2-Dichloroethane	6.105	62	350	0.255	ug/l	# 73
51) 4-Methyl-2-Pentanone	8.647	43	756	0.484	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	35836	26.746	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35836	78.284	ug/l	# 15

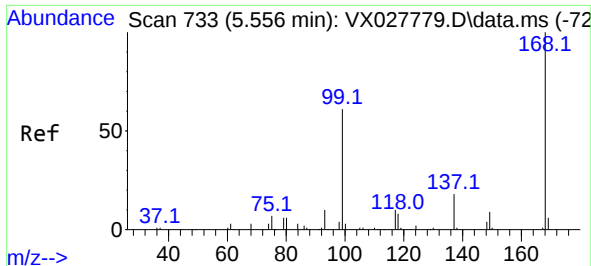
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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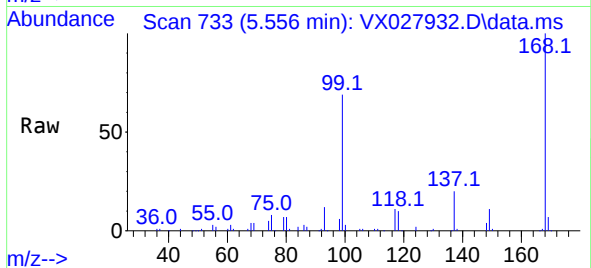
Quant Time: Apr 04 04:15:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



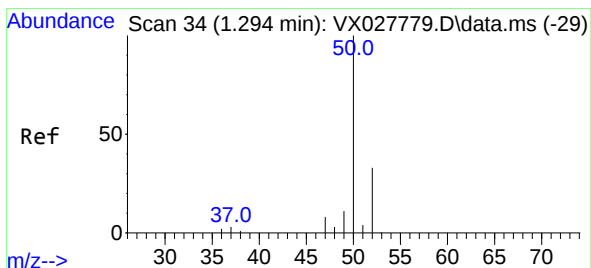
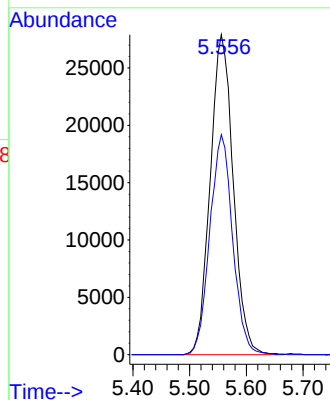


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

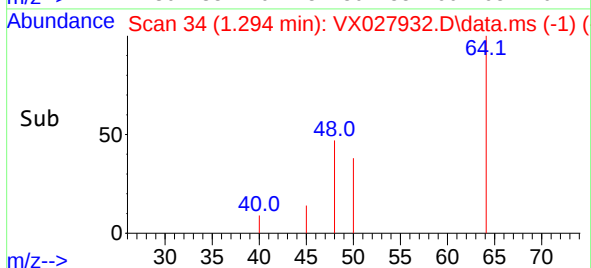
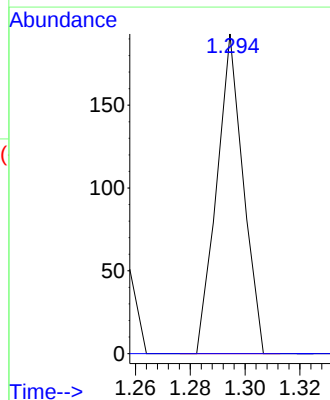
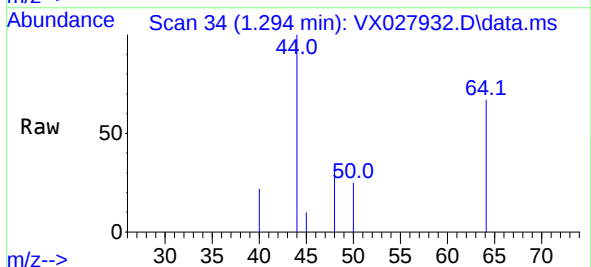


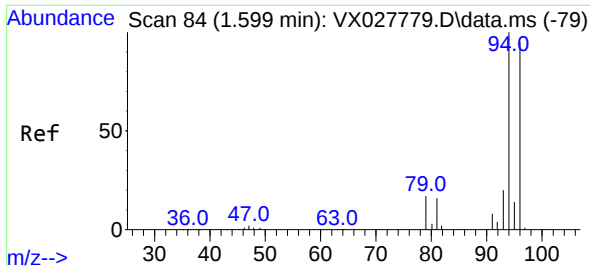
Tgt Ion:168 Resp: 78603
Ion Ratio Lower Upper
168 100
99 68.7 41.7 62.5#



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

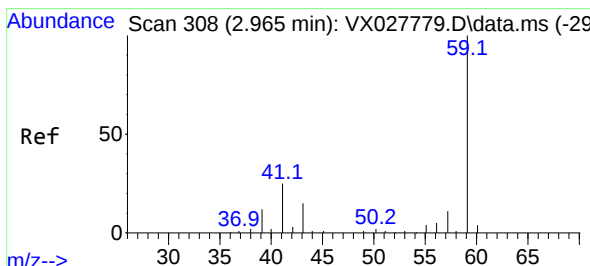
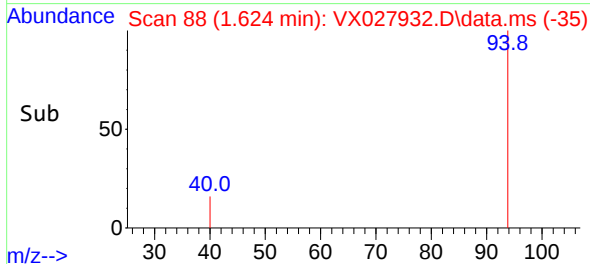
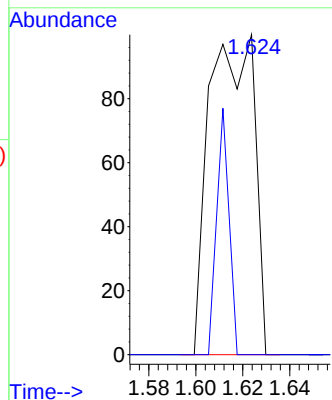
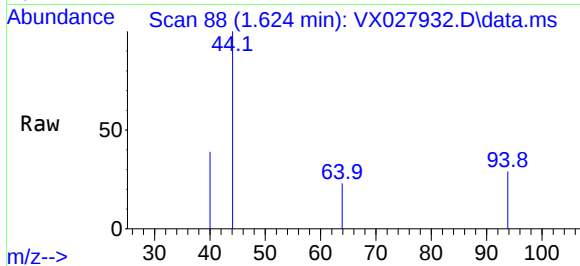




