

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027916.D
 Acq On : 02 Apr 2022 05:31
 Operator : JC/MD
 Sample : N2204-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Apr 02 07:35:27 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)

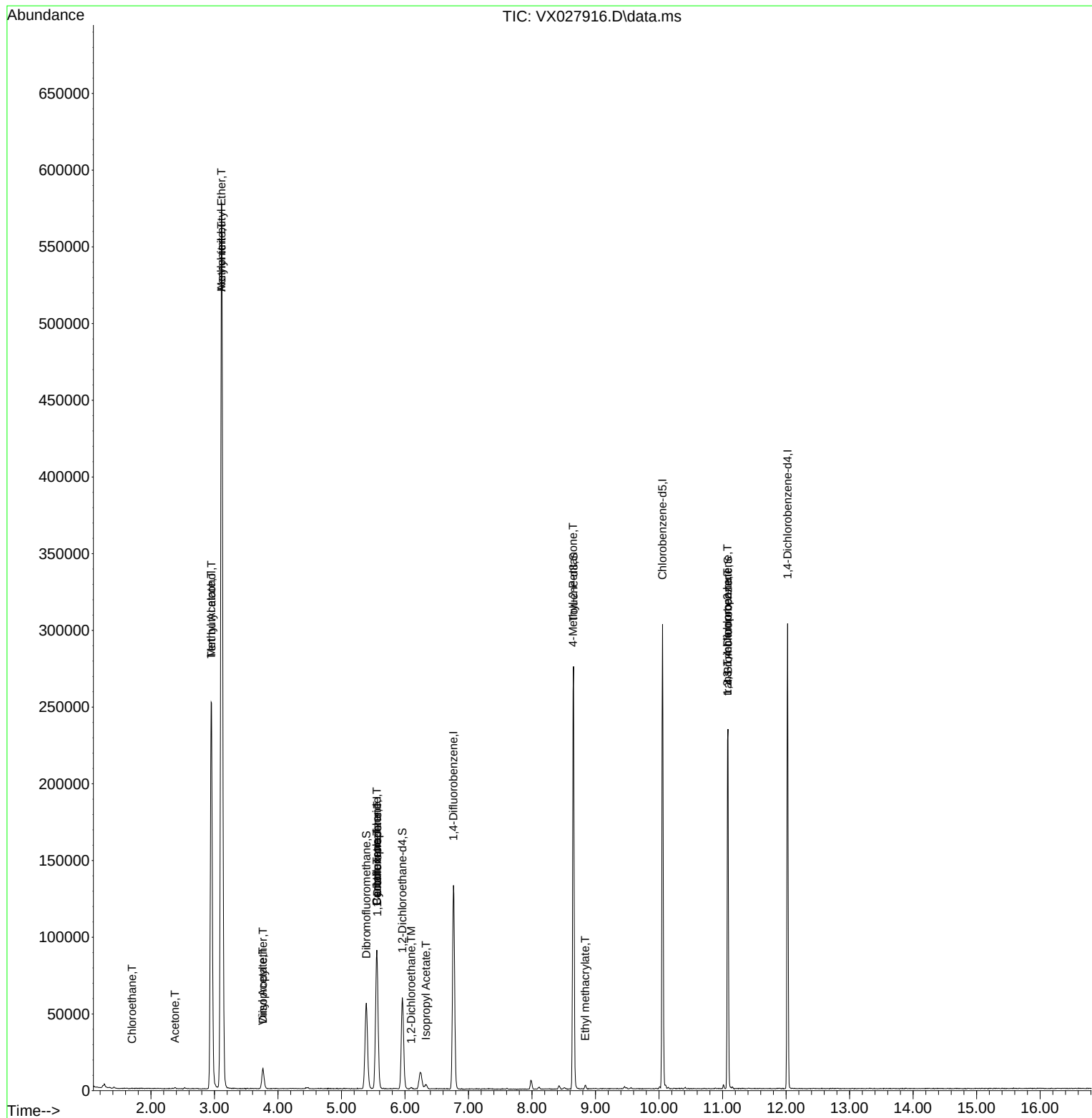
Internal Standards						
1) Pentafluorobenzene	5.556	168	78946	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	138608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58935	57.858	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.720%
35) Dibromofluoromethane	5.391	113	47567	53.166	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.340%
50) Toluene-d8	8.653	98	165902	52.703	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.400%
62) 4-Bromofluorobenzene	11.085	95	64832	48.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.920%
Target Compounds						
						Qvalue
6) Chloroethane	1.703	64	165	0.378	ug/l	# 43
11) Tert butyl alcohol	2.953	59	287617	1469.954	ug/l	100
15) Acrylonitrile	3.111	53	6908	15.036	ug/l	# 26
16) Acetone	2.380	43	830	1.841	ug/l	96
18) Methyl Acetate	2.947	43	40383	36.339	ug/l	# 46
19) Methyl tert-butyl Ether	3.111	73	633445	245.128	ug/l	100
22) Diisopropyl ether	3.764	45	13344	5.347	ug/l	# 85
23) Vinyl Acetate	3.757	43	6847	3.176	ug/l	# 66
31) Cyclohexane	5.556	56	1900	1.687	ug/l	# 41
36) 1,1-Dichloropropene	5.562	75	6759	5.998	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8714	6.999	ug/l	# 16
42) 1,2-Dichloroethane	6.098	62	959	0.703	ug/l	# 73
43) Isopropyl Acetate	6.330	43	1054	0.471	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.647	43	620	0.399	ug/l	# 1
56) Ethyl methacrylate	8.836	69	338	0.224	ug/l	# 63
76) 1,2,3-Trichloropropane	11.079	75	35708	27.364	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35708	80.013	ug/l	# 15

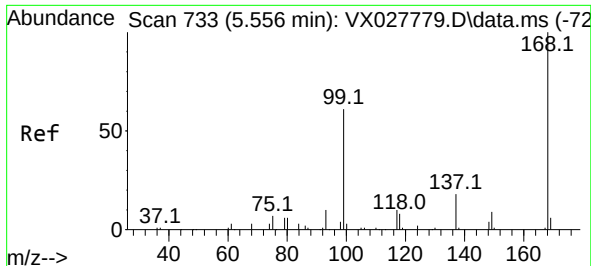
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-7

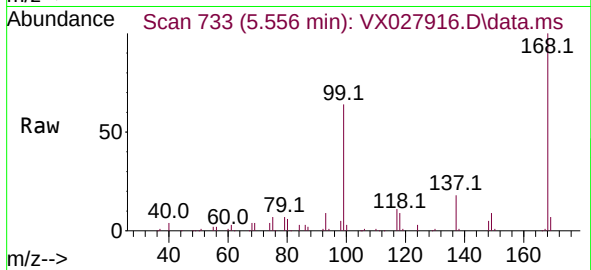
Quant Time: Apr 02 07:35:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



