

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027917.D
 Acq On : 02 Apr 2022 05:55
 Operator : JC/MD
 Sample : N2204-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 02 07:35:42 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)

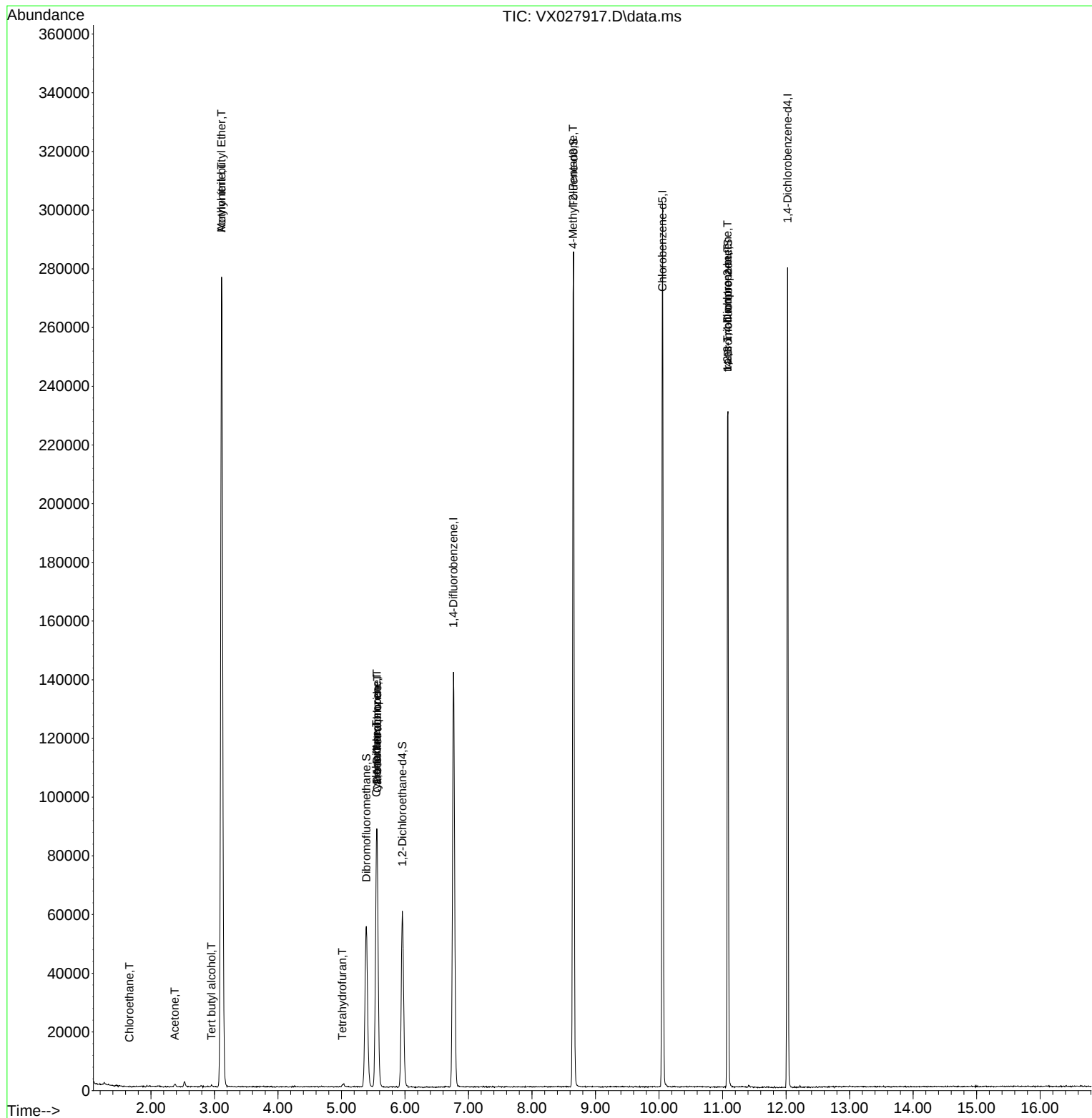
Internal Standards						
1) Pentafluorobenzene	5.556	168	78205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59576	59.041	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.080%	
35) Dibromofluoromethane	5.391	113	47253	53.467	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.940%	
50) Toluene-d8	8.653	98	166416	53.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	11.085	95	65617	49.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	110	0.254	ug/l	# 43
11) Tert butyl alcohol	2.953	59	627	3.235	ug/l	# 72
15) Acrylonitrile	3.111	53	3476	7.638	ug/l	# 26
16) Acetone	2.374	43	1074	2.405	ug/l	# 65
19) Methyl tert-butyl Ether	3.111	73	296194	115.706	ug/l	99
29) Tetrahydrofuran	5.013	42	701	1.679	ug/l	# 73
31) Cyclohexane	5.550	56	2065	1.851	ug/l	# 42
36) 1,1-Dichloropropene	5.556	75	6808	6.116	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	8777	7.137	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	779	0.508	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	34788	25.775	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34788	75.570	ug/l	# 15