#5
Bromomethane
Concen: 0.457 ug/l
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

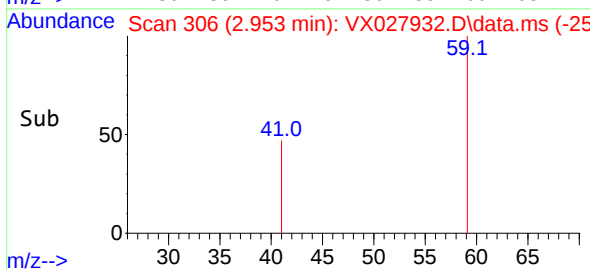
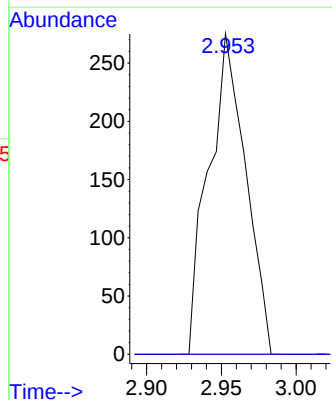
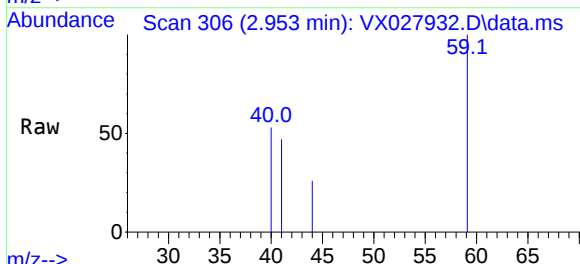
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

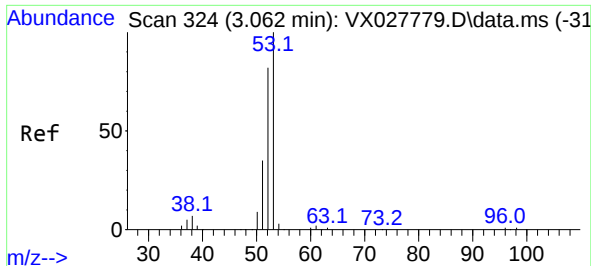
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#11
Tert butyl alcohol
Concen: 2.433 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 59 Resp: 474
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

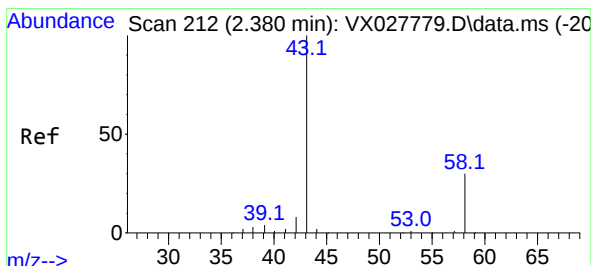
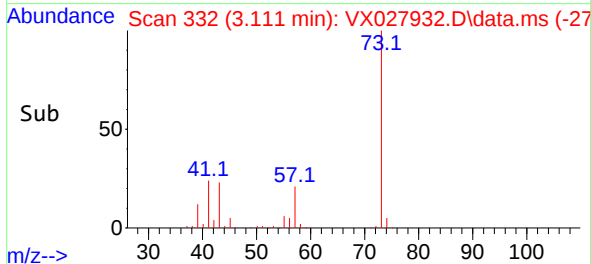
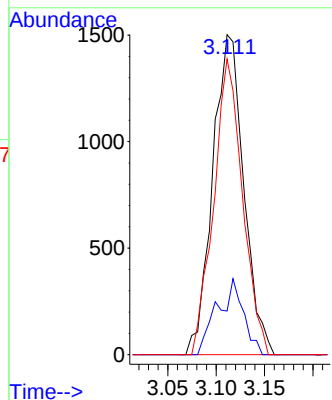
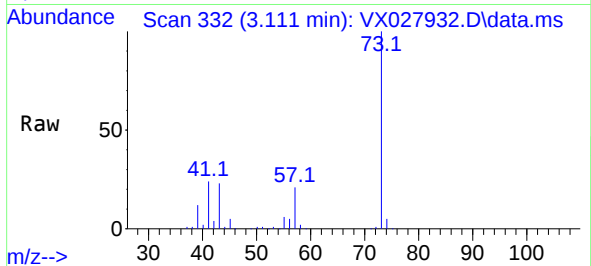




#15
Acrylonitrile
Concen: 7.332 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

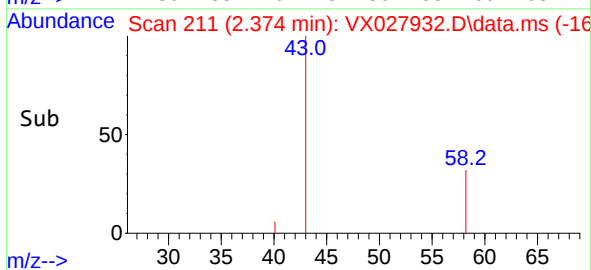
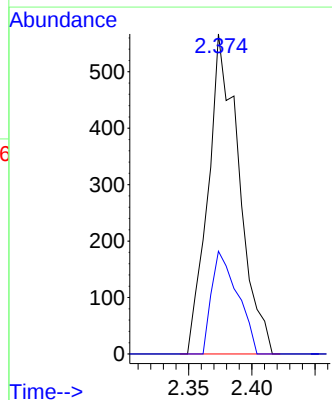
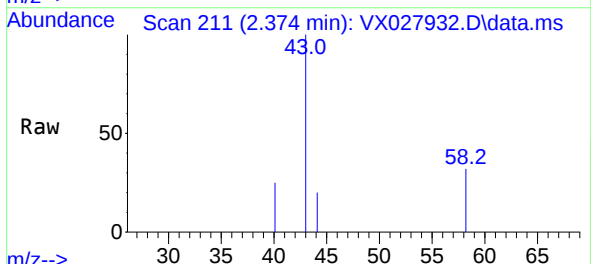
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

