

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027907.D
 Acq On : 02 Apr 2022 02:03
 Operator : JC/MD
 Sample : N2172-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Quant Time: Apr 02 07:33:21 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)

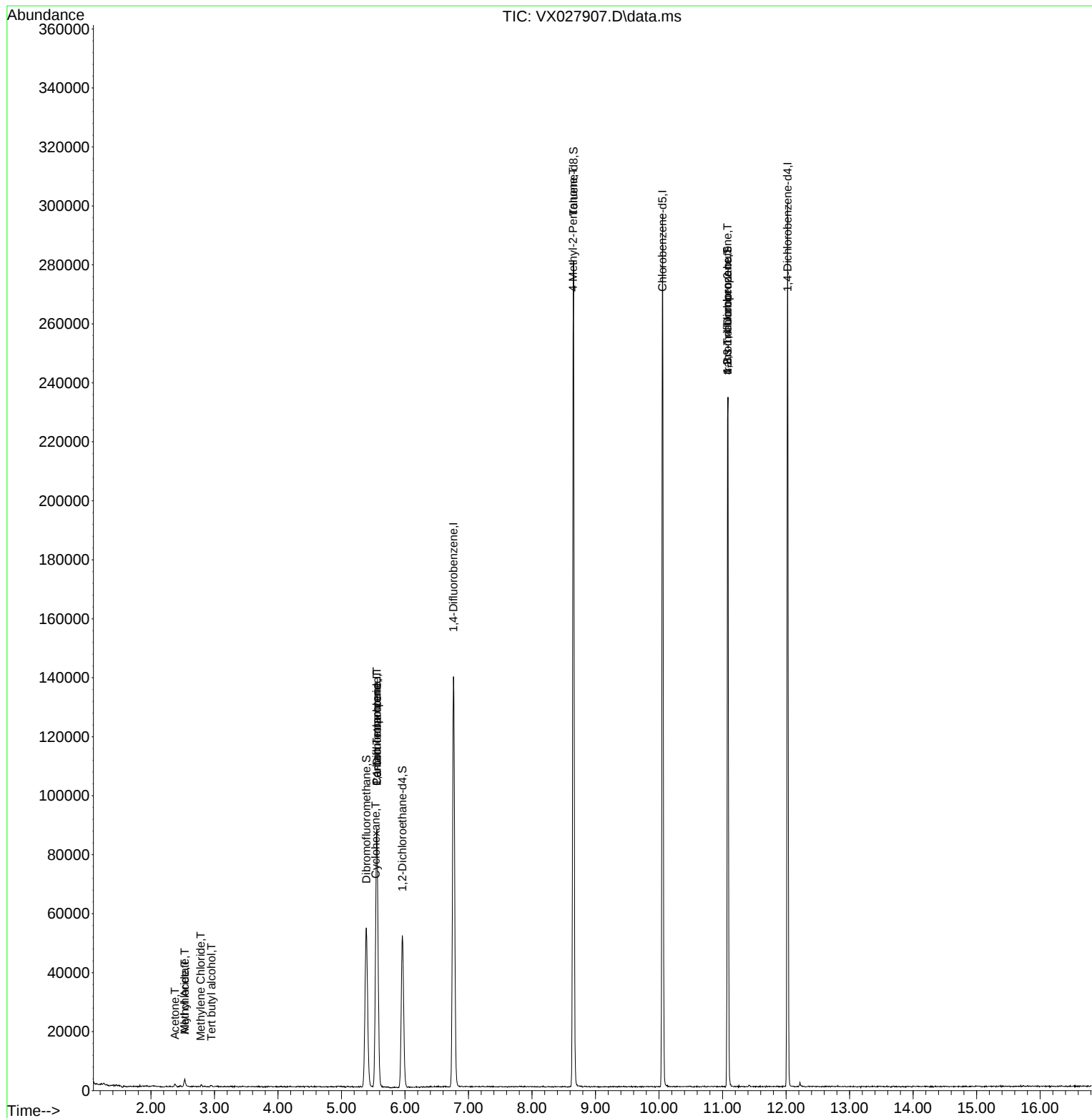
Internal Standards						
1) Pentafluorobenzene	5.556	168	79229	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	133641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50238	49.143	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.280%
35) Dibromofluoromethane	5.391	113	46971	54.452	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.900%
50) Toluene-d8	8.653	98	160180	52.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.560%
62) 4-Bromofluorobenzene	11.079	95	64174	49.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.520%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	195	0.993	ug/l	# 72
14) Allyl chloride	2.532	41	270	0.216	ug/l	# 74
16) Acetone	2.380	43	960	2.122	ug/l	# 81
18) Methyl Acetate	2.532	43	770	0.690	ug/l	# 46
20) Methylene Chloride	2.782	84	287	0.353	ug/l	# 50
31) Cyclohexane	5.537	56	1735	1.535	ug/l	# 49
36) 1,1-Dichloropropene	5.556	75	6534	6.014	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8428	7.021	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	658	0.440	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	35114	27.594	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35114	80.657	ug/l	# 15

