

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027933.D
 Acq On : 02 Apr 2022 15:09
 Operator : JC/MD
 Sample : N2204-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Apr 04 04:15:24 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)

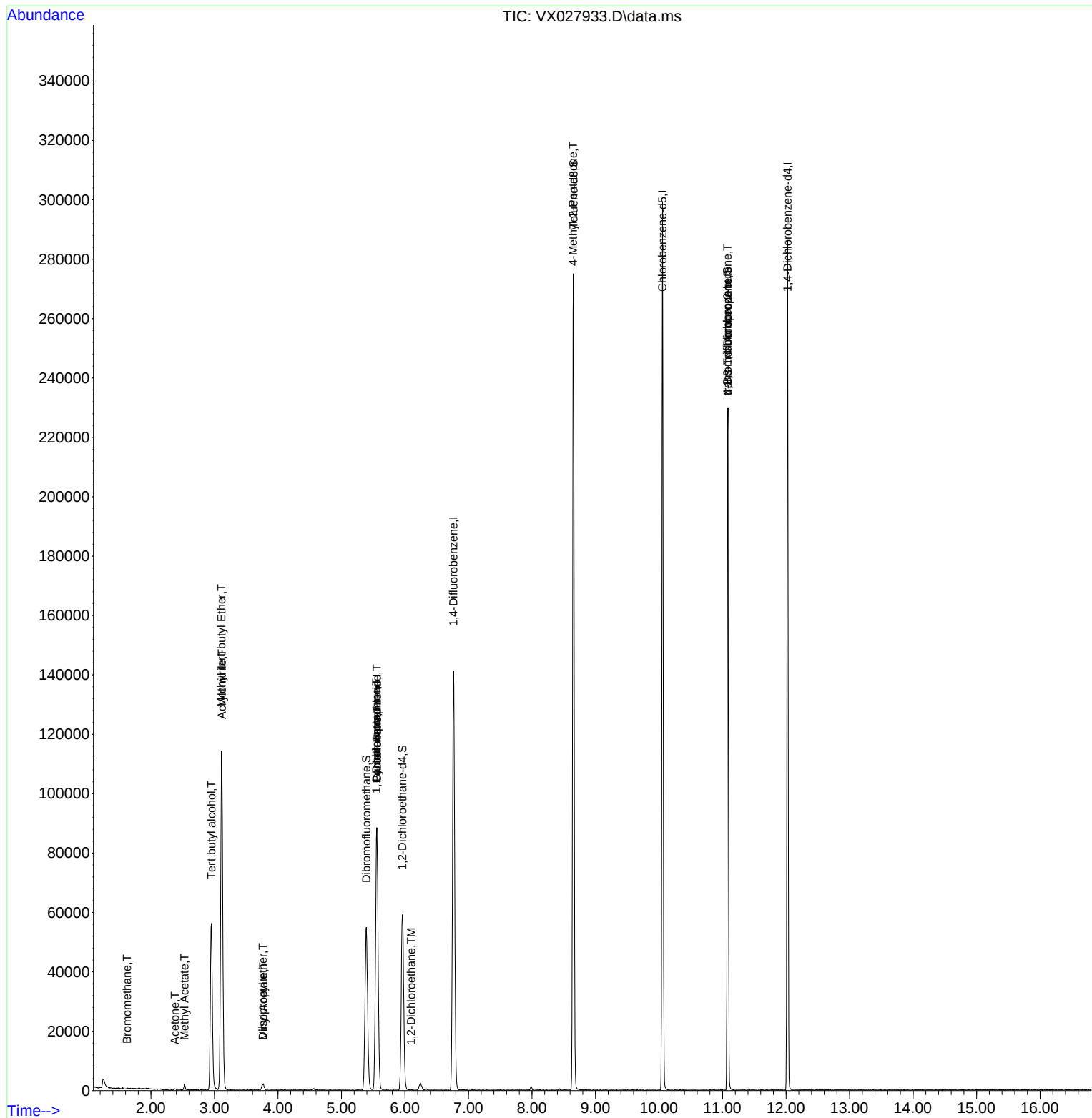
Internal Standards						
1) Pentafluorobenzene	5.556	168	77223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	138185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60662	60.882	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.760%	
35) Dibromofluoromethane	5.391	113	46661	52.313	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.620%	
50) Toluene-d8	8.653	98	164956	52.563	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	11.079	95	63297	47.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	84	0.294	ug/l	# 3
11) Tert butyl alcohol	2.953	59	60577	316.505	ug/l	99
15) Acrylonitrile	3.117	53	1459	3.247	ug/l	# 27
16) Acetone	2.380	43	492	1.116	ug/l	# 39
18) Methyl Acetate	2.526	43	505	0.465	ug/l	# 46
19) Methyl tert-butyl Ether	3.111	73	121632	48.119	ug/l	99
22) Diisopropyl ether	3.763	45	2304	0.944	ug/l	# 78
23) Vinyl Acetate	3.770	43	1185	0.562	ug/l	# 66
31) Cyclohexane	5.556	56	1819	1.652	ug/l	# 41
36) 1,1-Dichloropropene	5.550	75	6626	5.898	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	8366	6.740	ug/l	# 15
42) 1,2-Dichloroethane	6.098	62	276	0.203	ug/l	# 73
51) 4-Methyl-2-Pentanone	8.647	43	818	0.529	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	32080	25.320	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	32080	74.297	ug/l	# 15

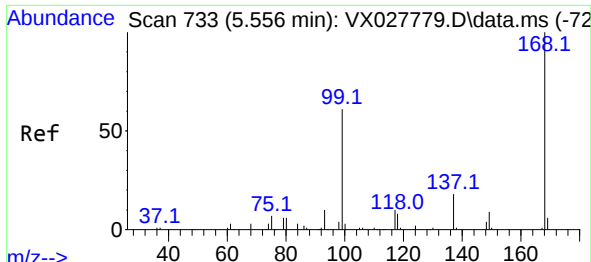
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 04:15:24 2022
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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