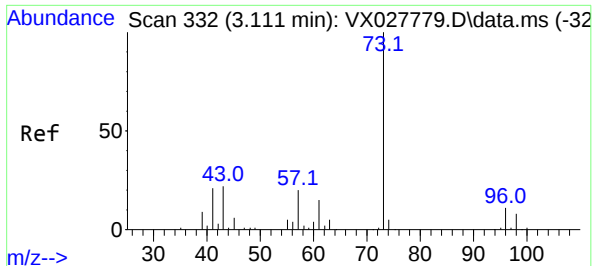
Tgt Ion: 53 Resp: 3354
Ion Ratio Lower Upper
53 100
52 20.0 65.7 98.5#
51 85.7 28.4 42.6#



#16
Acetone
Concen: 2.154 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2

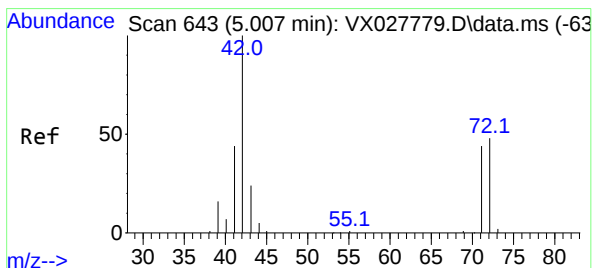
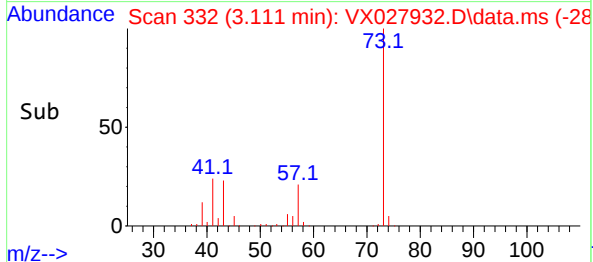
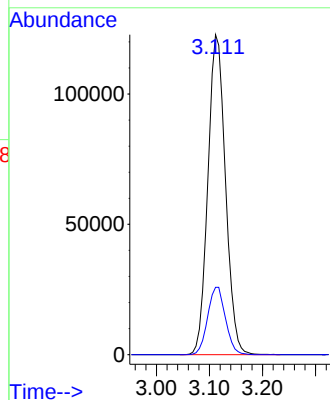
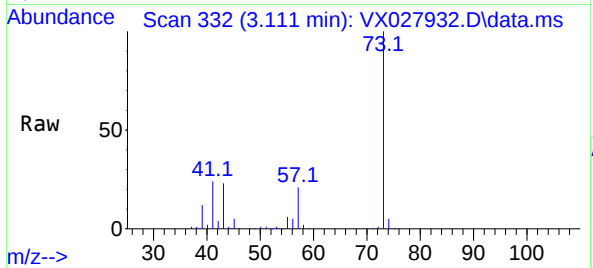




#19
Methyl tert-butyl Ether
Concen: 109.939 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

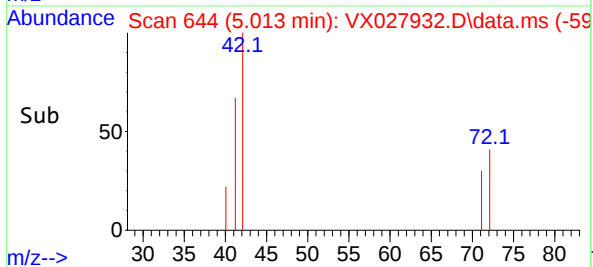
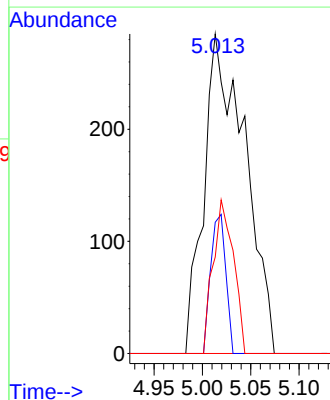
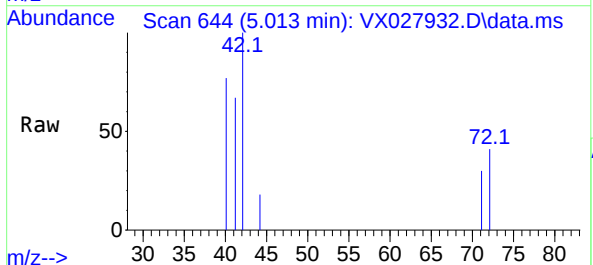
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

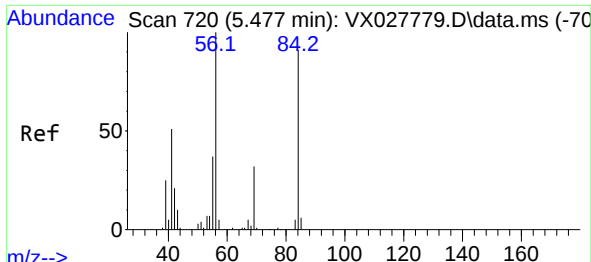
Tgt Ion: 73 Resp: 282864
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#29
Tetrahydrofuran
Concen: 2.000 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

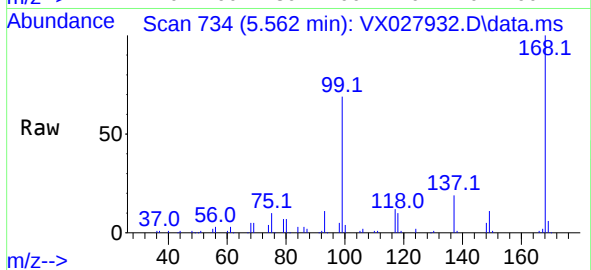
Tgt Ion: 42 Resp: 839
Ion Ratio Lower Upper
42 100
72 16.0 44.1 66.1#
71 23.8 40.5 60.7#