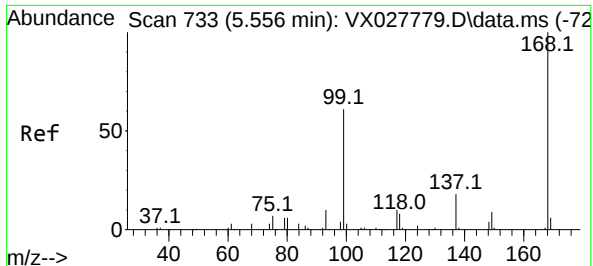
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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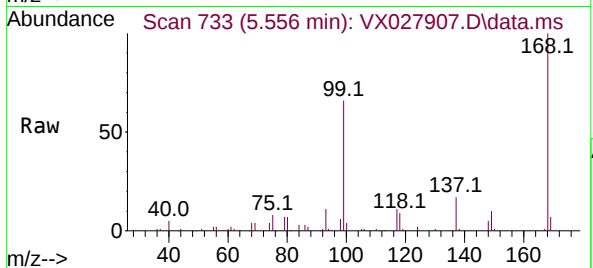
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Instrument :

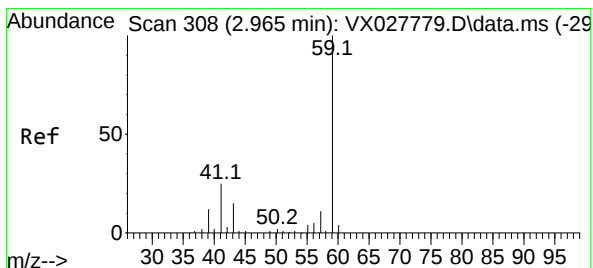
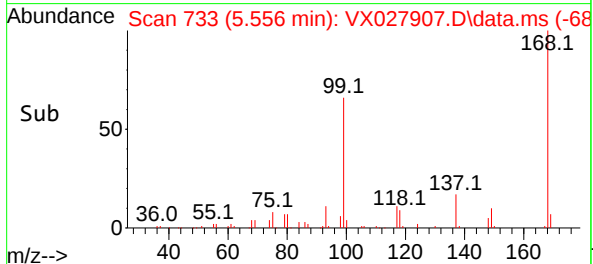
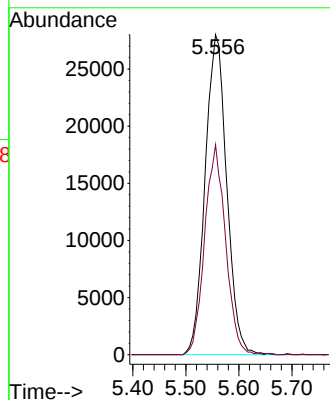
MSVOA_X

ClientSampleId :

MW-7R

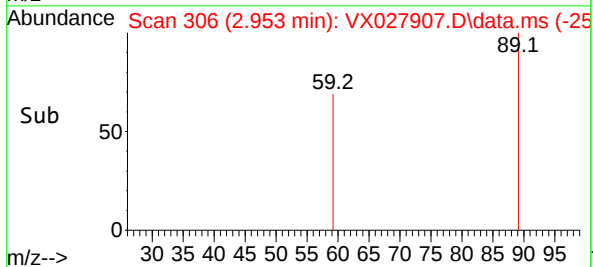
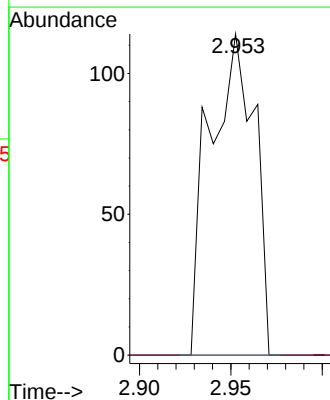
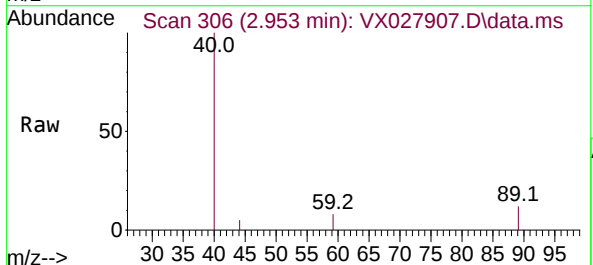