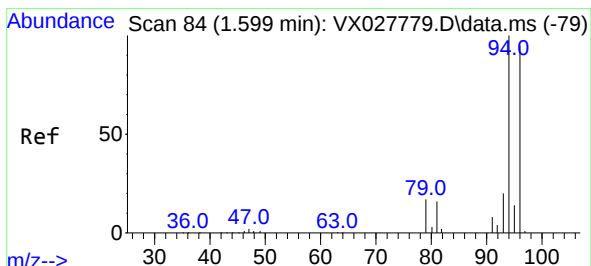
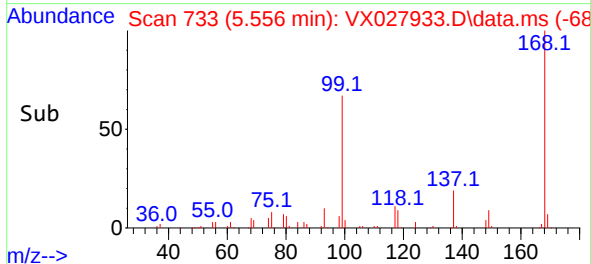
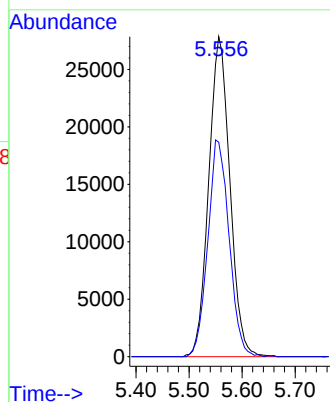
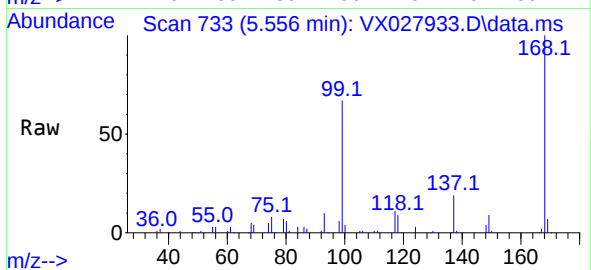




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

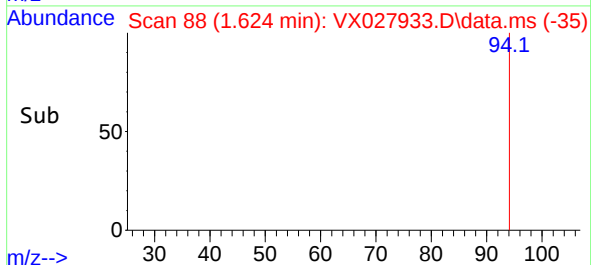
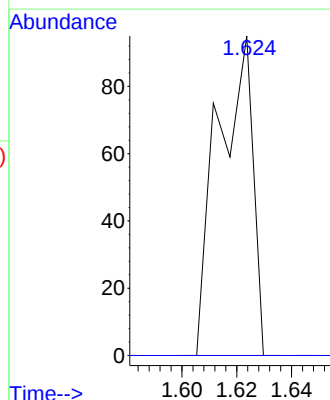
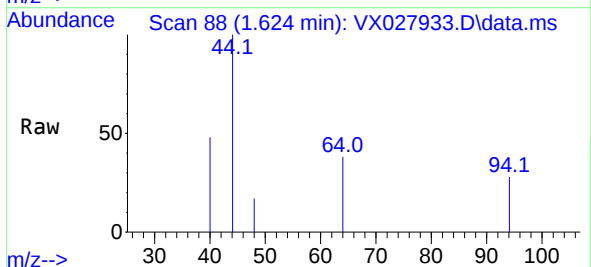
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

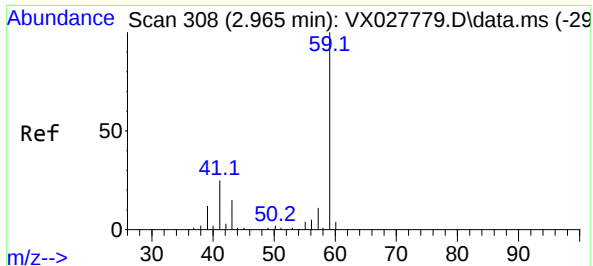
Tgt Ion:168 Resp: 77223
Ion Ratio Lower Upper
168 100
99 67.0 41.7 62.5#



#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#





#11

Tert butyl alcohol

Concen: 316.505 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027933.D

Acq: 02 Apr 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

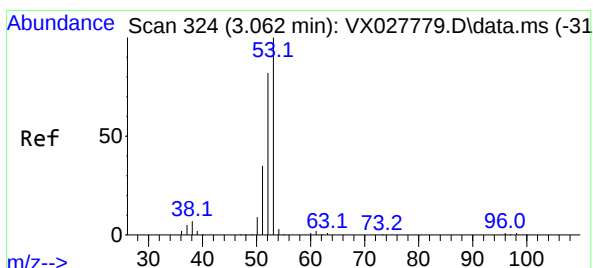
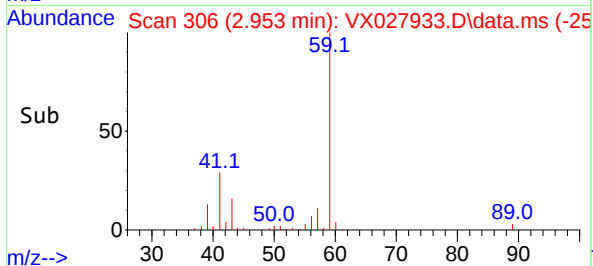
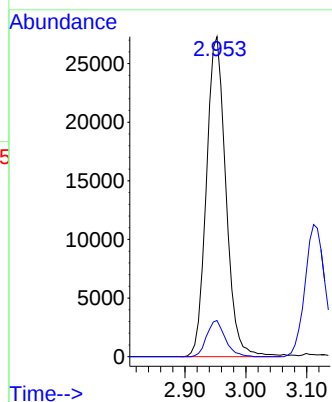
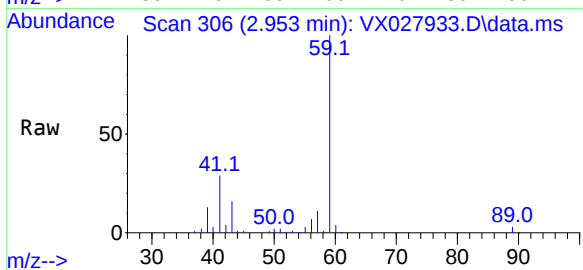
MW-7DL

Tgt Ion: 59 Resp: 60577

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



#15

Acrylonitrile

Concen: 3.247 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.055 min

Lab File: VX027933.D

Acq: 02 Apr 2022 15:09

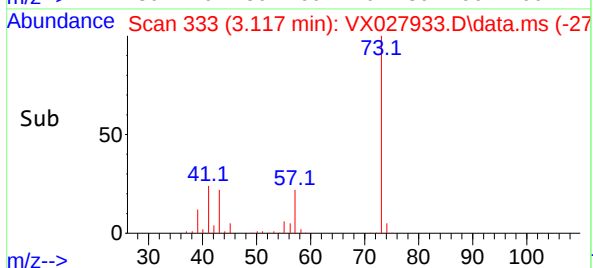
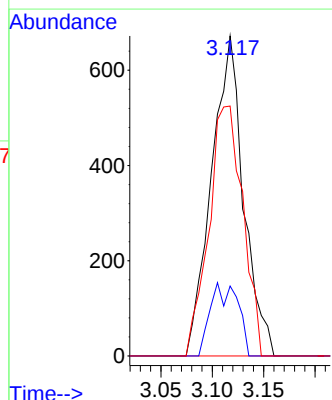
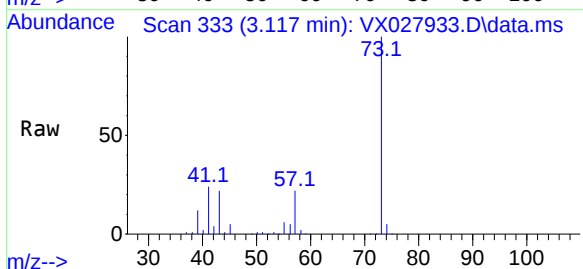
Tgt Ion: 53 Resp: 1459