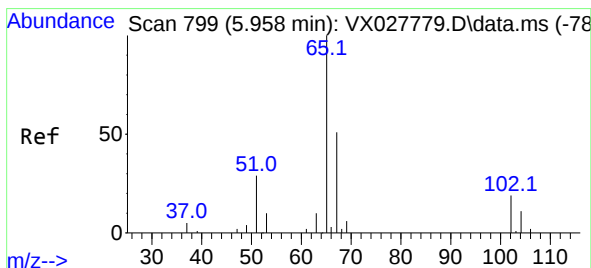
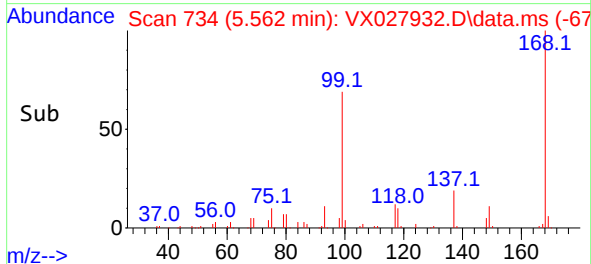
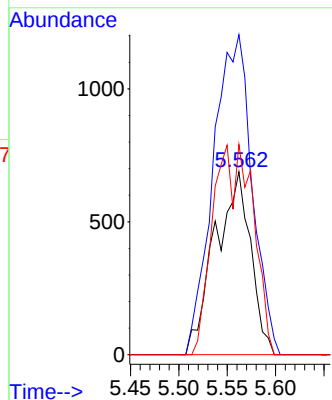


#31
Cyclohexane
Concen: 1.574 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

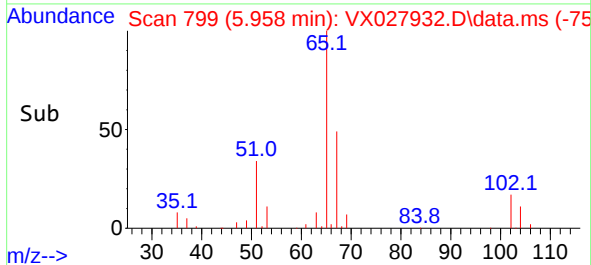
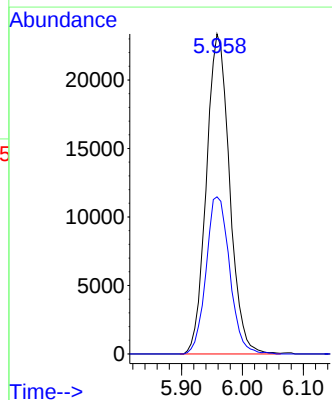
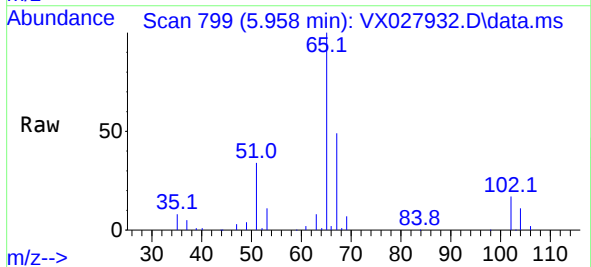


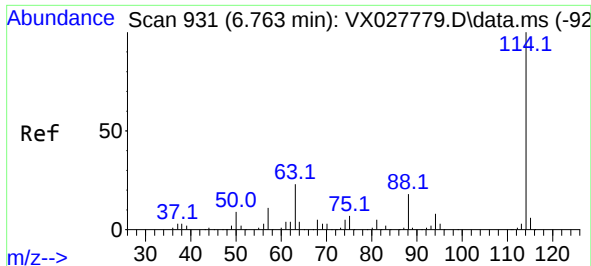
Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 175.0 26.7 40.1#
84 115.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 61.008 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 65 Resp: 61874
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

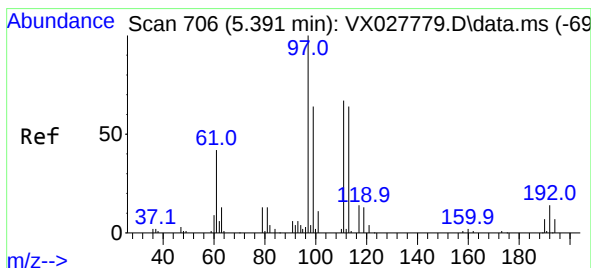
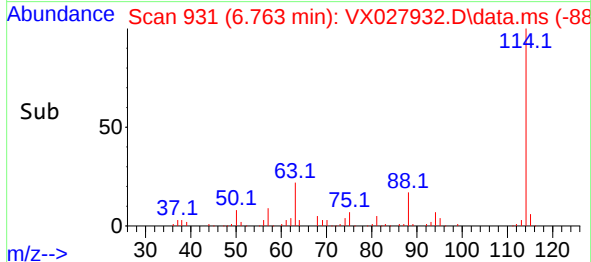
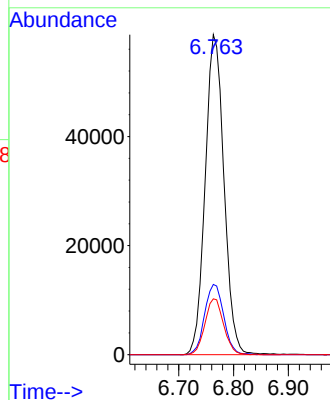
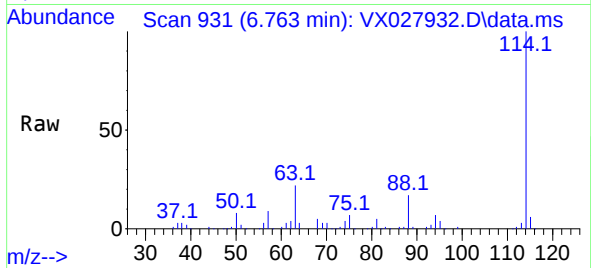