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

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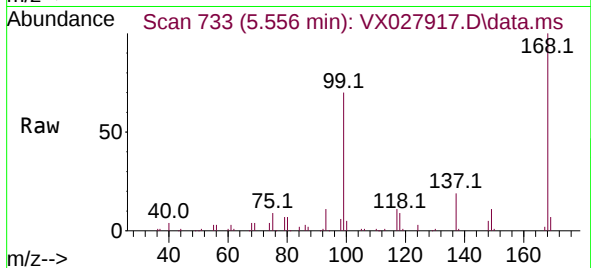
Quant Time: Apr 02 07:35:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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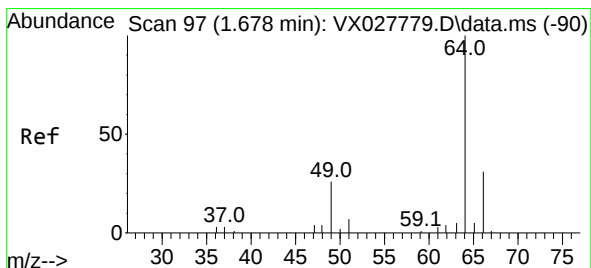
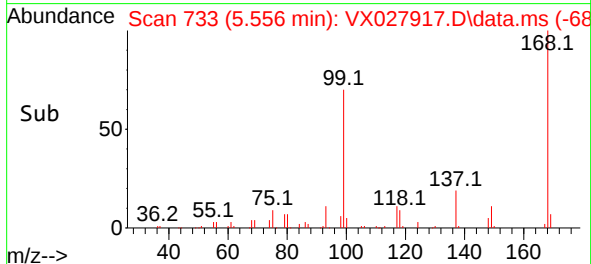
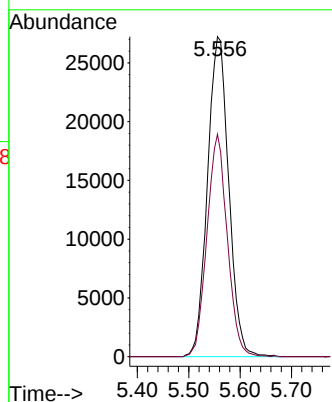


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Instrument :
MSVOA_X
ClientSampleId :
MW-4

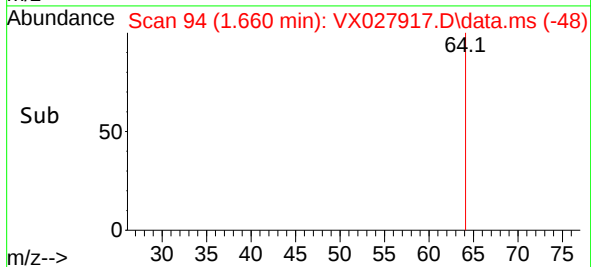
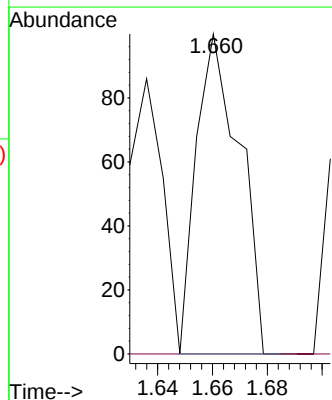
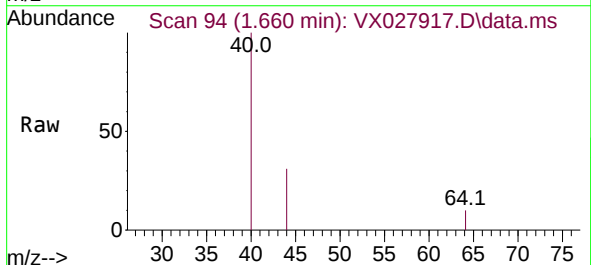


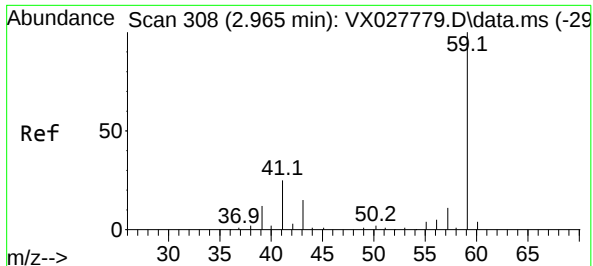
Tgt Ion:168 Resp: 78205
Ion Ratio Lower Upper
168 100
99 69.5 41.7 62.5#



#6
Chloroethane
Concen: 0.254 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 3.235 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

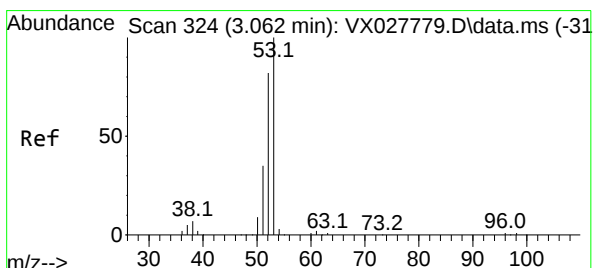
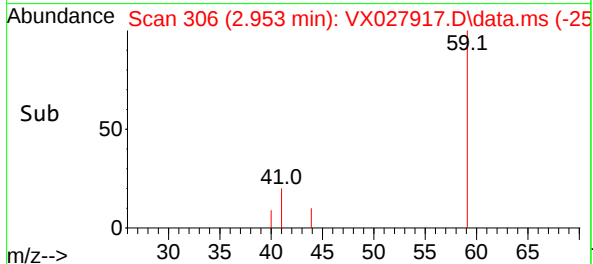
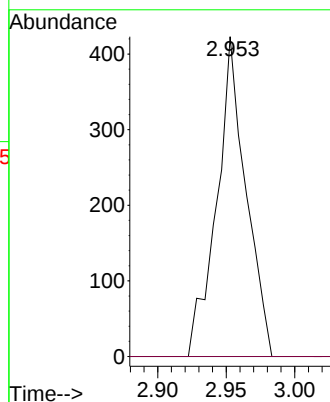
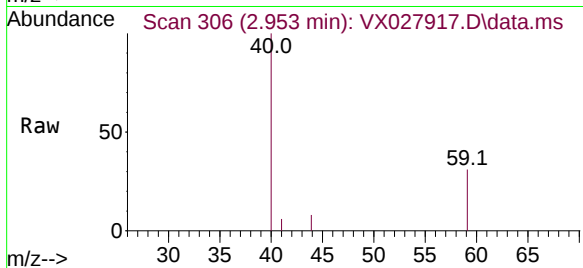
MW-4

Tgt Ion: 59 Resp: 627

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#15

Acrylonitrile

Concen: 7.638 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.049 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