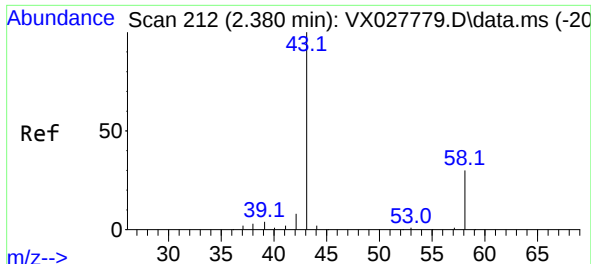
Ion Ratio Lower Upper

53 100

52 19.5 65.7 98.5#

51 82.8 28.4 42.6#

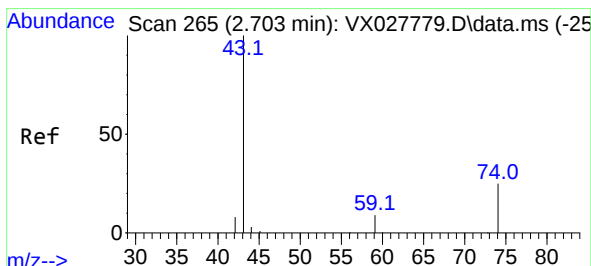
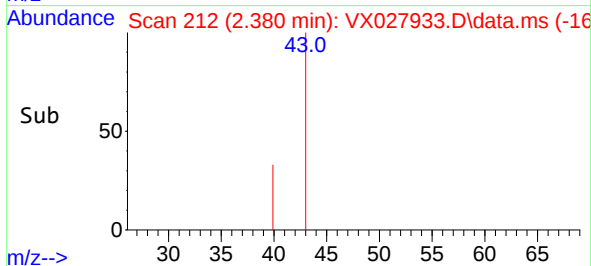
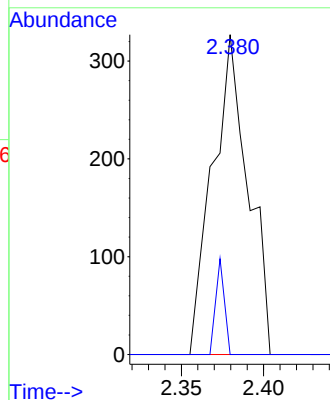
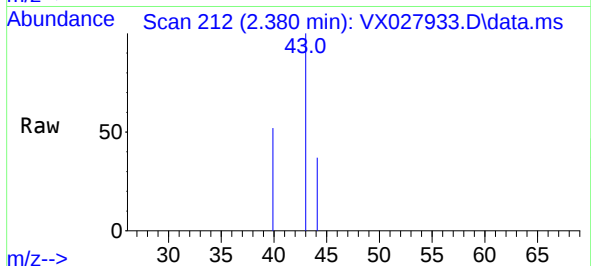




#16
Acetone
Concen: 1.116 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

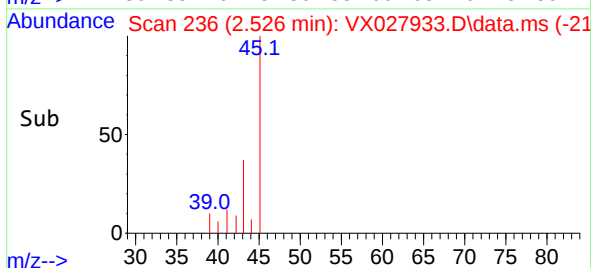
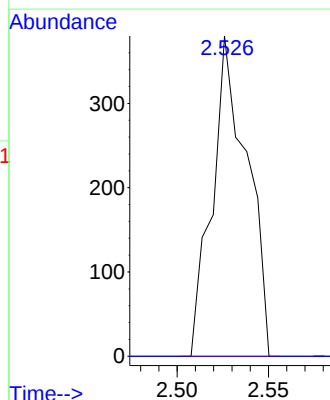
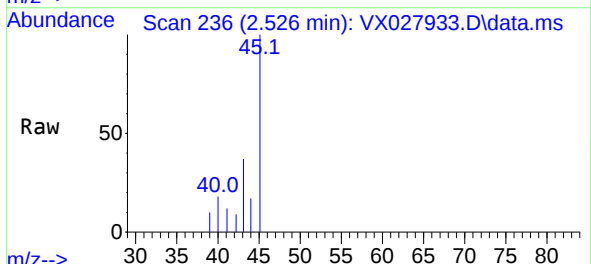
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

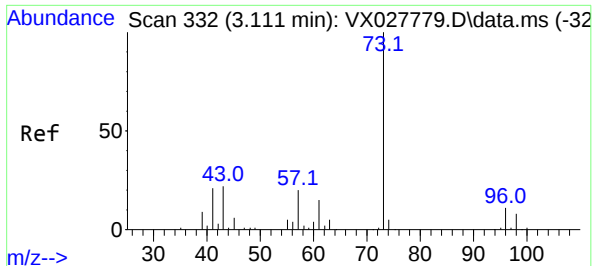
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.177 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

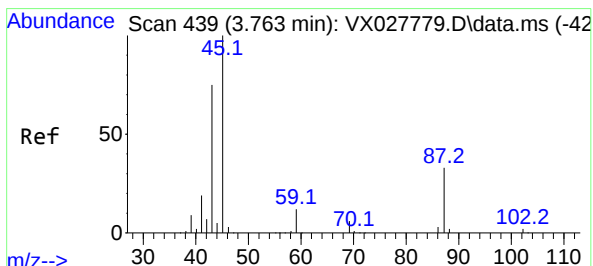
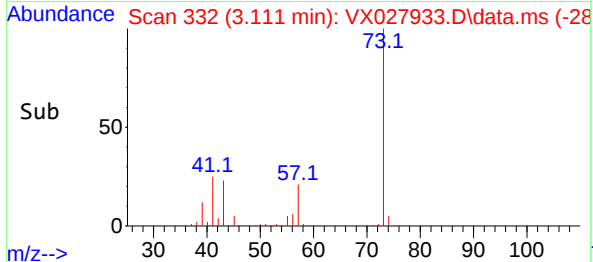
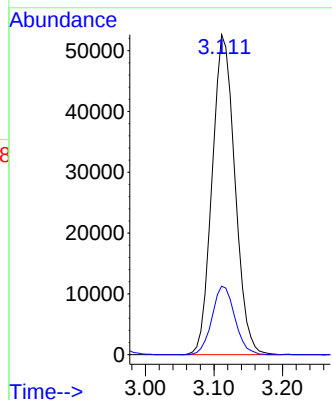
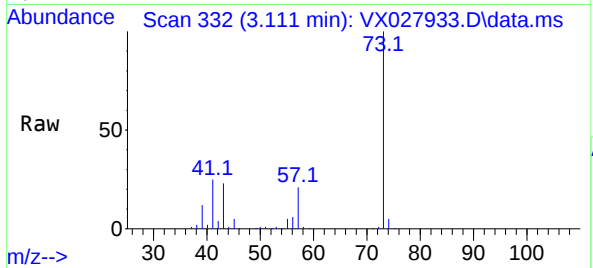