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

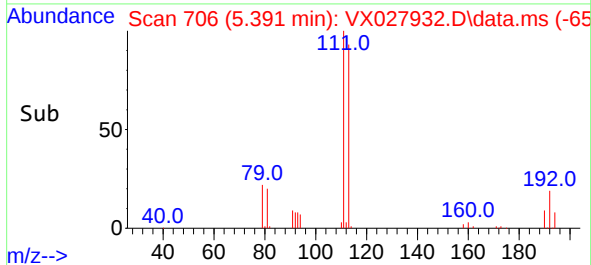
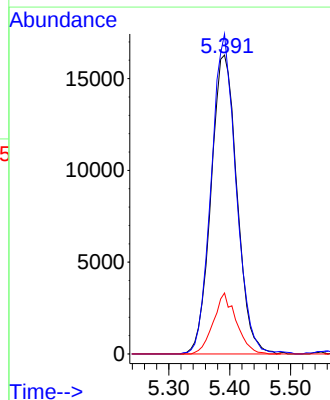
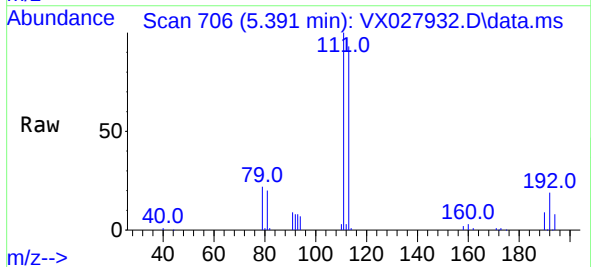
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MSVOA_X
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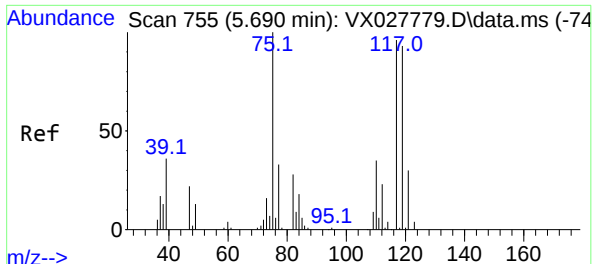
Tgt Ion:114 Resp: 139583
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.8
88 17.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.464 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion:113 Resp: 48170
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.224 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027932.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

MW-4RE

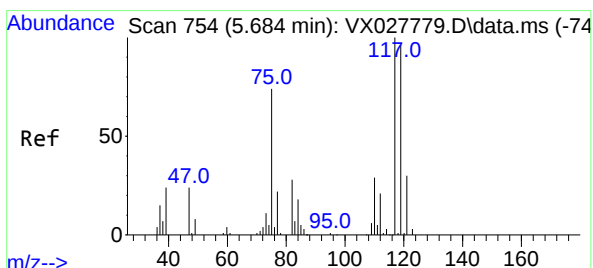
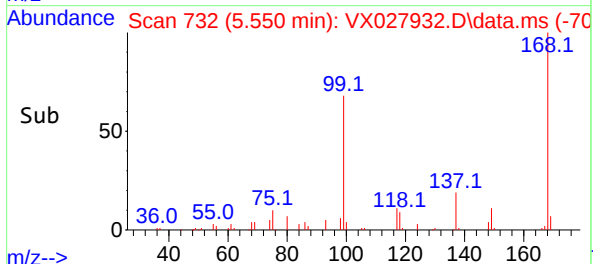
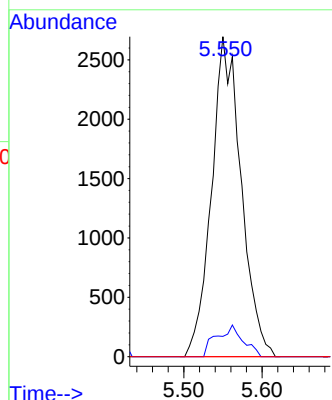
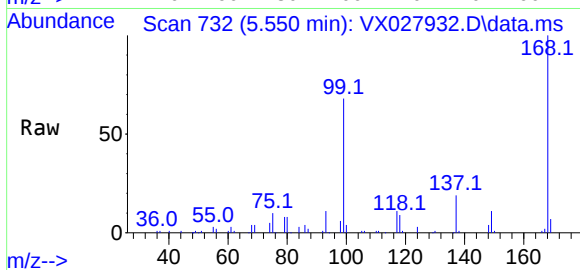
Tgt Ion: 75 Resp: 7063

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.187 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027932.D

Acq: 02 Apr 2022 14:46

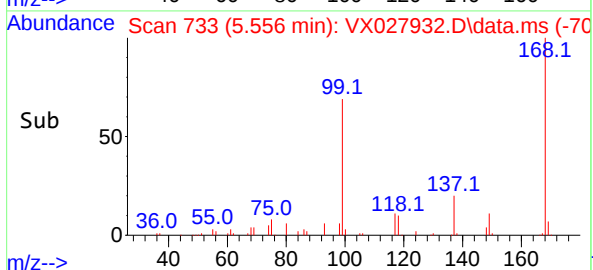
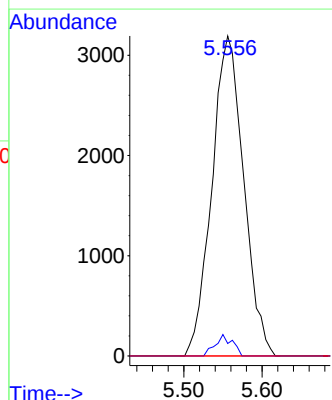
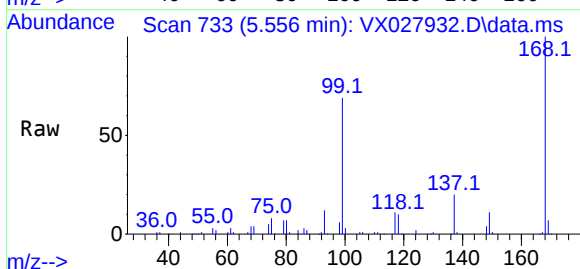
Tgt Ion: 117 Resp: 9010