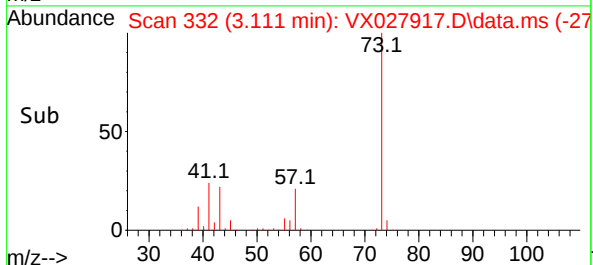
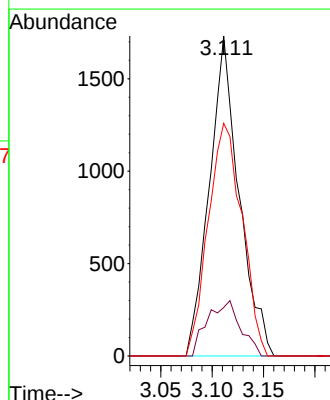
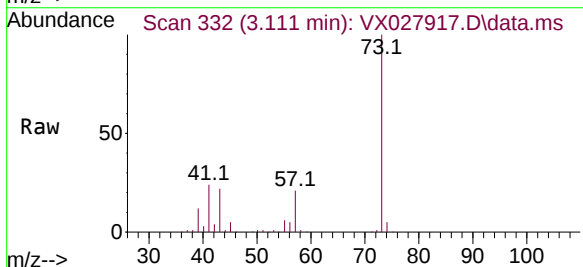
Tgt Ion: 53 Resp: 3476

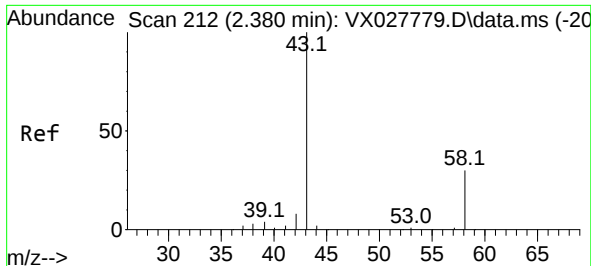
Ion Ratio Lower Upper

53 100

52 19.2 65.7 98.5#

51 82.9 28.4 42.6#

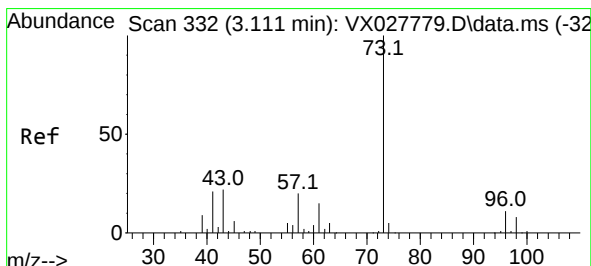
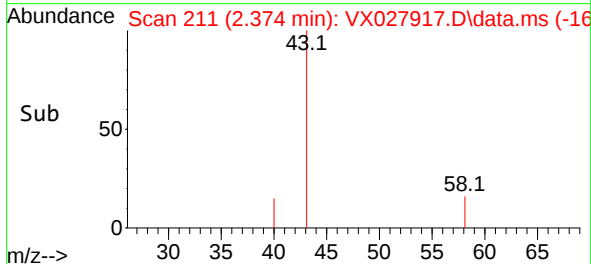
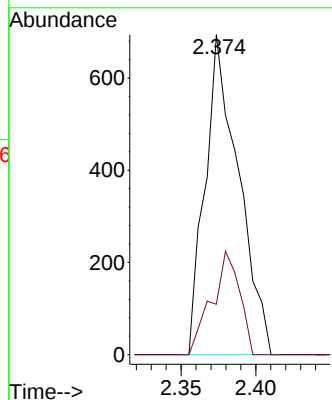
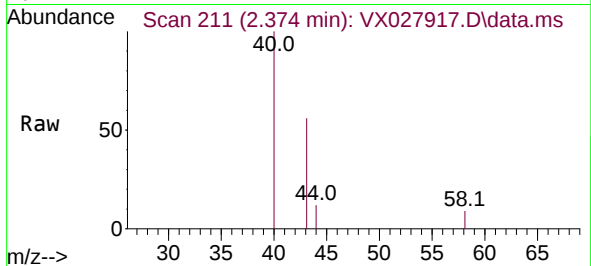




#16
Acetone
Concen: 2.405 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

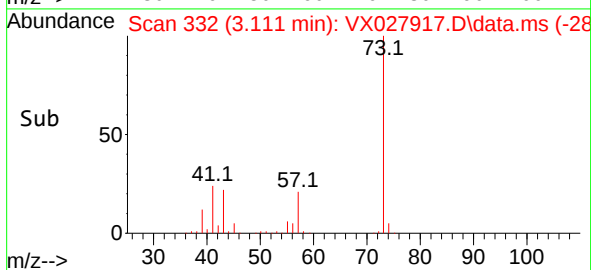
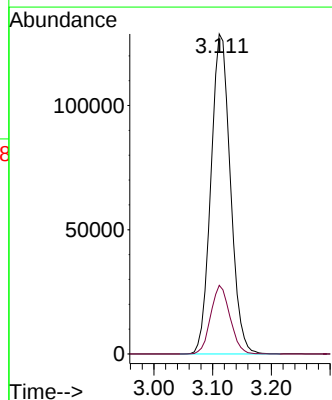
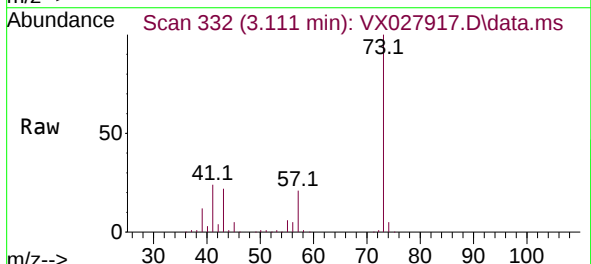
Instrument :
MSVOA_X
ClientSampleId :
MW-4