#19
Methyl tert-butyl Ether
Concen: 48.119 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

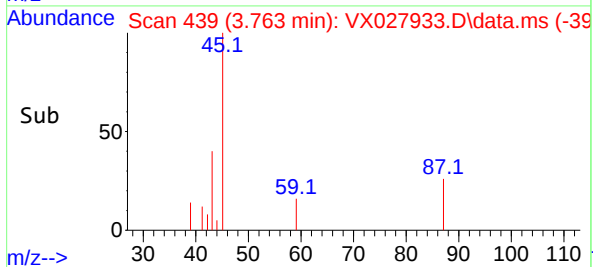
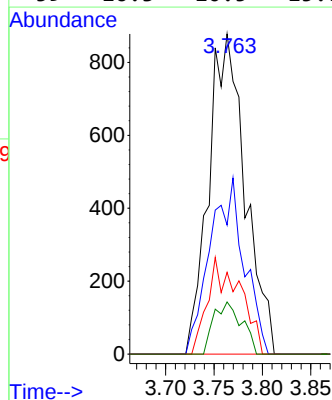
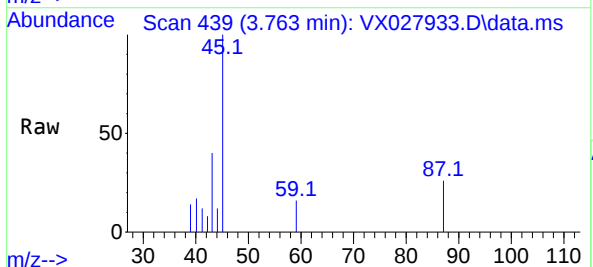
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

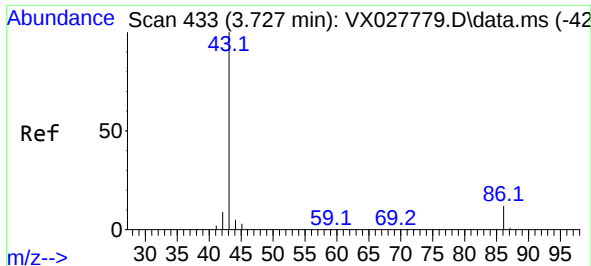
Tgt Ion: 73 Resp: 121632
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#22
Diisopropyl ether
Concen: 0.944 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 45 Resp: 2304
Ion Ratio Lower Upper
45 100
43 40.3 50.8 76.2#
87 25.5 26.6 39.8#
59 16.3 10.5 15.7#

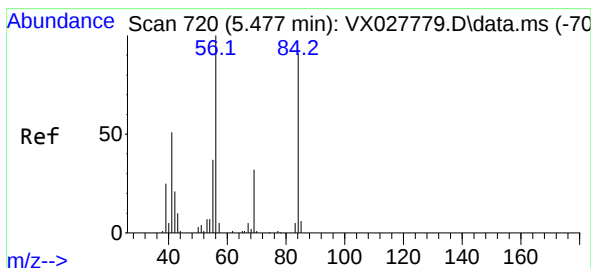
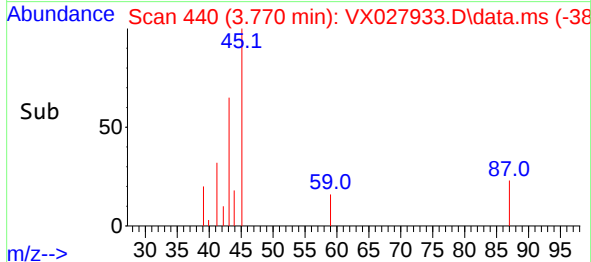
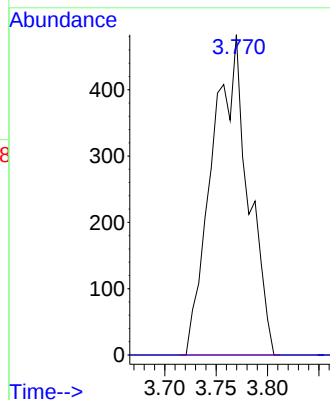
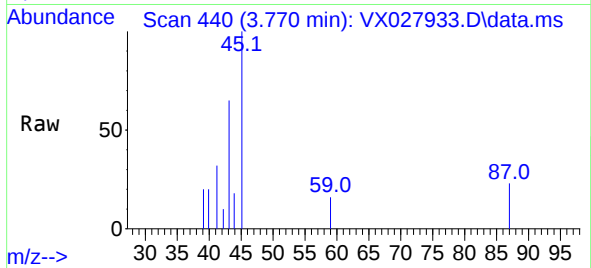




#23
 Vinyl Acetate
 Concen: 0.562 ug/l
 RT: 3.770 min Scan# 44
 Delta R.T. 0.043 min
 Lab File: VX027933.D
 Acq: 02 Apr 2022 15:09

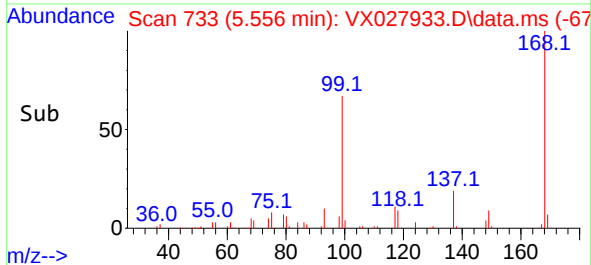
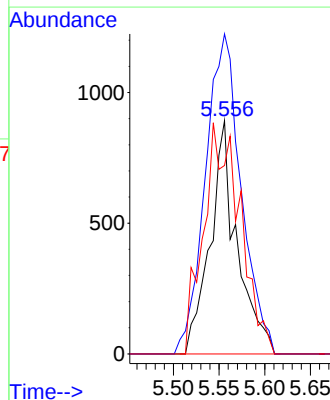
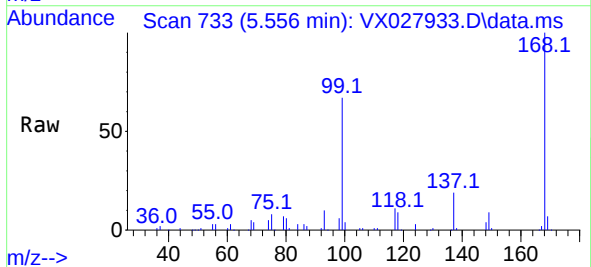
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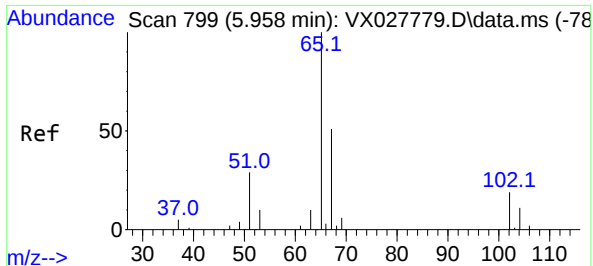
Tgt Ion: 43 Resp: 1185
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#31
 Cyclohexane
 Concen: 1.652 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX027933.D
 Acq: 02 Apr 2022 15:09