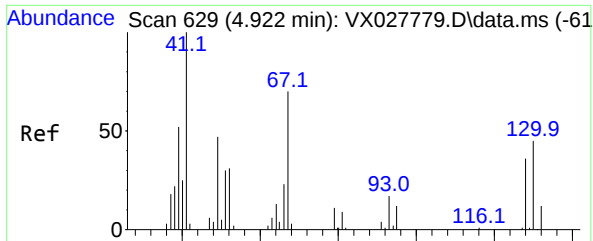
Ion Ratio Lower Upper

117 100

119 3.9 77.3 115.9#

121 0.0 24.2 36.2#



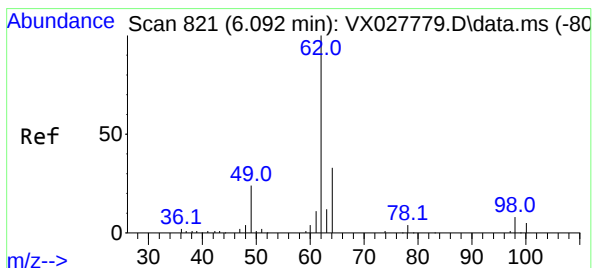
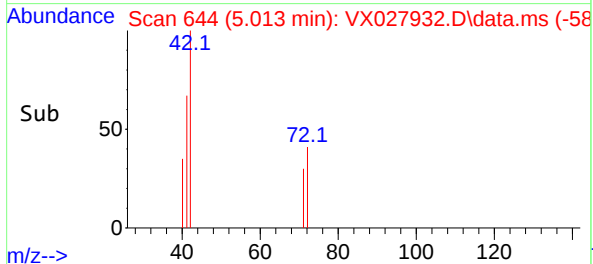
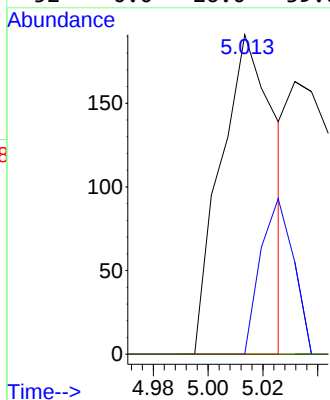
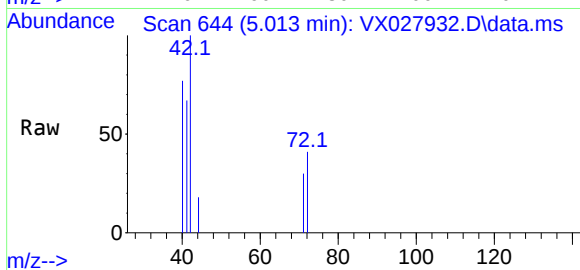


#41
Methacrylonitrile
Concen: 0.349 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

Tgt Ion: 41 Resp: 261

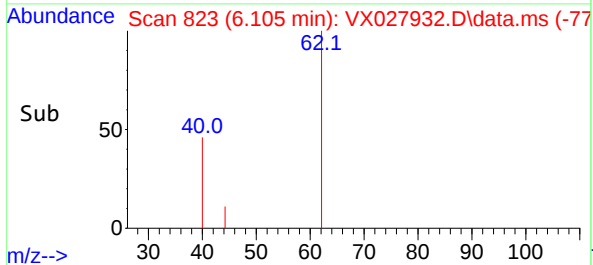
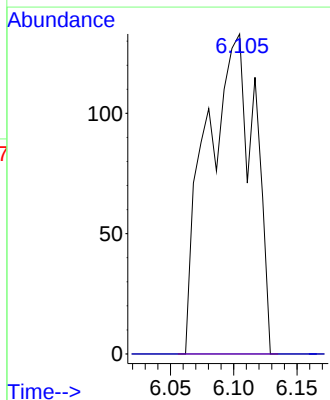
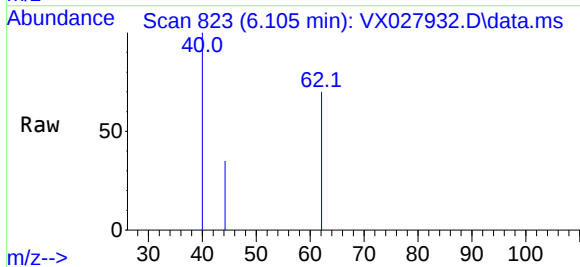
Ion	Ratio	Lower	Upper
41	100		
39	29.9	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#

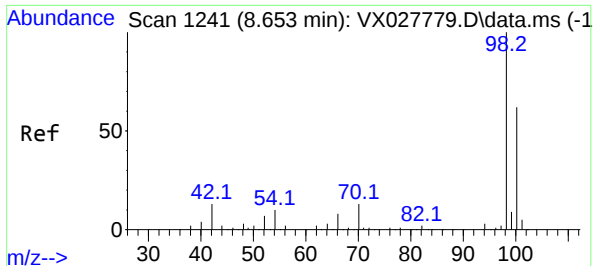


#42
1,2-Dichloroethane
Concen: 0.255 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.013 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 62 Resp: 350

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4

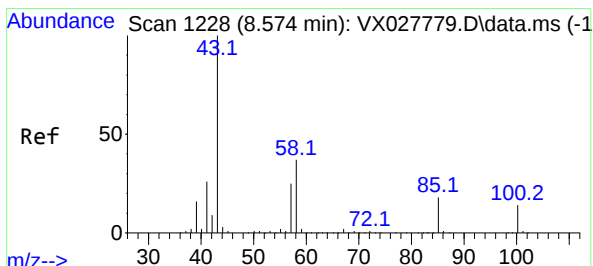
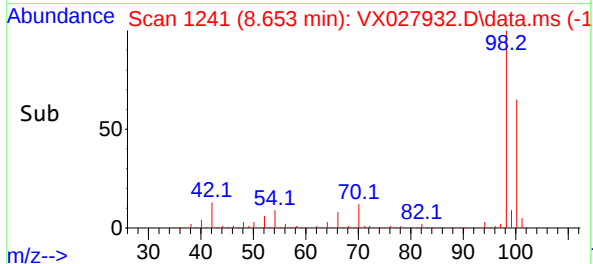
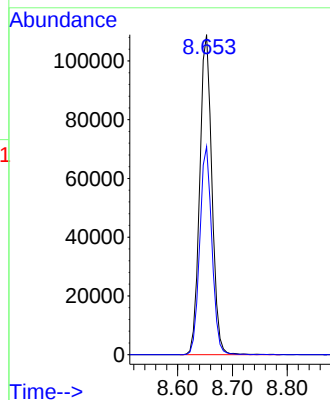
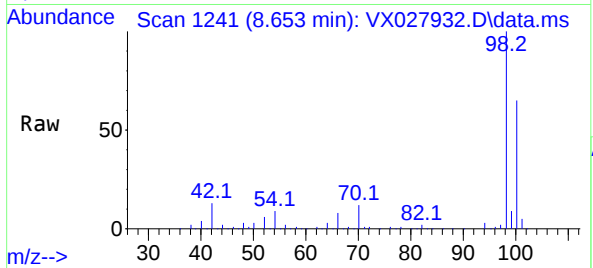