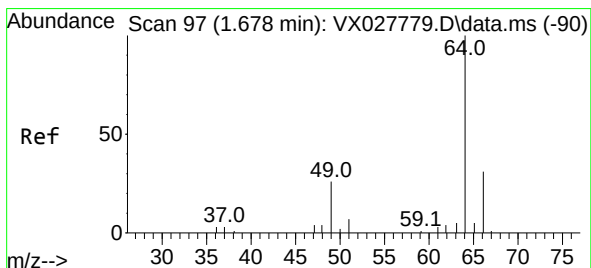
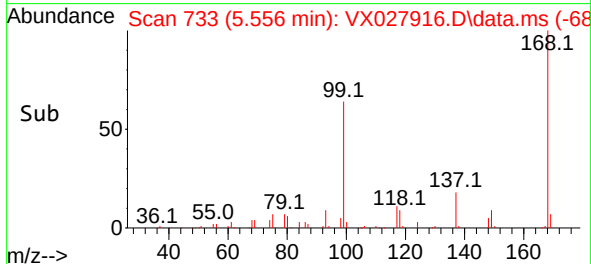
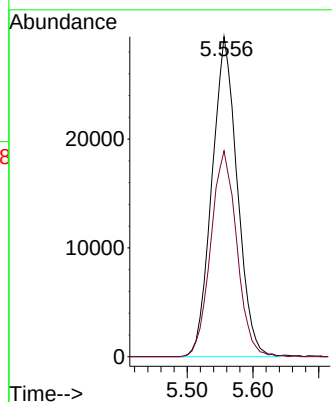


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Instrument :
MSVOA_X
ClientSampleId :
MW-7

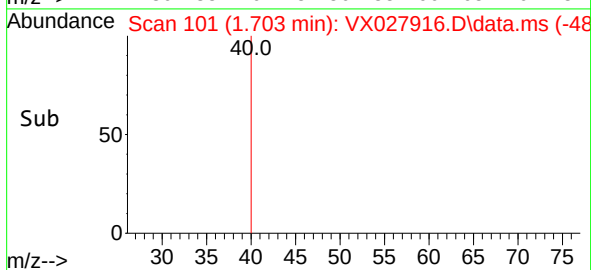
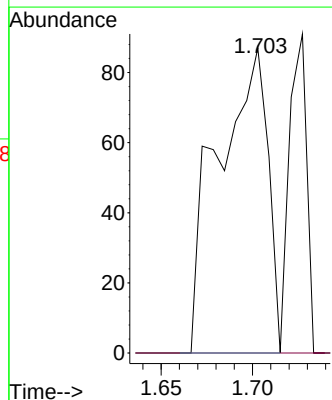
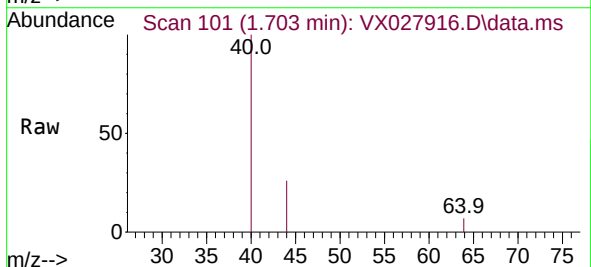


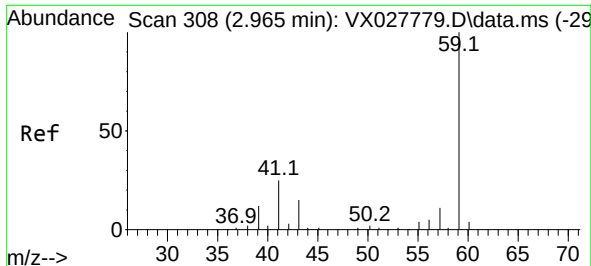
Tgt Ion:168 Resp: 78946
Ion Ratio Lower Upper
168 100
99 64.3 41.7 62.5#



#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 64 Resp: 165
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

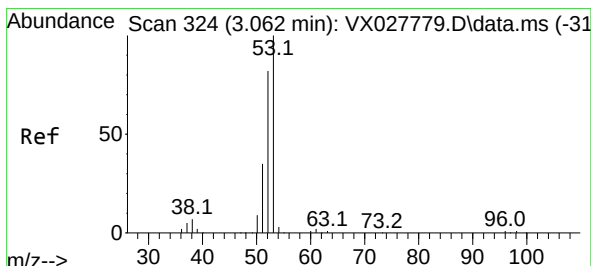
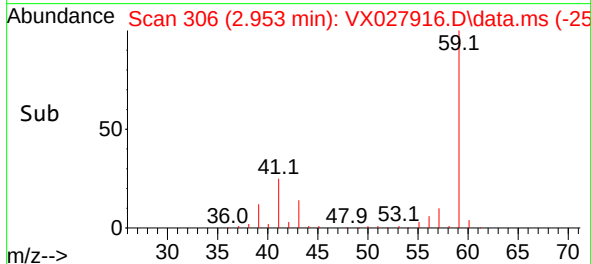
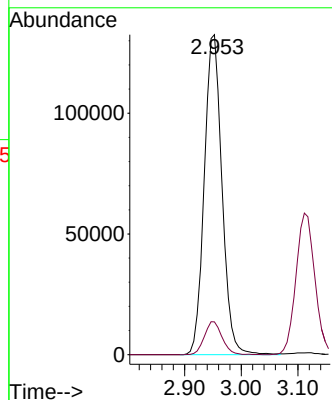
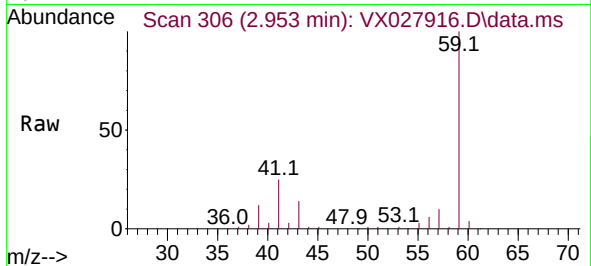




#11
Tert butyl alcohol
Concen: 1469.954 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

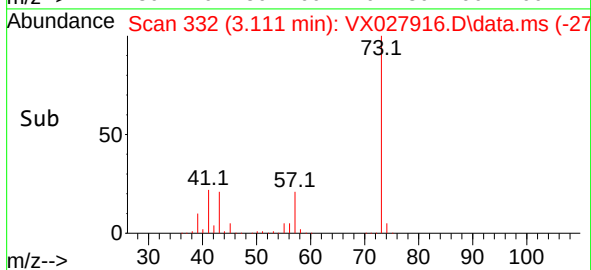
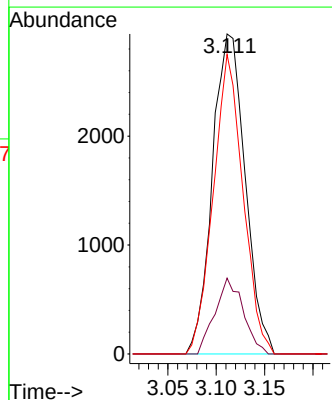
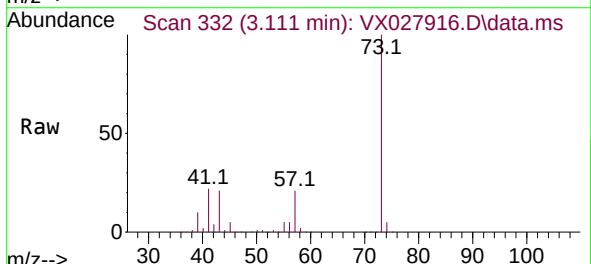
Instrument :
MSVOA_X
ClientSampleId :
MW-7

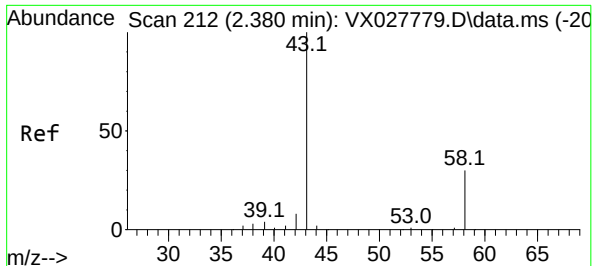
Tgt Ion: 59 Resp: 287617
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#15
Acrylonitrile
Concen: 15.036 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.049 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 53 Resp: 6908
Ion Ratio Lower Upper
53 100
52 20.5 65.7 98.5#
51 84.9 28.4 42.6#