Tgt Ion: 56 Resp: 1819
 Ion Ratio Lower Upper
 56 100
 69 137.2 26.7 40.1#
 84 80.8 77.2 115.8

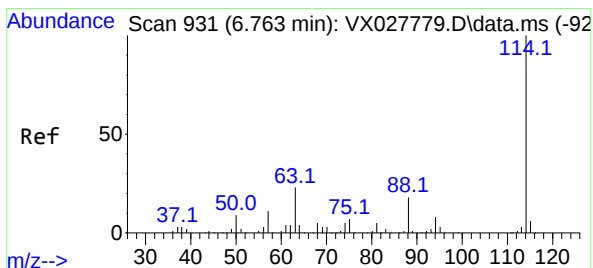
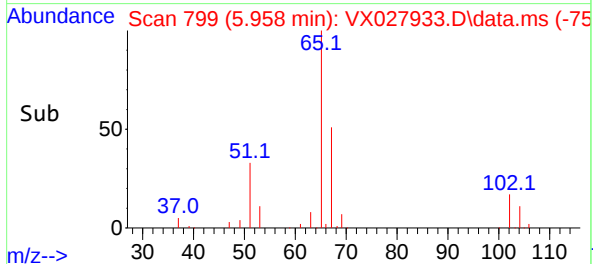
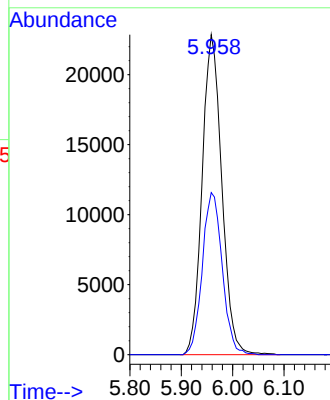
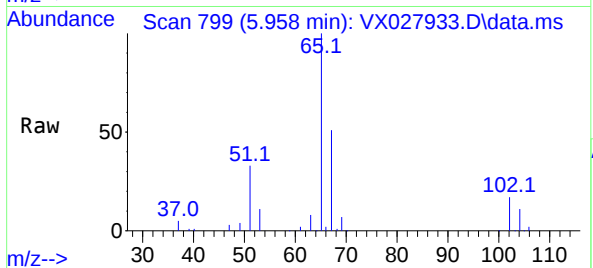




#33
1,2-Dichloroethane-d4
Concen: 60.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

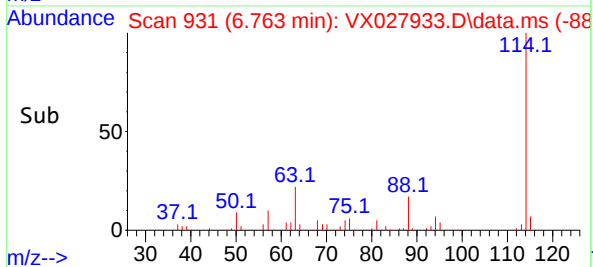
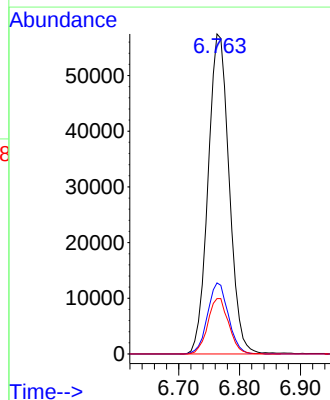
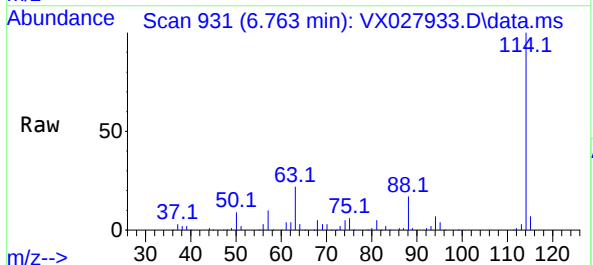
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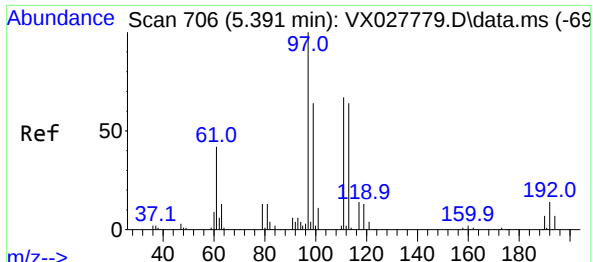
Tgt Ion: 65 Resp: 60662
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 114 Resp: 138185
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.8
88 17.3 0.0 32.4

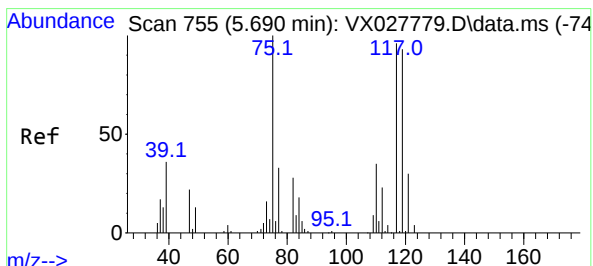
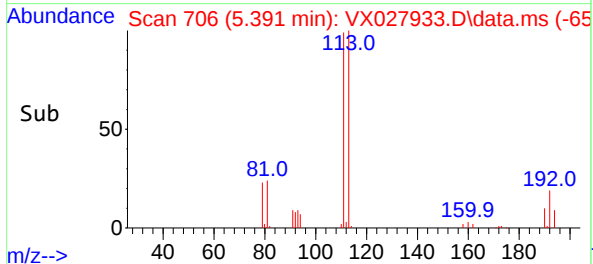
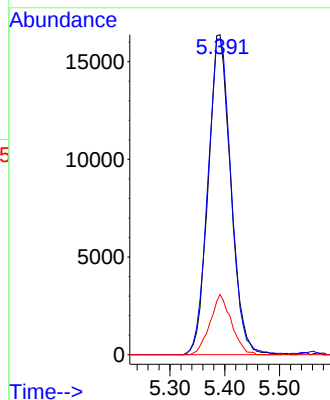
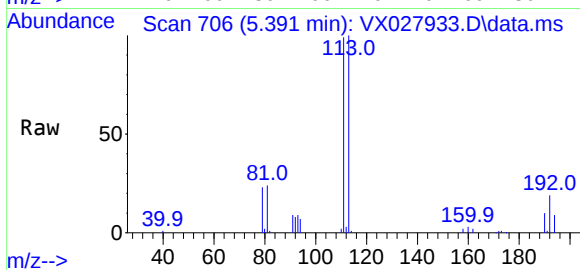