#50
Toluene-d8
Concen: 53.123 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

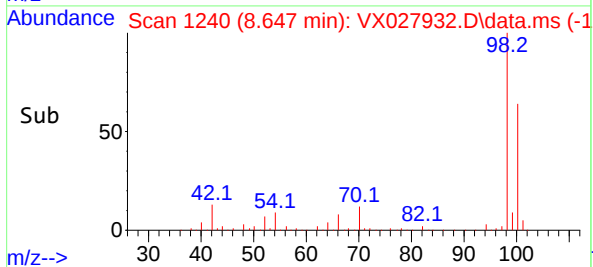
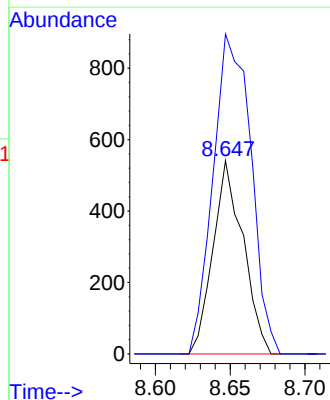
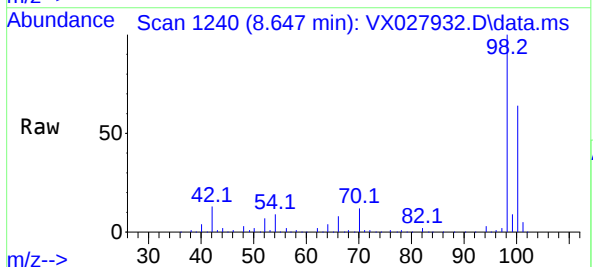
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

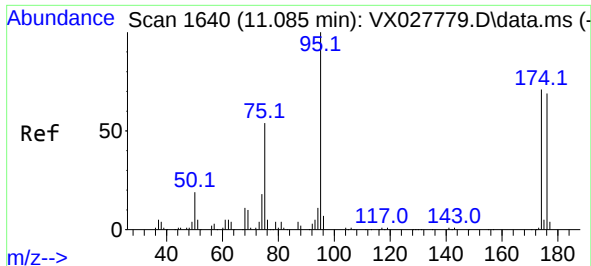
Tgt Ion: 98 Resp: 168403
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 208.1 36.1 54.1#

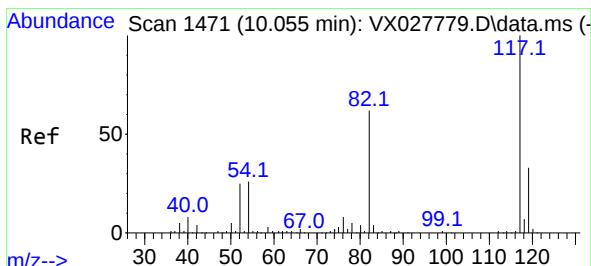
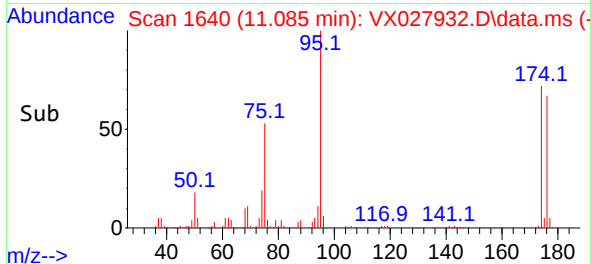
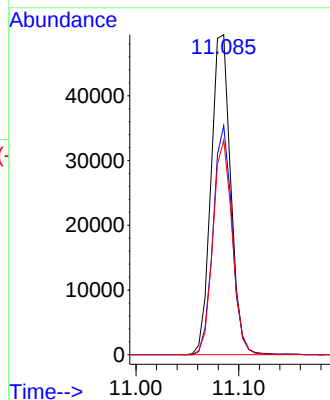
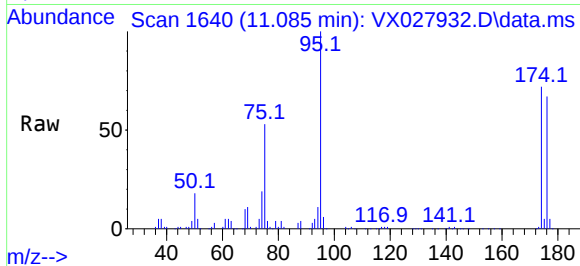




#62
4-Bromofluorobenzene
Concen: 48.751 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

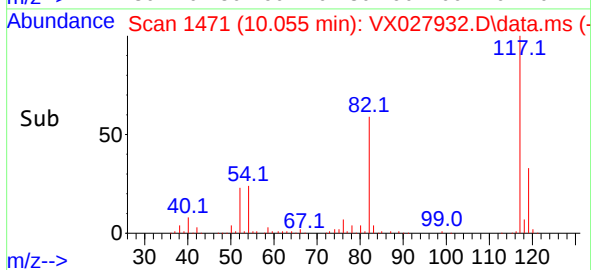
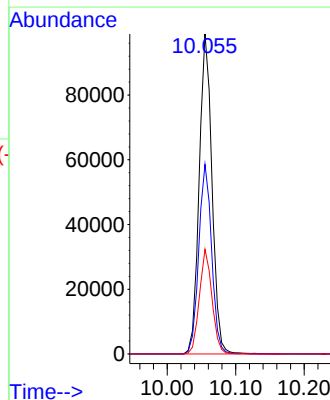
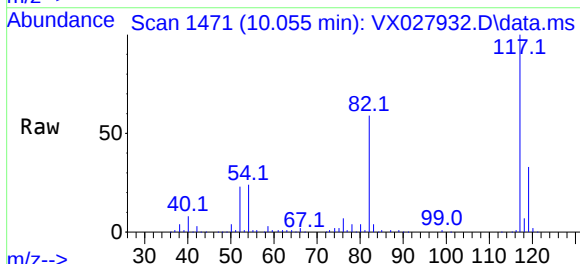
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