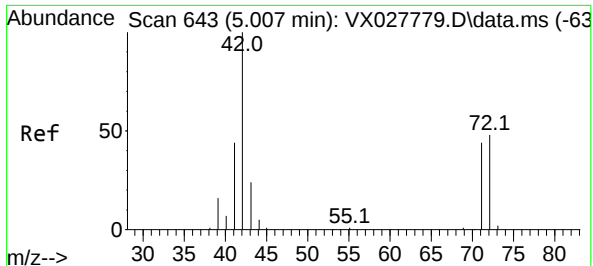
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 15.7 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 115.706 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 73 Resp: 296194
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2





#29

Tetrahydrofuran

Concen: 1.679 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

MW-4

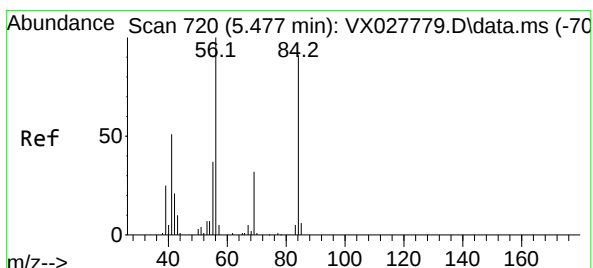
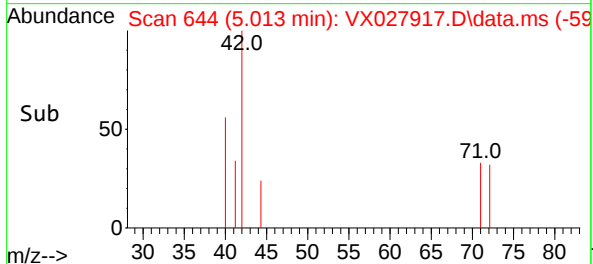
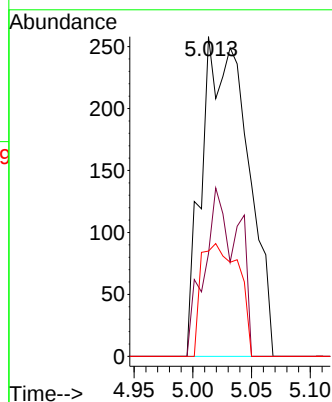
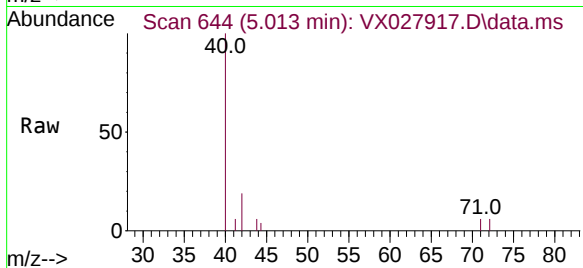
Tgt Ion: 42 Resp: 701

Ion Ratio Lower Upper

42 100

72 38.8 44.1 66.1#

71 29.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.851 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

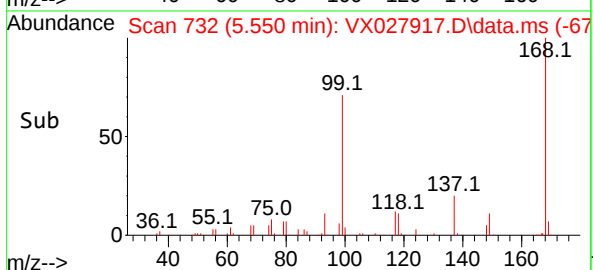
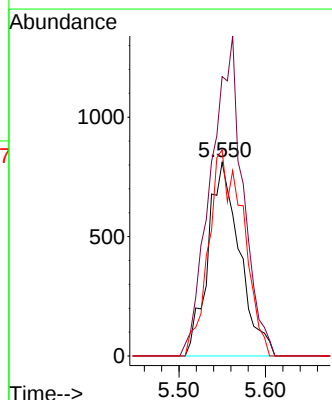
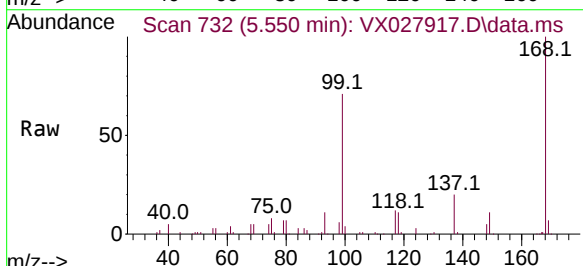
Tgt Ion: 56 Resp: 2065

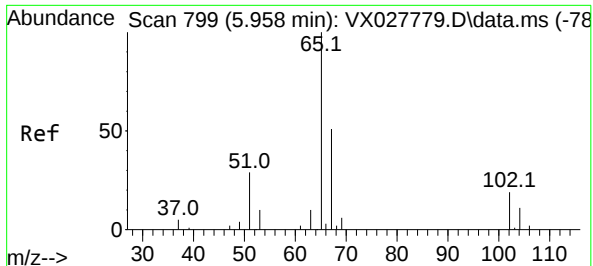
Ion Ratio Lower Upper

56 100

69 144.3 26.7 40.1#

84 106.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 59.041 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