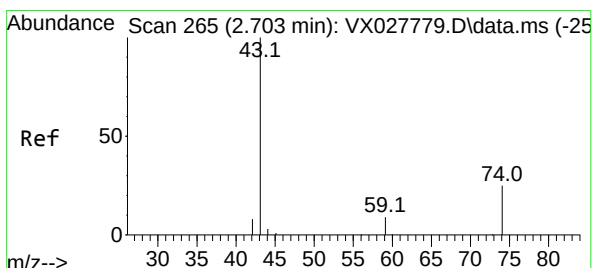
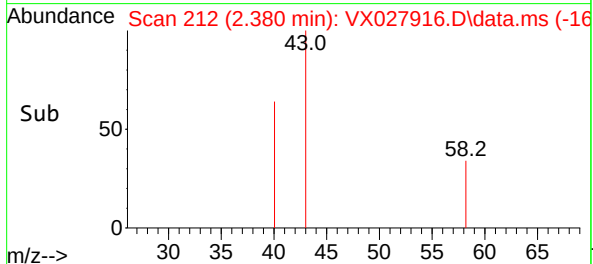
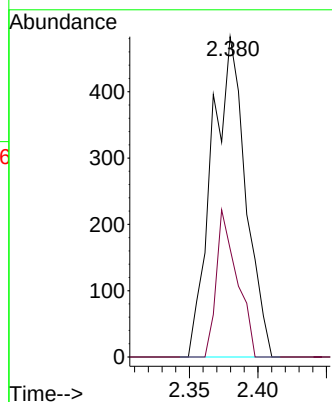
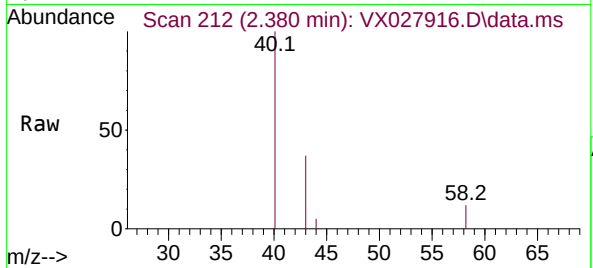




#16
Acetone
Concen: 1.841 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

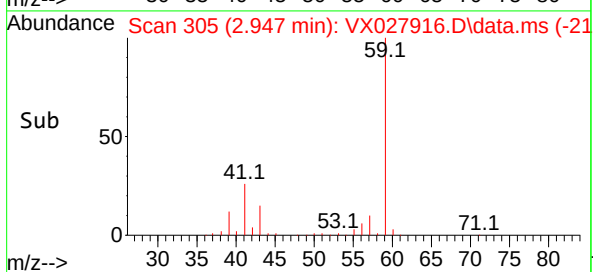
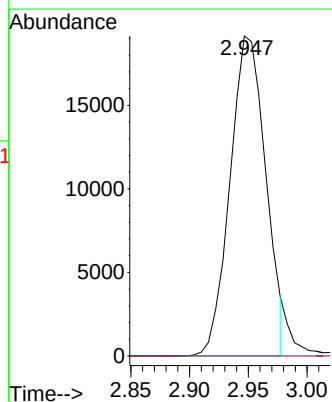
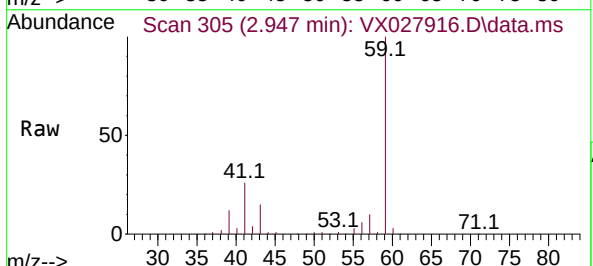
Instrument :
MSVOA_X
ClientSampleId :
MW-7

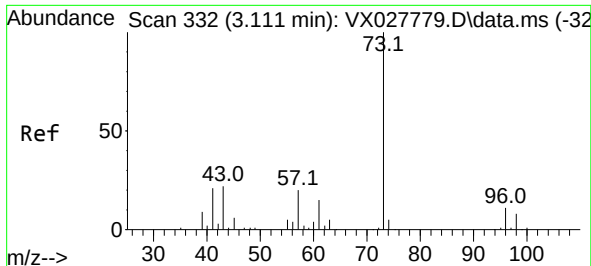
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 33.7 28.8 43.2



#18
Methyl Acetate
Concen: 36.339 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.244 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 43 Resp: 40383
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

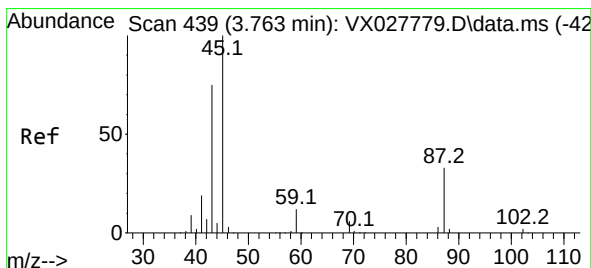
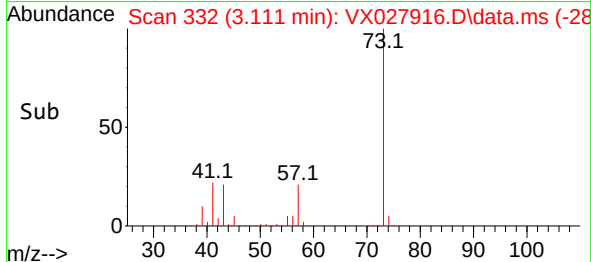
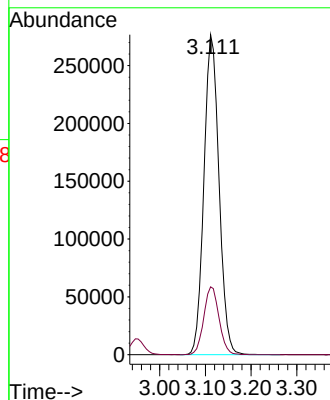
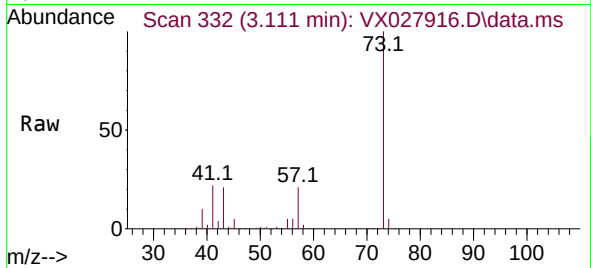




#19
Methyl tert-butyl Ether
Concen: 245.128 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

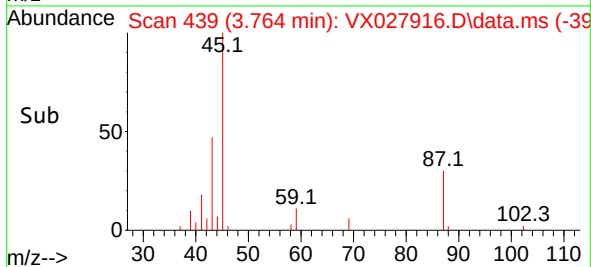
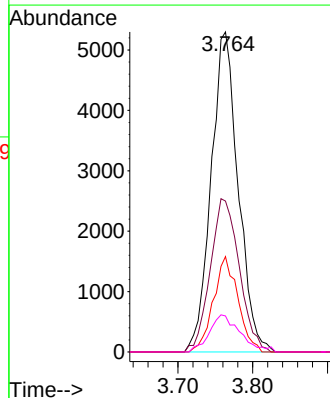
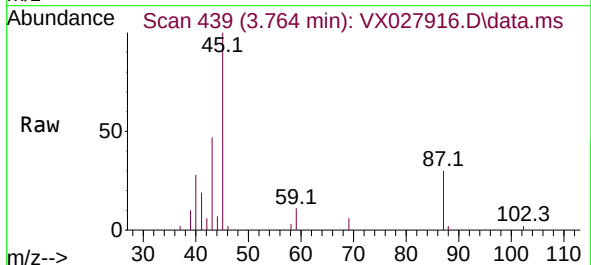
Instrument :
MSVOA_X
ClientSampleId :
MW-7