#35
Dibromofluoromethane
Concen: 52.313 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

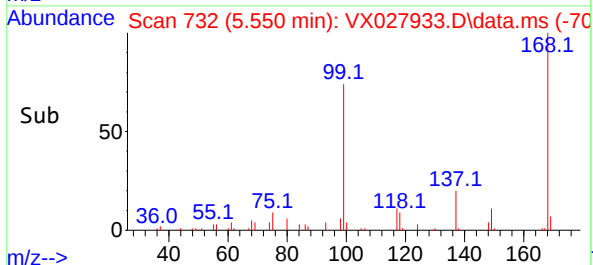
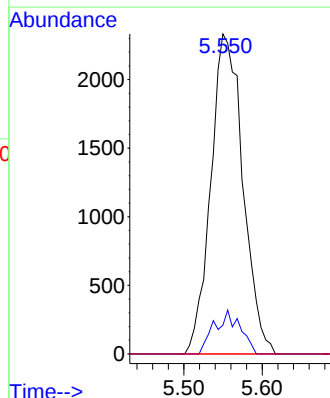
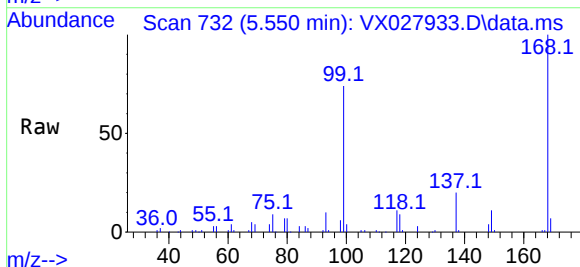
Instrument :
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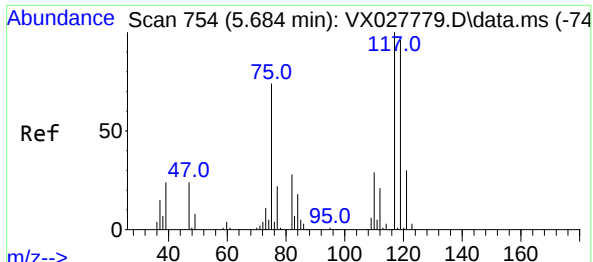
Tgt Ion:	113	Resp:	46661
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	17.9	16.9	25.3



#36
1,1-Dichloropropene
Concen: 5.898 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

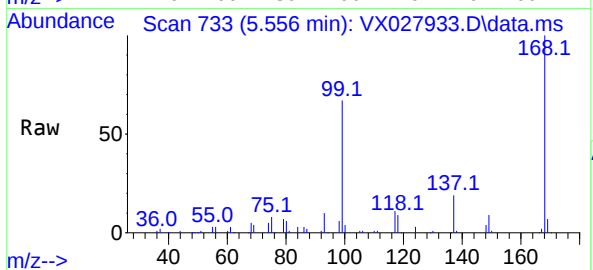
Tgt Ion:	75	Resp:	6626
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.3	54.8#
77	0.0	24.8	37.2#



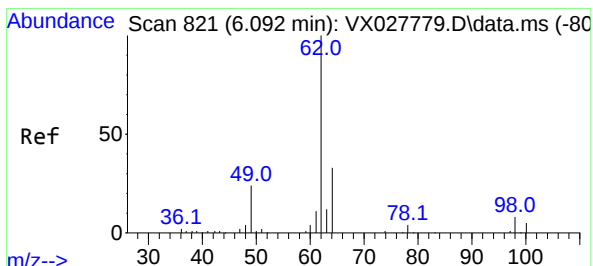
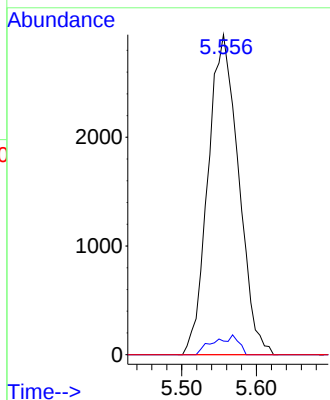
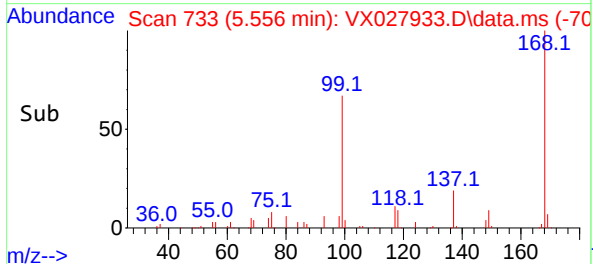


#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

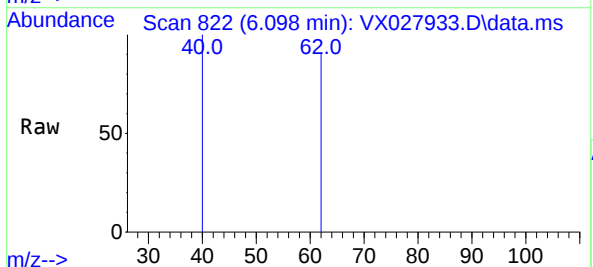
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL



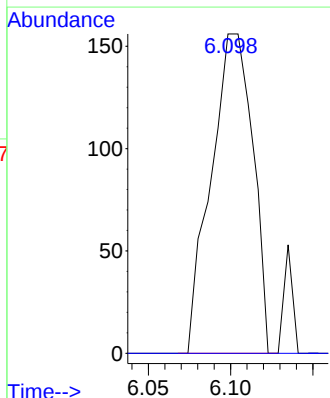
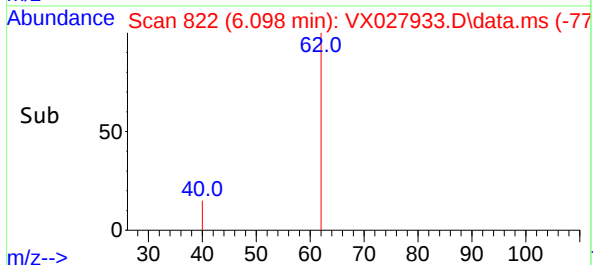
Tgt Ion:117 Resp: 8366
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