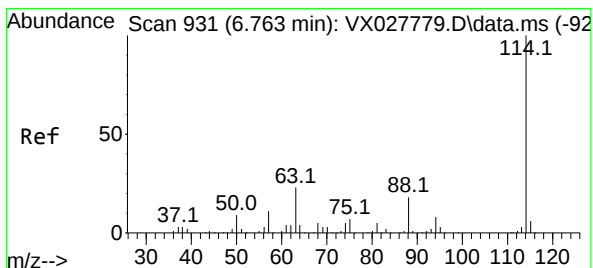
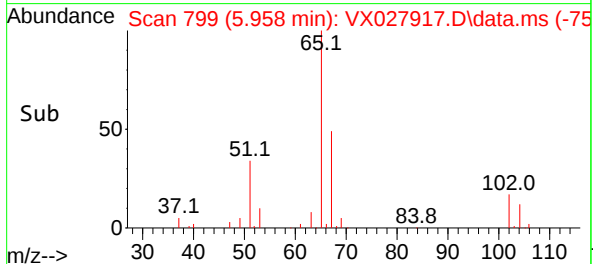
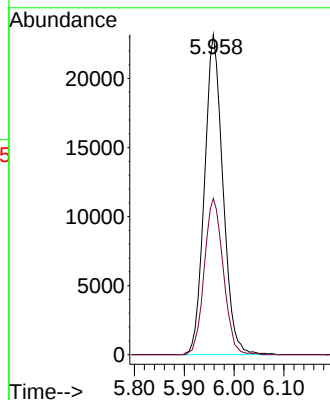
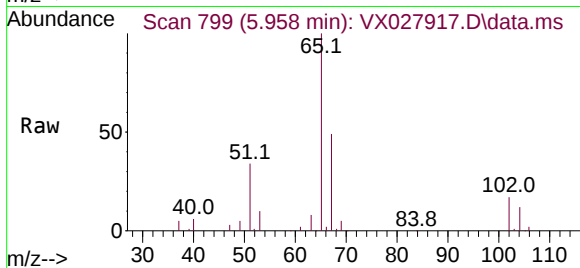
MW-4

Tgt Ion: 65 Resp: 59576

Ion Ratio Lower Upper

65 100

67 50.2 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: VX027917.D

Acq: 02 Apr 2022 05:55

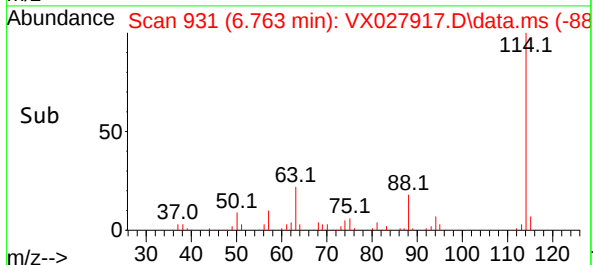
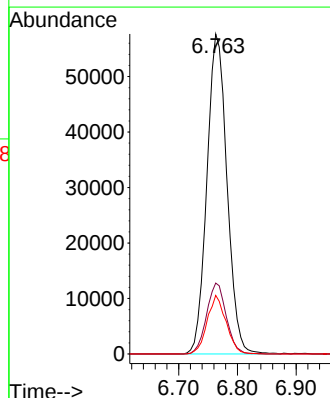
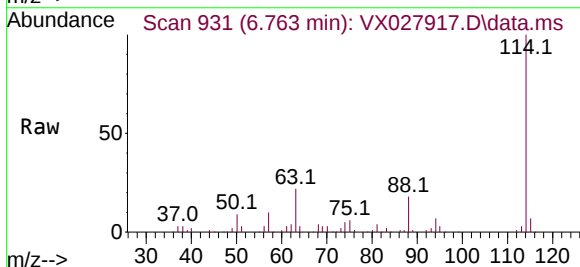
Tgt Ion: 114 Resp: 136918

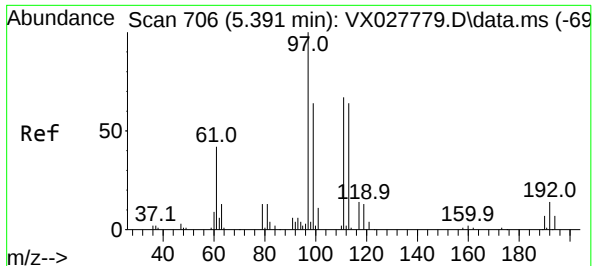
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.8

88 18.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.467 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

MW-4

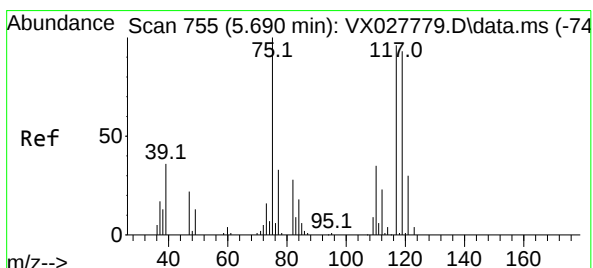
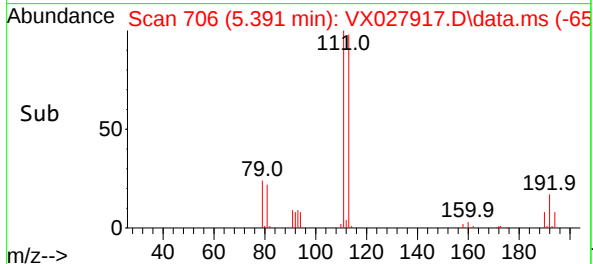
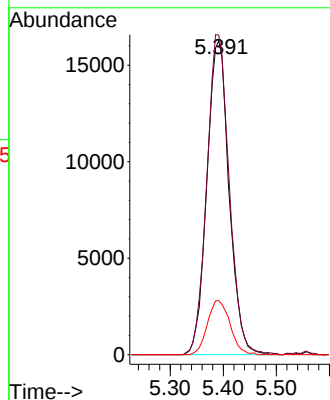
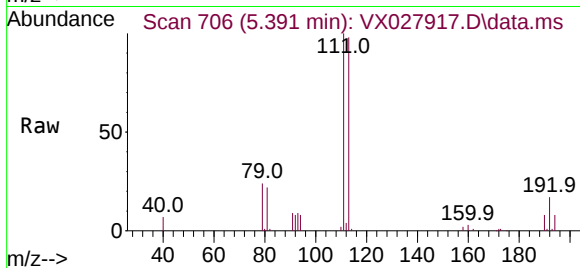
Tgt Ion:113 Resp: 47253