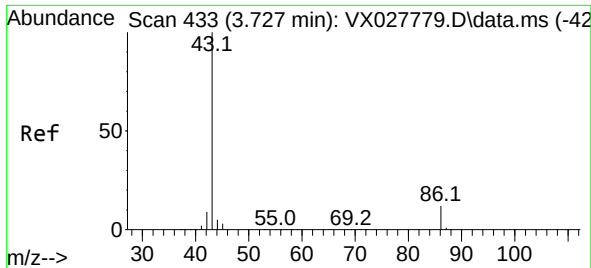
Tgt Ion: 73 Resp: 633445
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#22
Diisopropyl ether
Concen: 5.347 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 45 Resp: 13344
Ion Ratio Lower Upper
45 100
43 47.1 50.8 76.2#
87 29.8 26.6 39.8
59 11.3 10.5 15.7

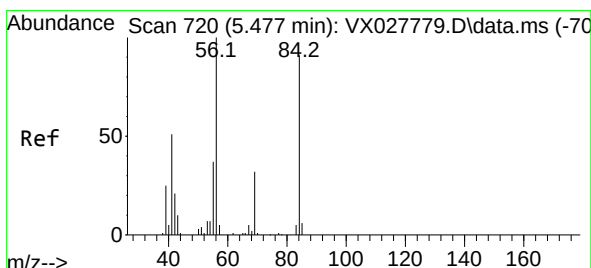
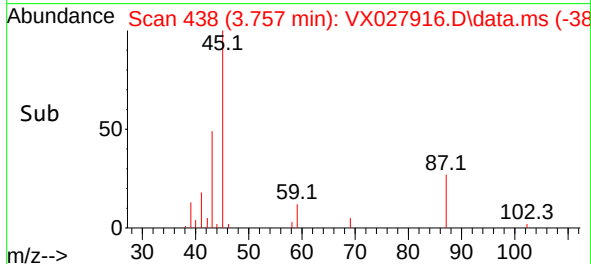
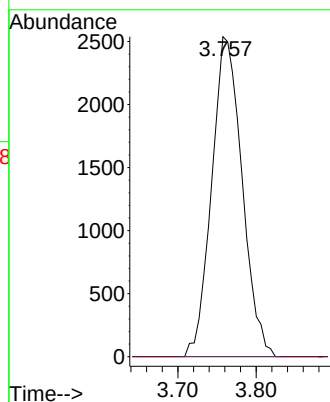
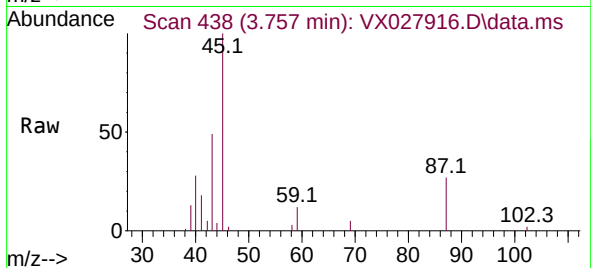




#23
 Vinyl Acetate
 Concen: 3.176 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX027916.D
 Acq: 02 Apr 2022 05:31

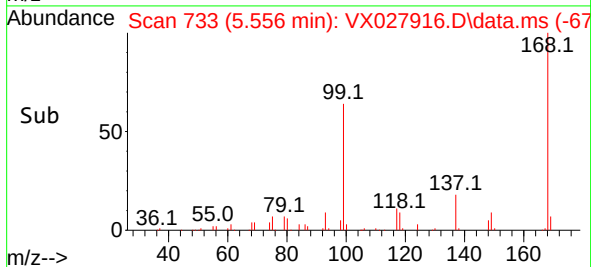
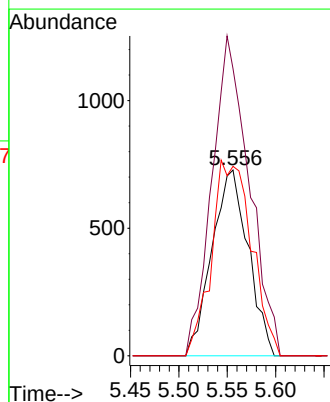
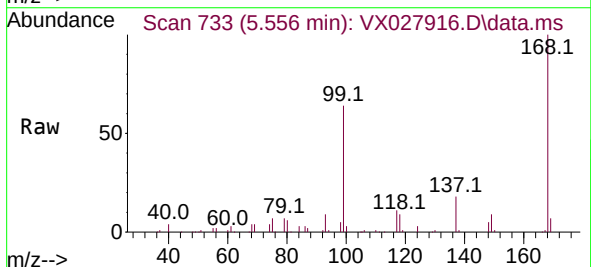
Instrument :
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 ClientSampleId :
 MW-7

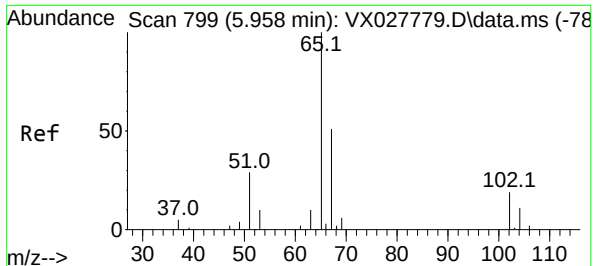
Tgt Ion: 43 Resp: 6847
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#31
 Cyclohexane
 Concen: 1.687 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX027916.D
 Acq: 02 Apr 2022 05:31

Tgt Ion: 56 Resp: 1900
 Ion Ratio Lower Upper
 56 100
 69 154.5 26.7 40.1#
 84 101.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 57.858 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027916.D

Acq: 02 Apr 2022 05:31

Instrument :

MSVOA_X

ClientSampleId :

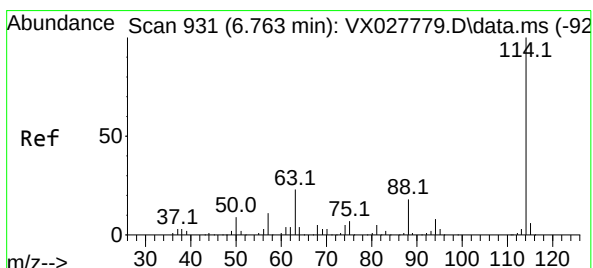
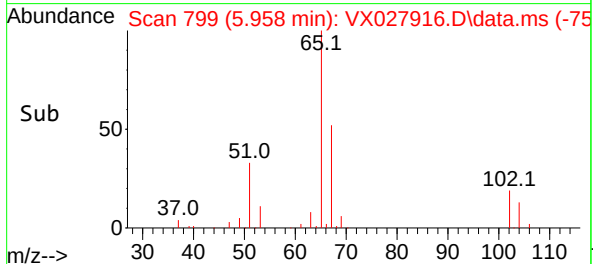
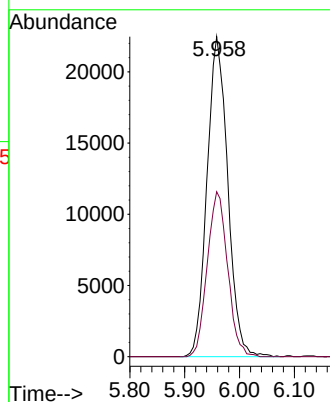
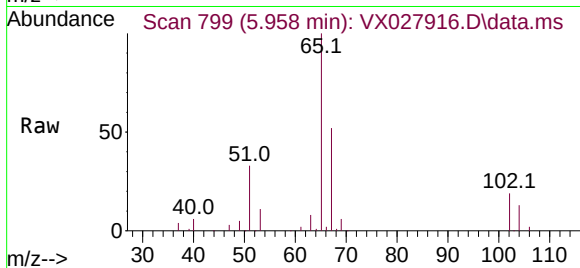
MW-7