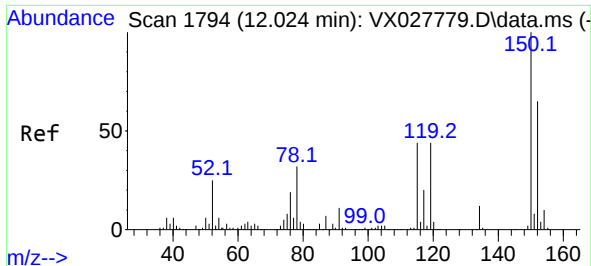
Tgt Ion: 95 Resp: 65675
Ion Ratio Lower Upper
95 100
174 69.2 0.0 163.0
176 65.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 117 Resp: 128754
Ion Ratio Lower Upper
117 100
82 59.2 41.8 62.8
119 32.7 24.8 37.2

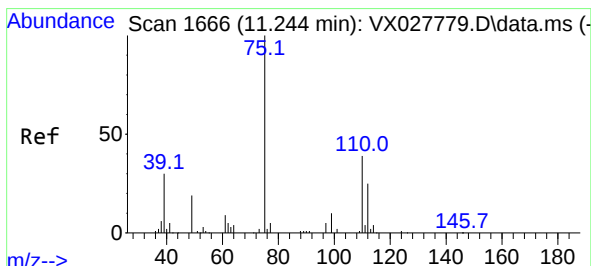
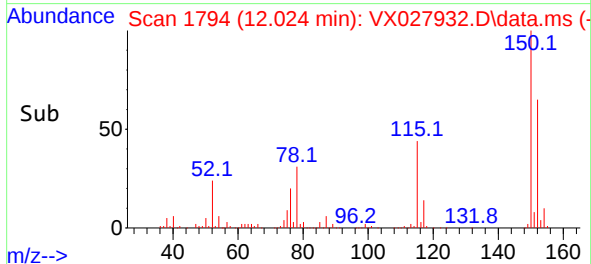
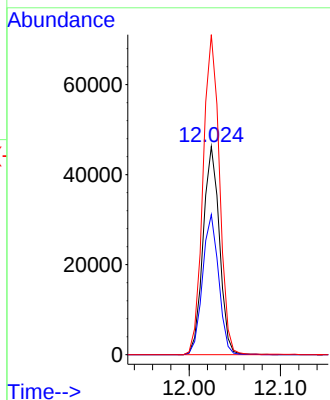
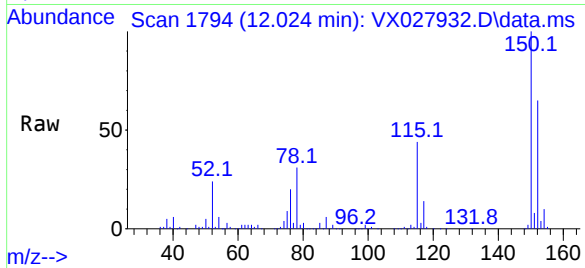




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

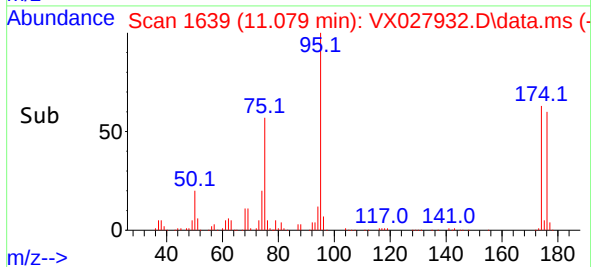
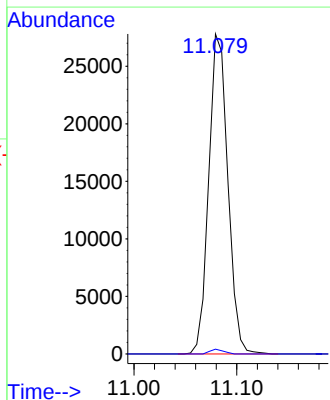
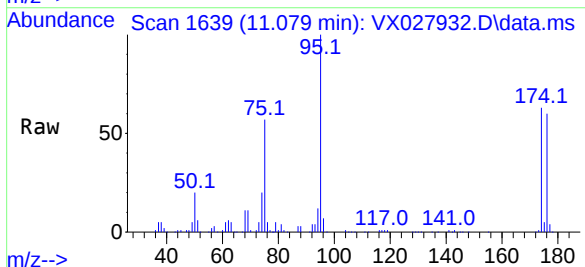
Instrument :
MSVOA_X
ClientSampleId :
MW-4RE

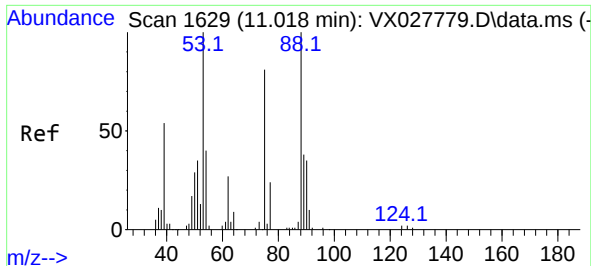
Tgt Ion:152 Resp: 57117
Ion Ratio Lower Upper
152 100
115 66.5 37.5 112.7
150 155.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027932.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 75 Resp: 35836
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.284 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027932.D
 Acq: 02 Apr 2022 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4RE

Tgt Ion: 75 Resp: 35836
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