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 17.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.116 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

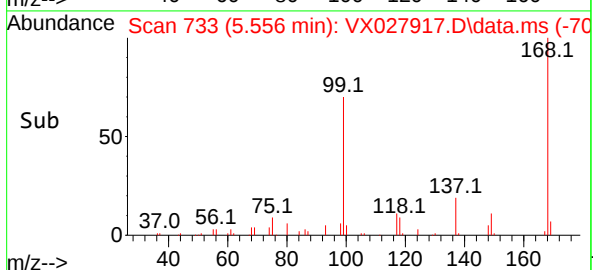
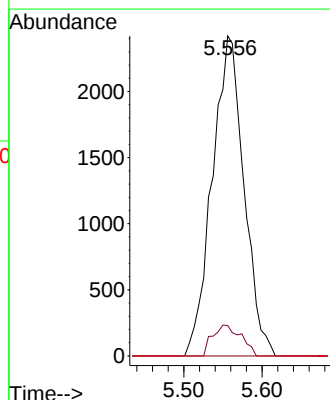
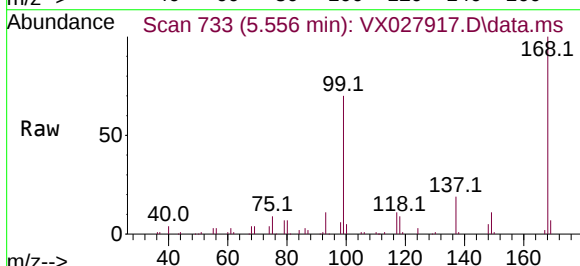
Tgt Ion: 75 Resp: 6808

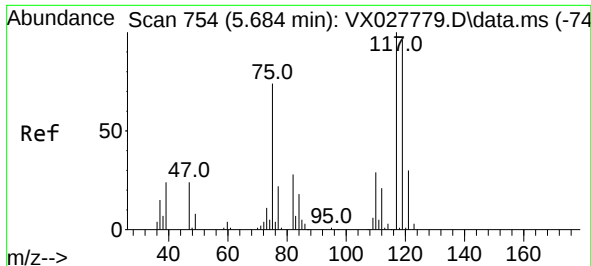
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

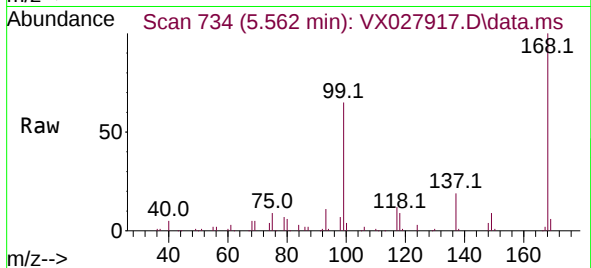
77 0.0 24.8 37.2#



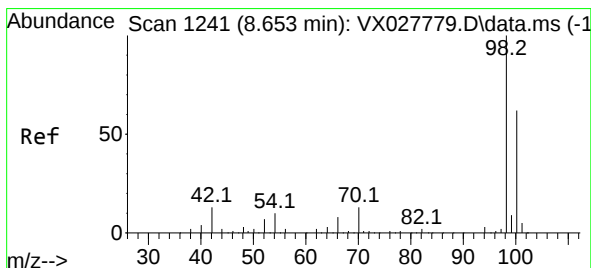
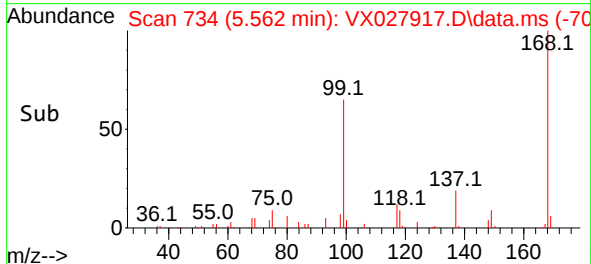
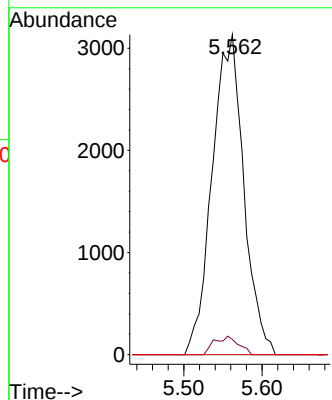


#38
Carbon Tetrachloride
Concen: 7.137 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Instrument :
MSVOA_X
ClientSampleId :
MW-4

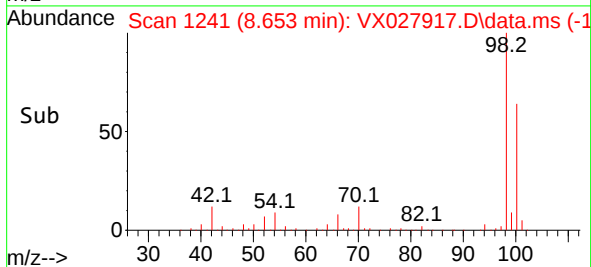
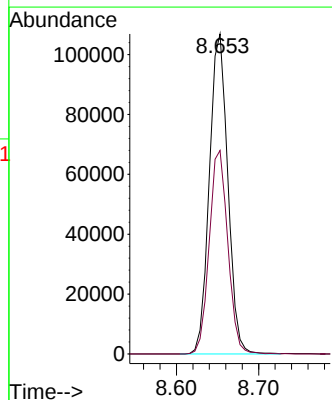
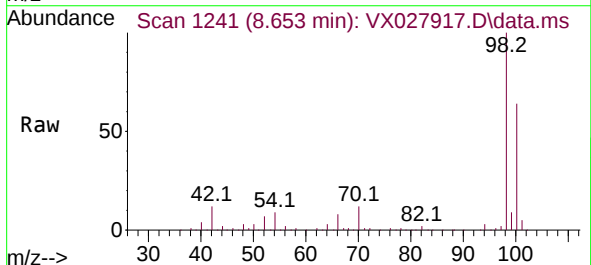