Tgt Ion: 65 Resp: 58935

Ion Ratio Lower Upper

65 100

67 50.7 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: VX027916.D

Acq: 02 Apr 2022 05:31

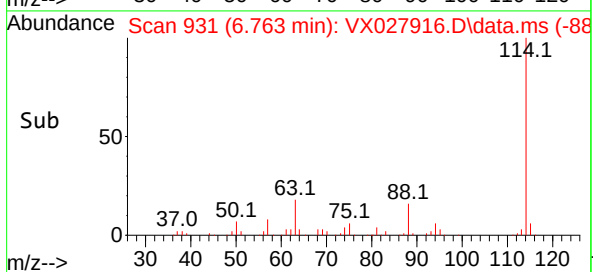
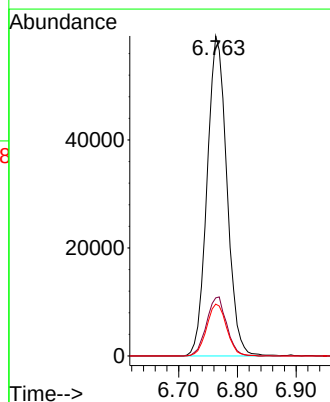
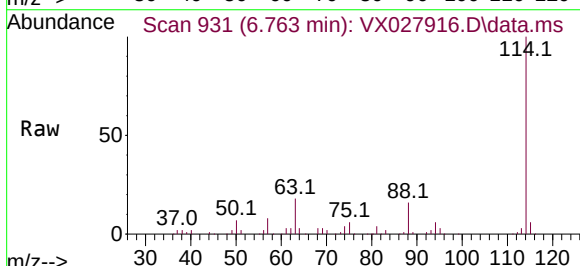
Tgt Ion: 114 Resp: 138608

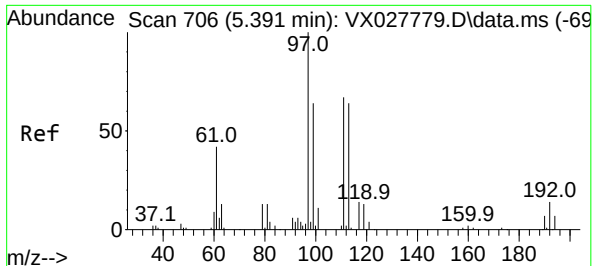
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.2 0.0 32.4

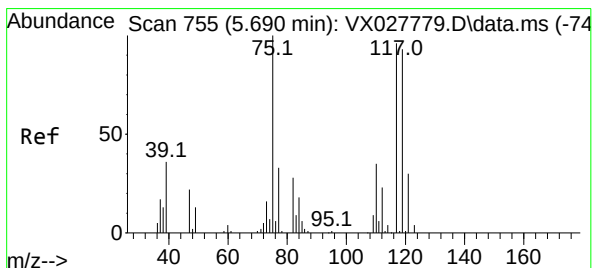
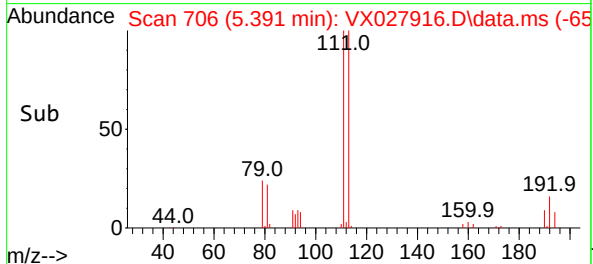
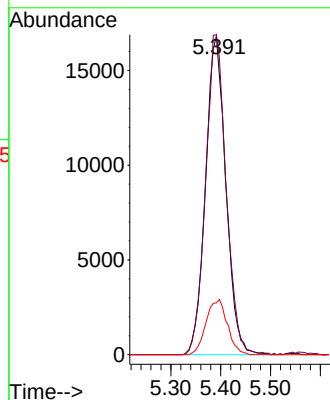
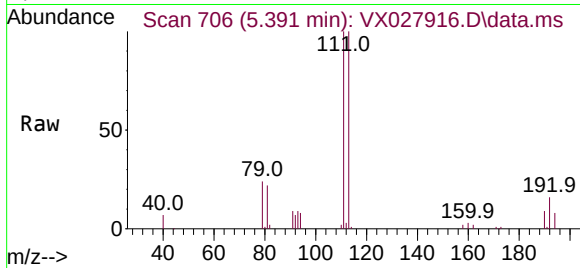




#35
Dibromofluoromethane
Concen: 53.166 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

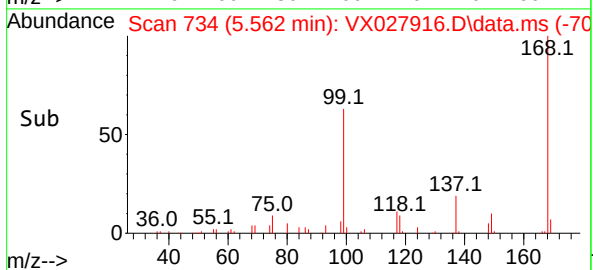
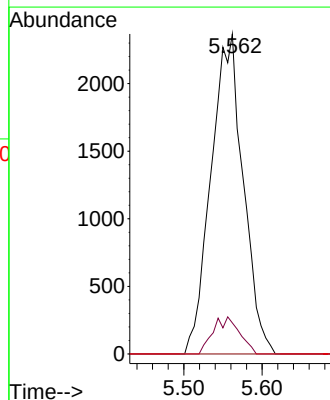
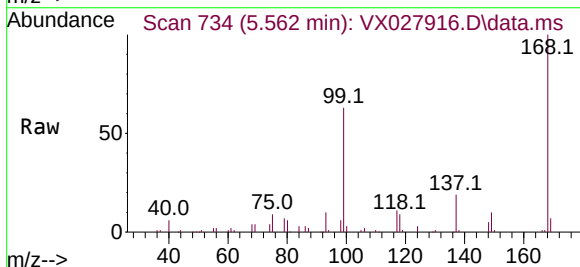
Instrument :
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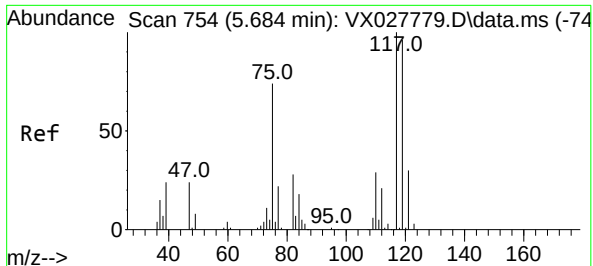
Tgt Ion:113 Resp: 47567
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.998 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