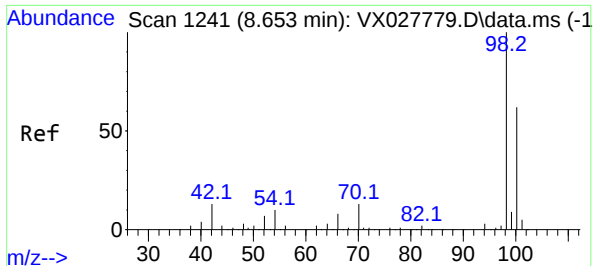


#42
1,2-Dichloroethane
Concen: 0.203 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09



Tgt Ion: 62 Resp: 276
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4

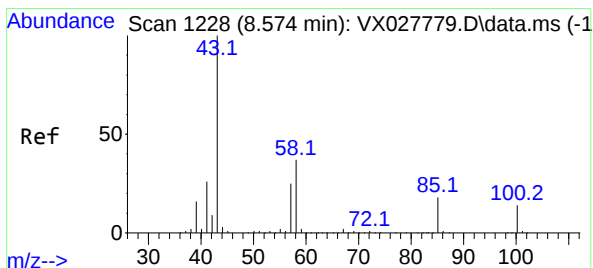
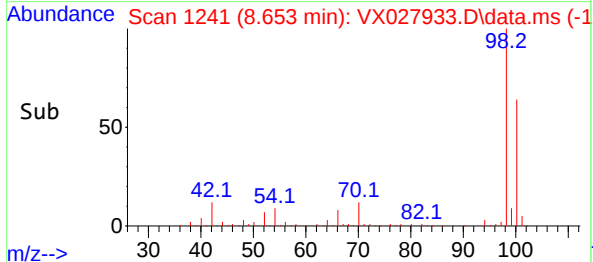
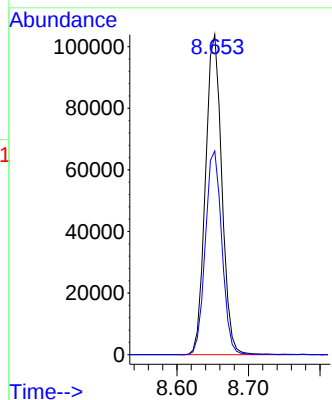
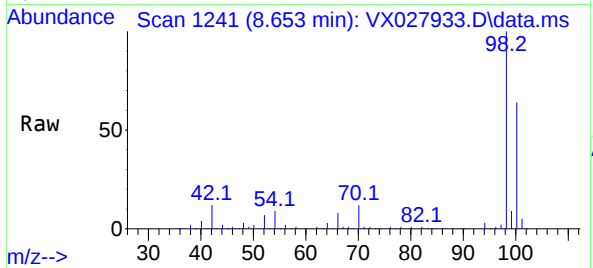




#50
Toluene-d8
Concen: 52.563 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

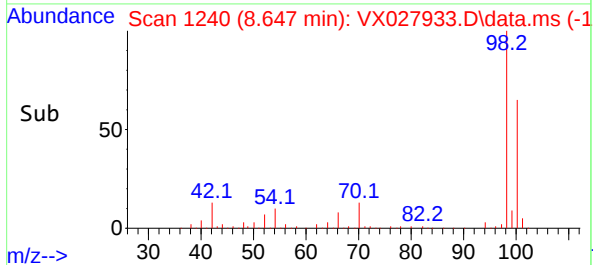
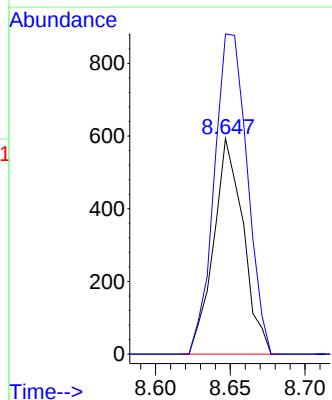
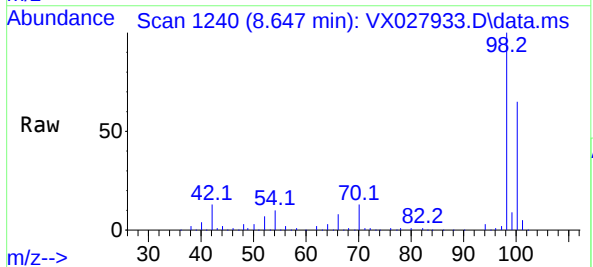
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

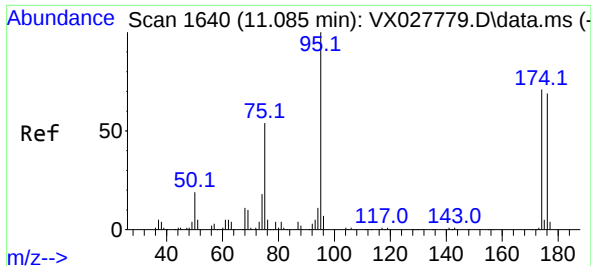
Tgt Ion: 98 Resp: 164956
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 165.3 36.1 54.1#

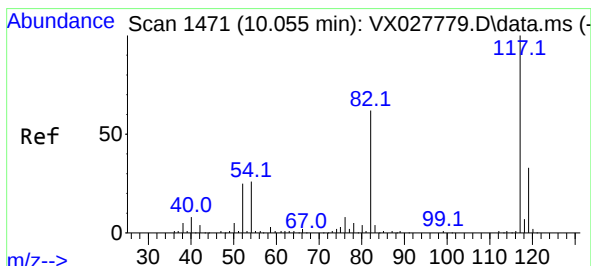
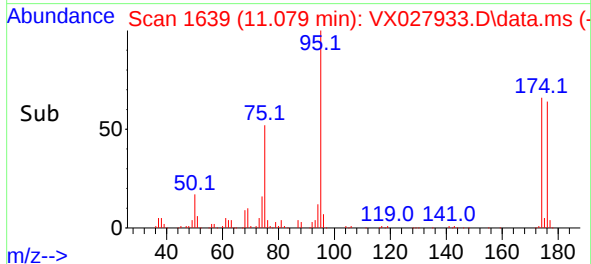
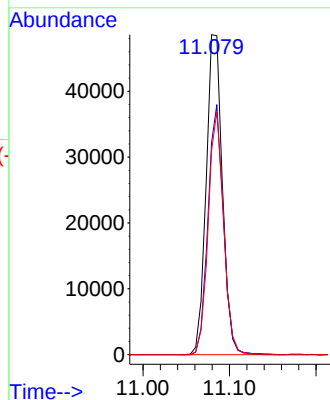
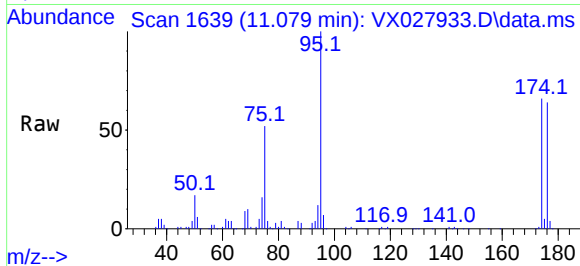