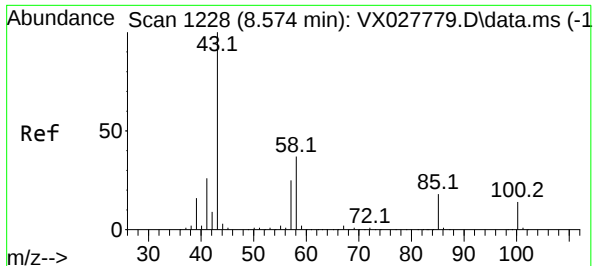
Tgt Ion:117 Resp: 8777
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 98 Resp: 166416
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

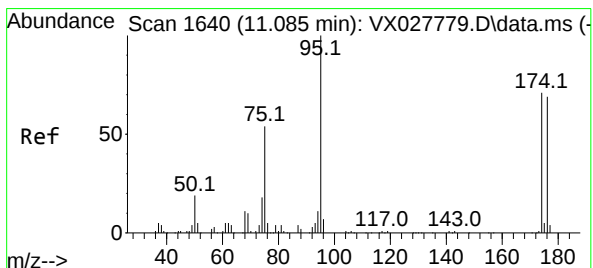
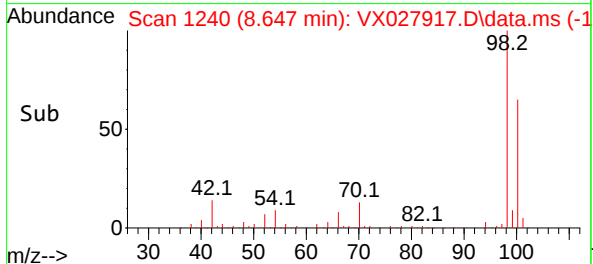
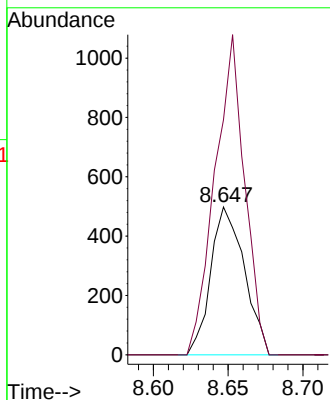
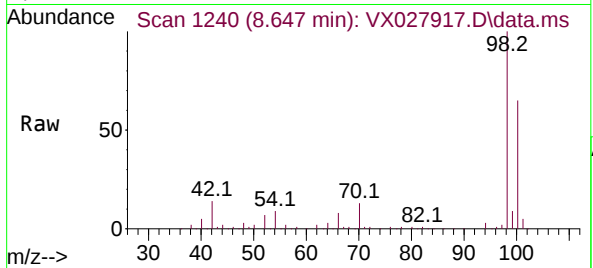




#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

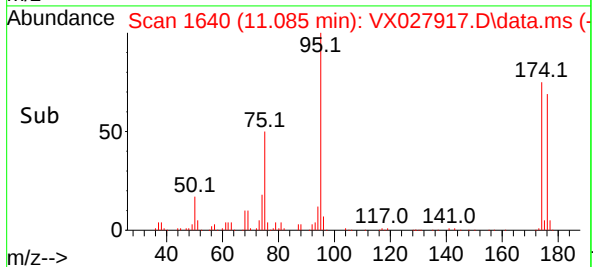
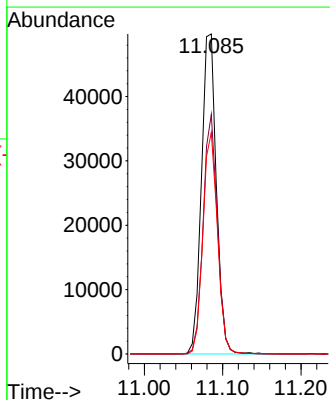
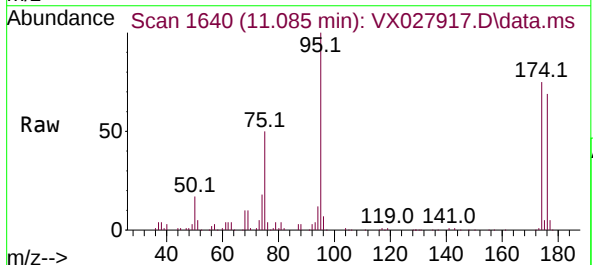
Instrument :
MSVOA_X
ClientSampleId :
MW-4

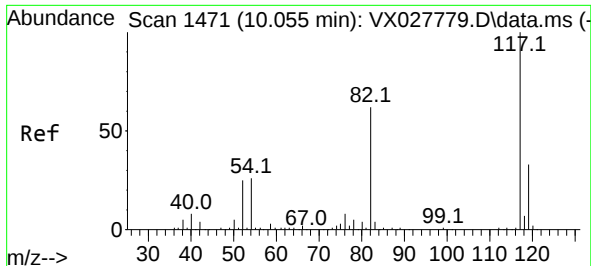
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 191.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.656 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 95 Resp: 65617
Ion Ratio Lower Upper
95 100
174 71.5 0.0 163.0
176 67.5 0.0 155.0