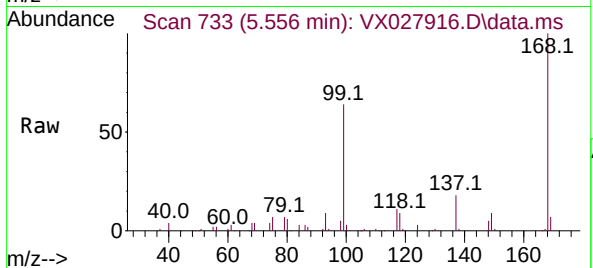
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Ion Ratio Lower Upper
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110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



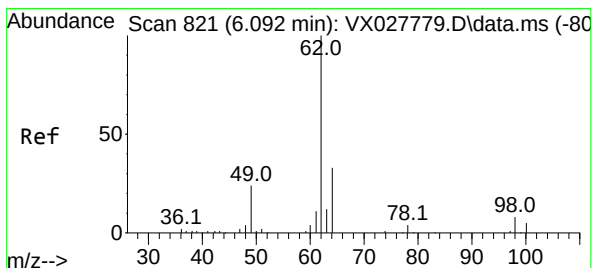
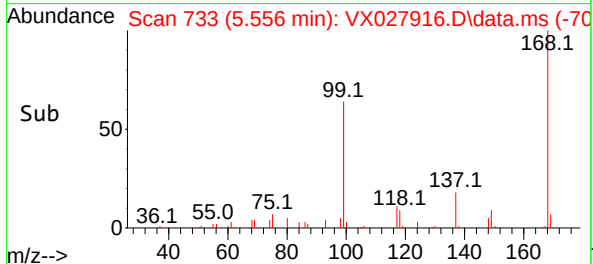
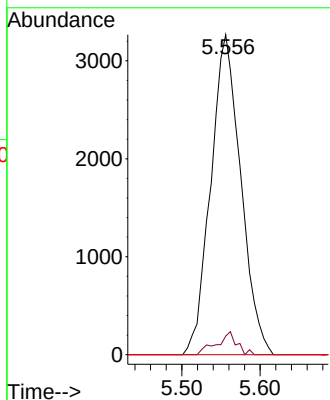


#38
Carbon Tetrachloride
Concen: 6.999 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Instrument :
MSVOA_X
ClientSampleId :
MW-7

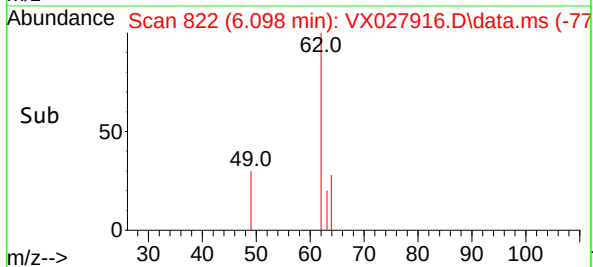
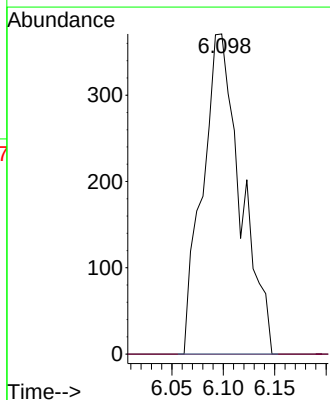
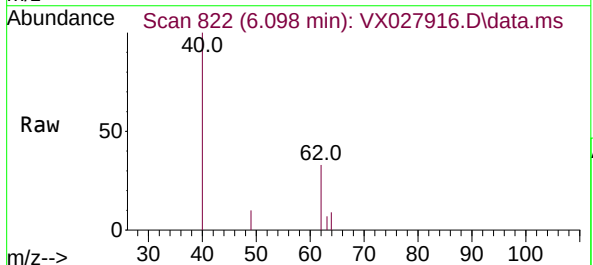


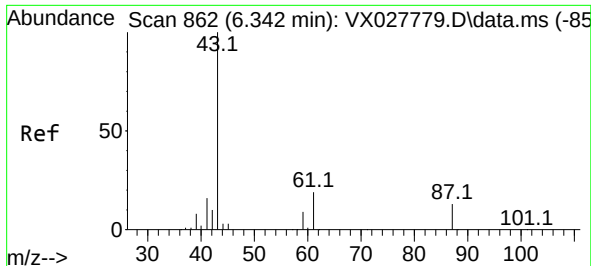
Tgt Ion:117 Resp: 8714
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 0.703 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 62 Resp: 959
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4

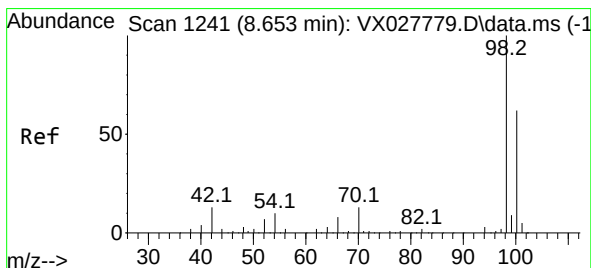
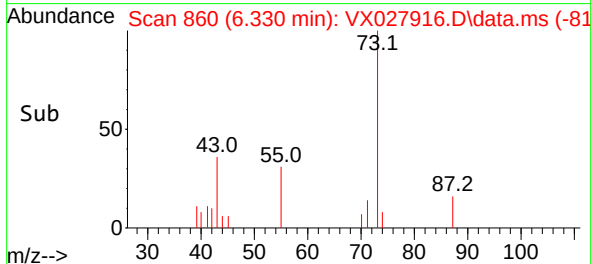
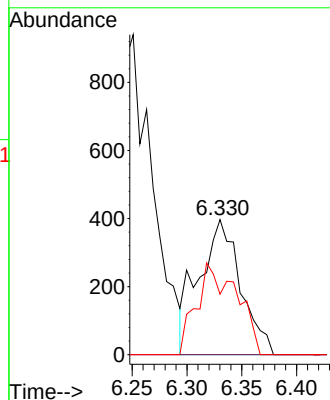
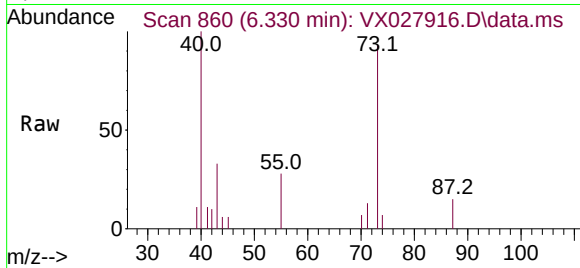




#43
Isopropyl Acetate
Concen: 0.471 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

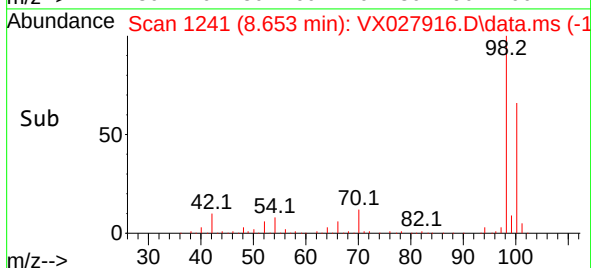
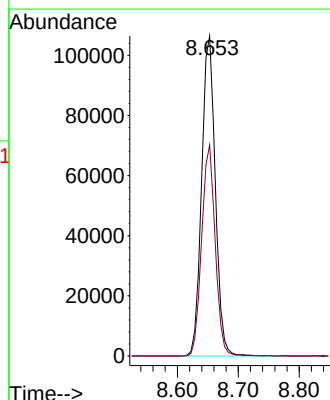
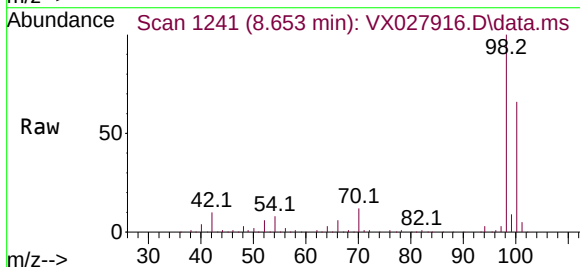
Instrument :
MSVOA_X
ClientSampleId :
MW-7