#62
4-Bromofluorobenzene
Concen: 47.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

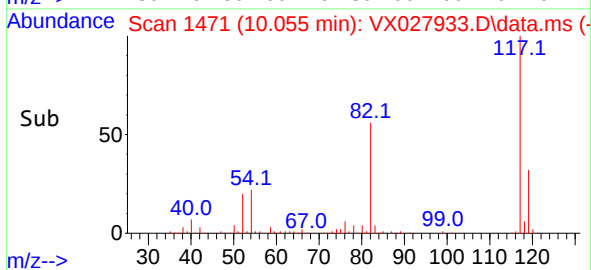
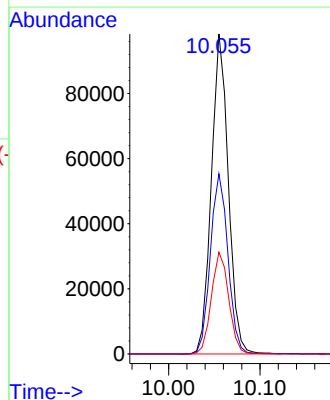
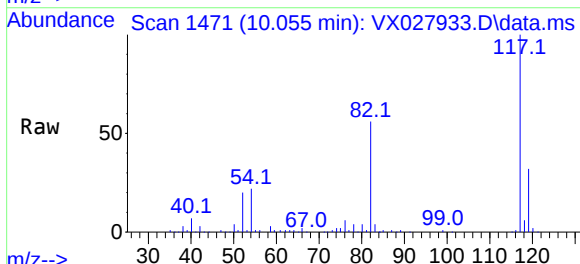
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

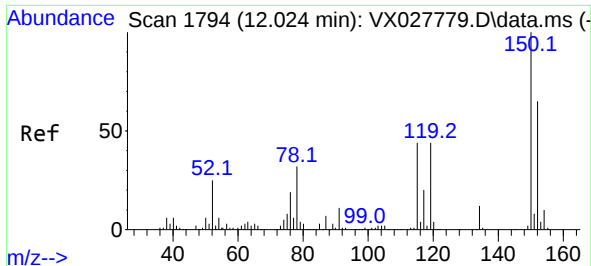
Tgt Ion: 95 Resp: 63297
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 117 Resp: 126534
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.8 24.8 37.2

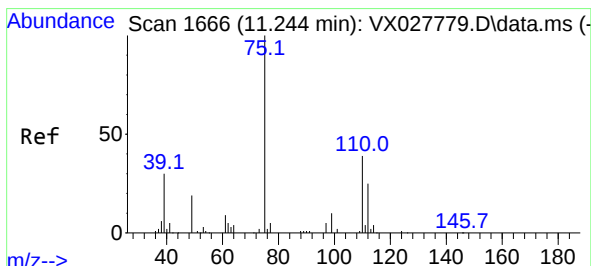
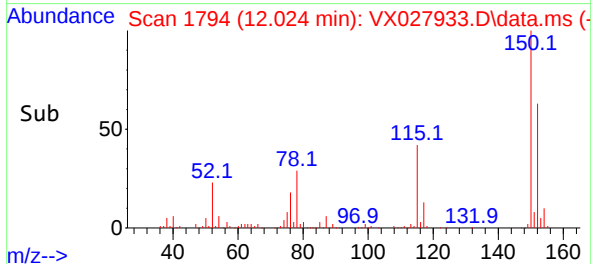
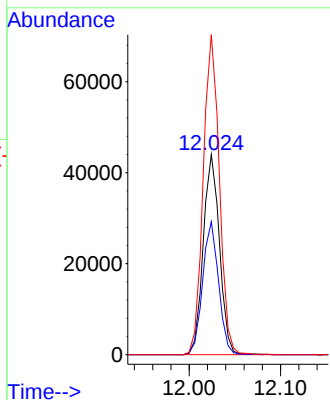
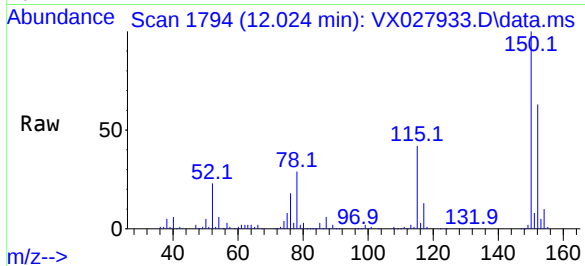




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

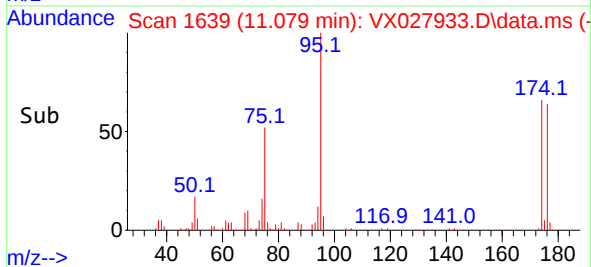
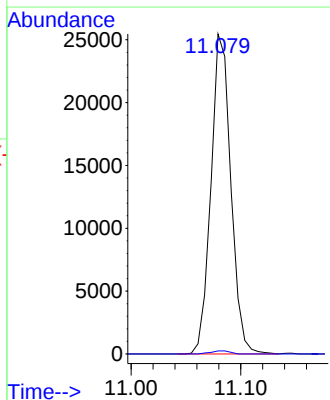
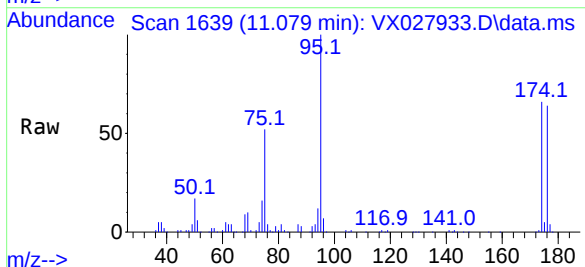
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

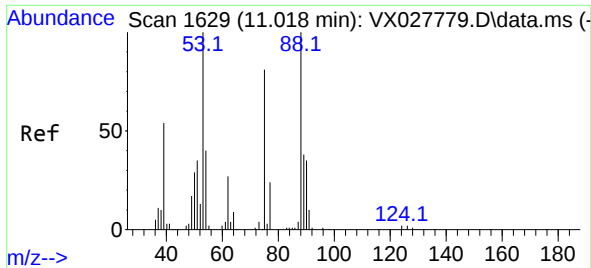
Tgt Ion:152 Resp: 54010
Ion Ratio Lower Upper
152 100
115 65.3 37.5 112.7
150 159.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027933.D
Acq: 02 Apr 2022 15:09

Tgt Ion: 75 Resp: 32080
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.297 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027933.D
 Acq: 02 Apr 2022 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Tgt Ion: 75 Resp: 32080
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