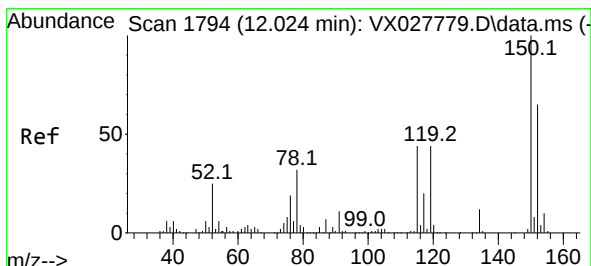
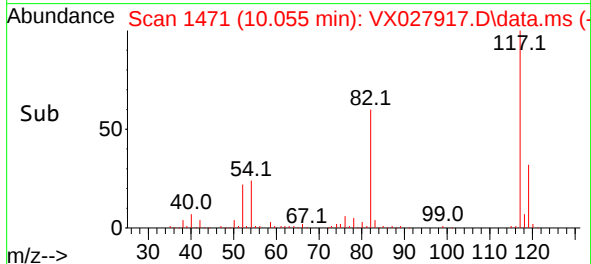
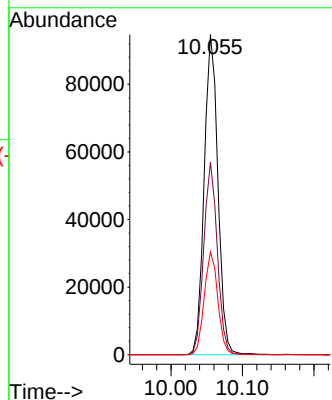
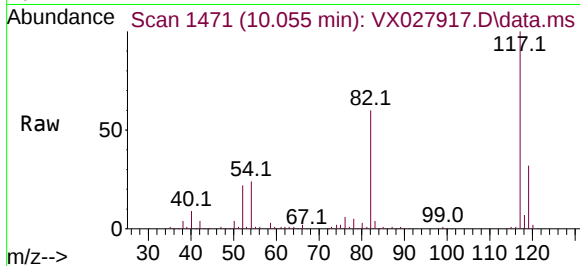




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

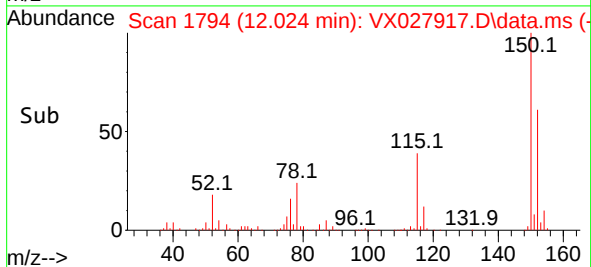
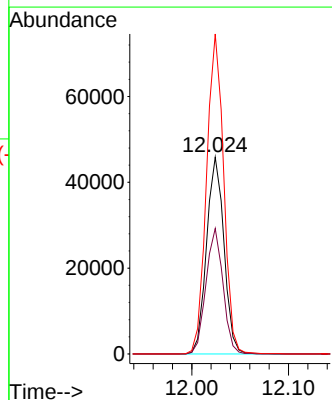
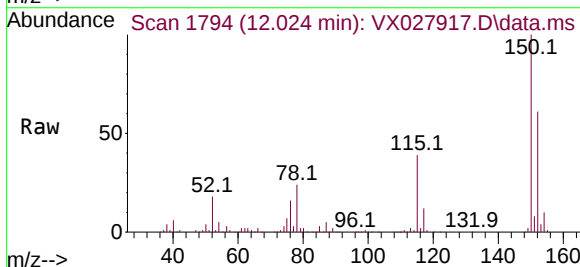
Instrument :
MSVOA_X
ClientSampleId :
MW-4

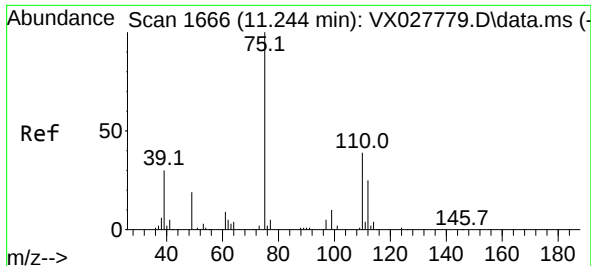
Tgt Ion:117 Resp: 126525
Ion Ratio Lower Upper
117 100
82 60.2 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion:152 Resp: 57535
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 159.8 0.0 338.2

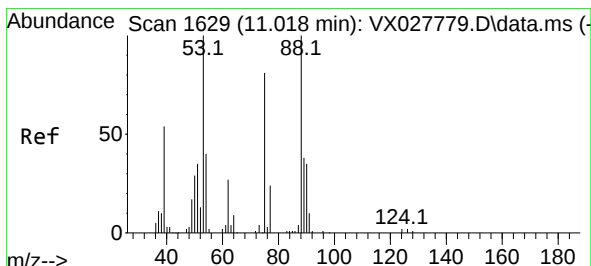
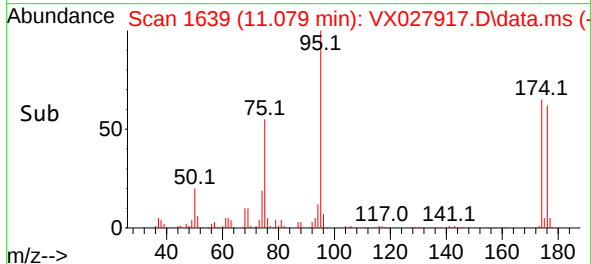
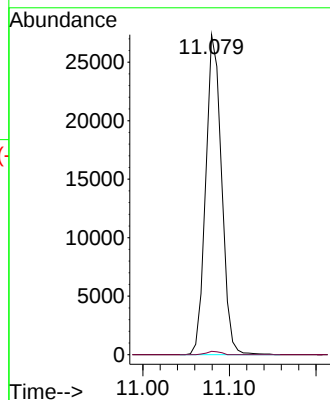
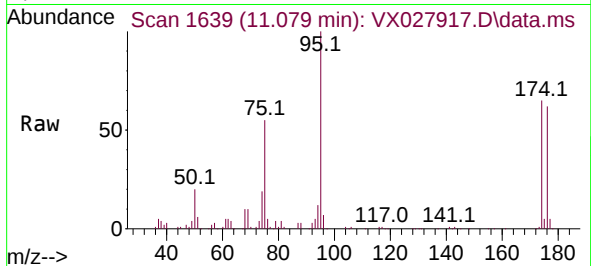




#76
1,2,3-Trichloropropane
Concen: 25.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 34788
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 75 Resp: 34788
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