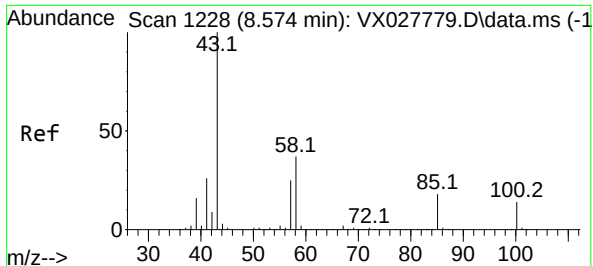
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 65.5 13.0 19.6#



#50
Toluene-d8
Concen: 52.703 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 98 Resp: 165902
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

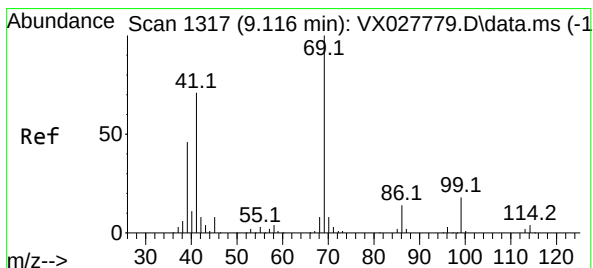
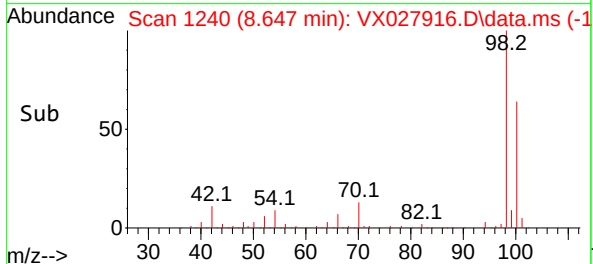
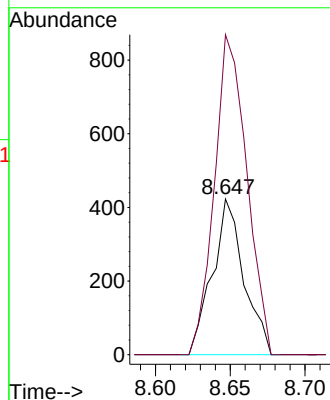
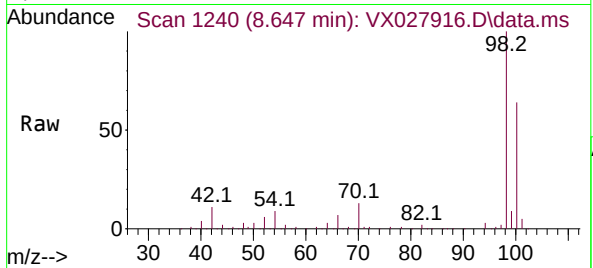




#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

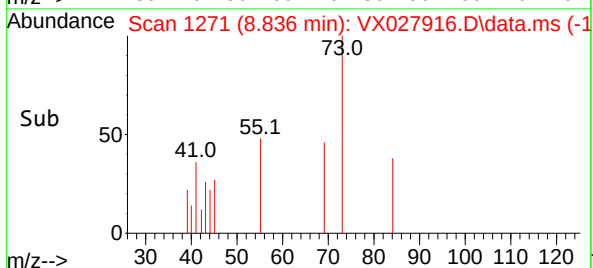
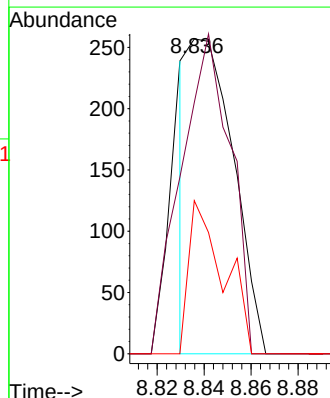
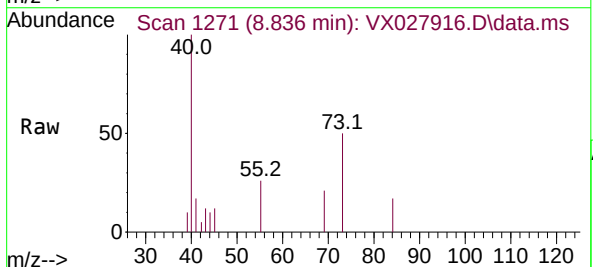
Instrument :
MSVOA_X
ClientSampleId :
MW-7

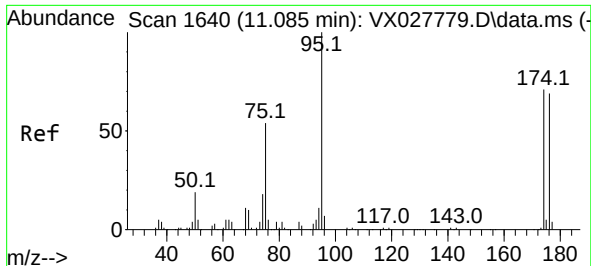
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 211.5 36.1 54.1#



#56
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 8.836 min Scan# 1271
Delta R.T. -0.280 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 69 Resp: 338
Ion Ratio Lower Upper
69 100
41 87.6 43.8 65.6#
39 38.2 22.2 33.2#

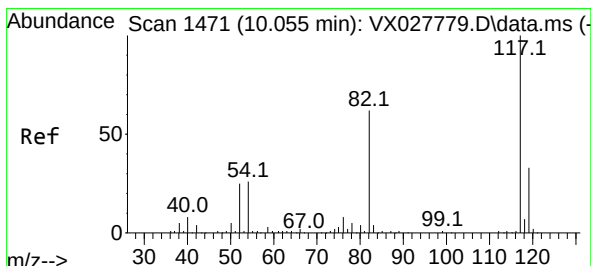
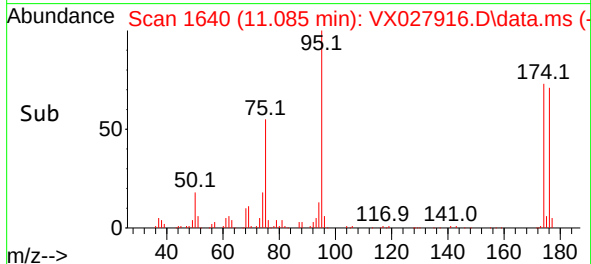
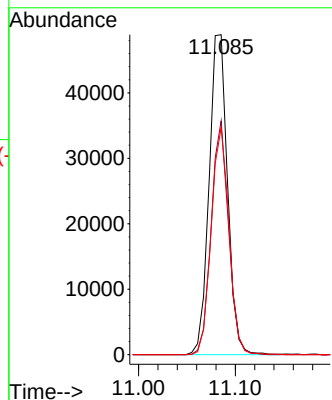
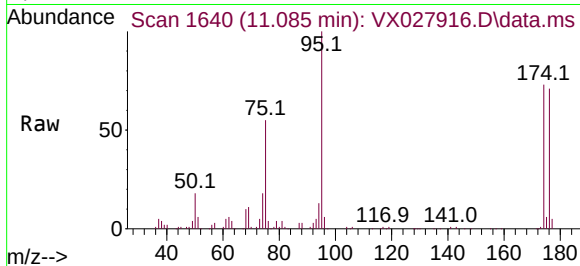




#62
4-Bromofluorobenzene
Concen: 48.464 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

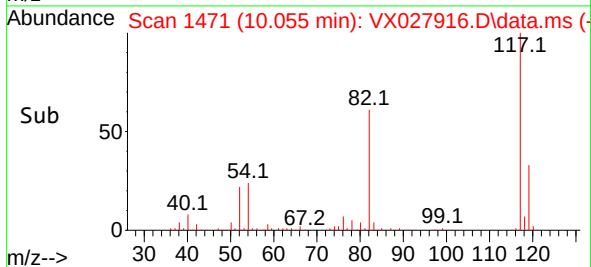
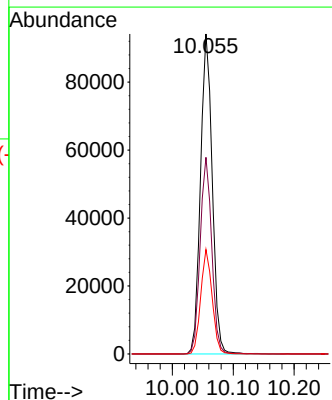
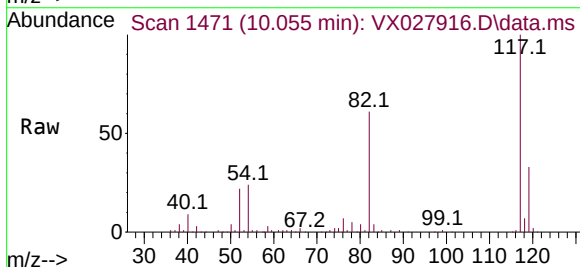
Instrument :
MSVOA_X
ClientSampleId :
MW-7

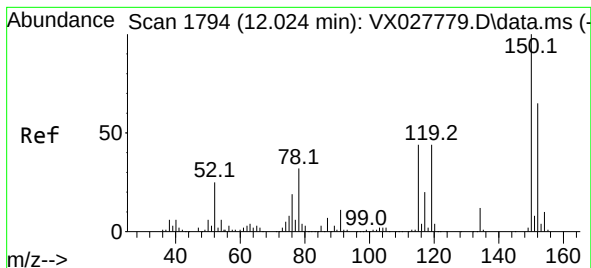
Tgt Ion: 95 Resp: 64832
Ion Ratio Lower Upper
95 100
174 68.8 0.0 163.0
176 68.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027916.D
Acq: 02 Apr 2022 05:31

Tgt Ion: 117 Resp: 126174
Ion Ratio Lower Upper
117 100
82 61.4 41.8 62.8
119 32.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027916.D

Acq: 02 Apr 2022 05:31

Instrument :

MSVOA_X

ClientSampleId :

MW-7

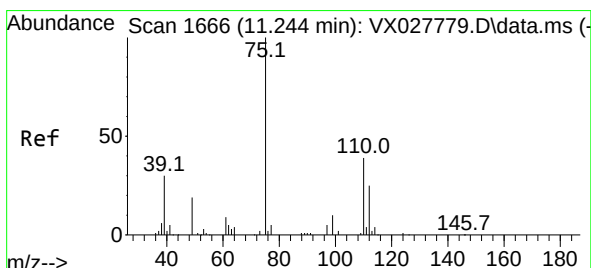
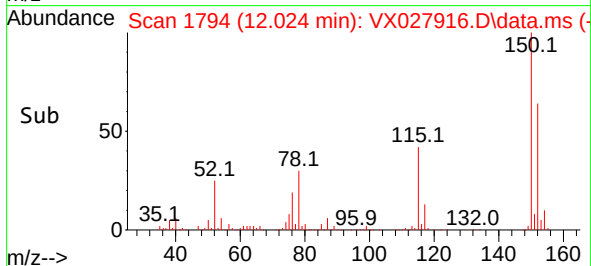
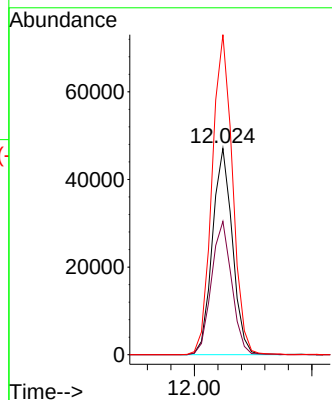
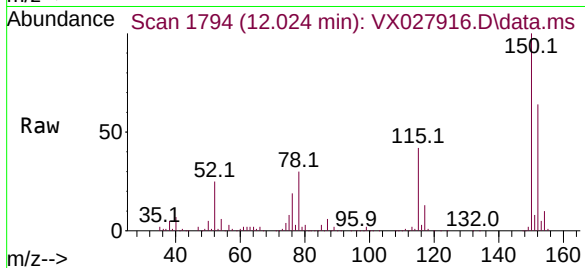
Tgt Ion:152 Resp: 55627

Ion Ratio Lower Upper

152 100

115 65.5 37.5 112.7

150 158.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 27.364 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX027916.D

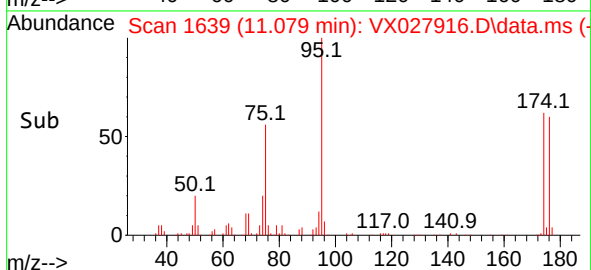
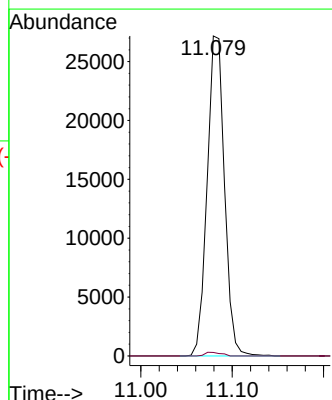
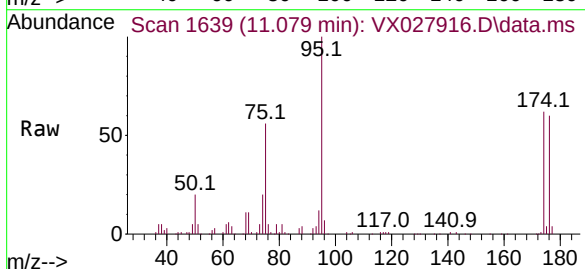
Acq: 02 Apr 2022 05:31

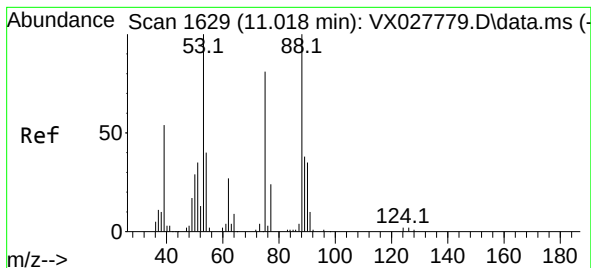
Tgt Ion: 75 Resp: 35708

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.013 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027916.D
 Acq: 02 Apr 2022 05:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion: 75 Resp: 35708
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