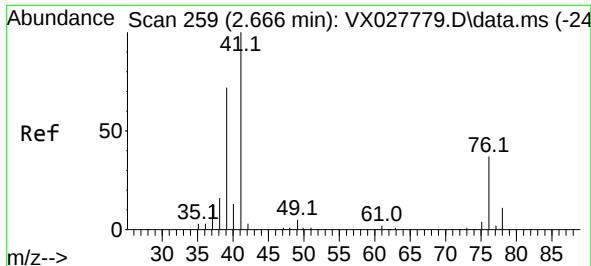
Tgt Ion:168 Resp: 79229
Ion Ratio Lower Upper
168 100
99 65.6 41.7 62.5#



#11
Tert butyl alcohol
Concen: 0.993 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.216 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.134 min

Lab File: VX027907.D

Acq: 02 Apr 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

MW-7R

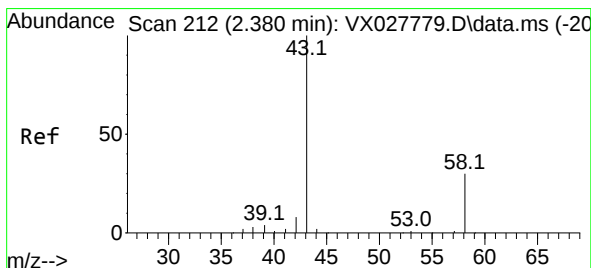
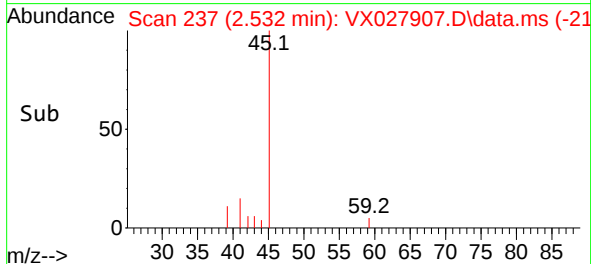
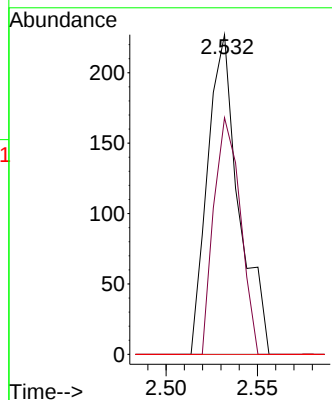
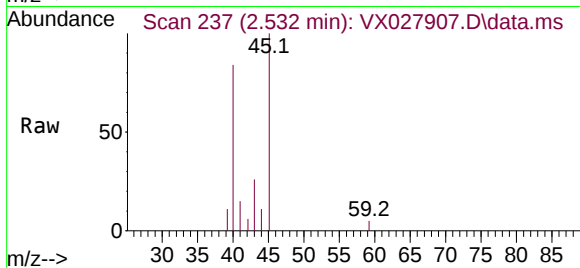
Tgt Ion: 41 Resp: 270

Ion Ratio Lower Upper

41 100

39 62.6 50.4 75.6

76 0.0 32.7 49.1#



#16

Acetone

Concen: 2.122 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027907.D

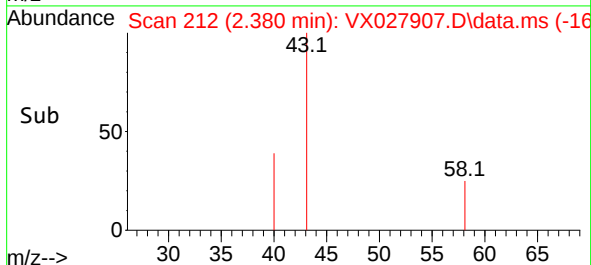
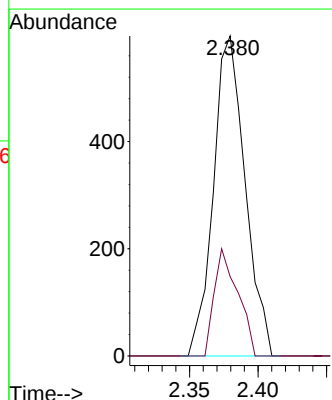
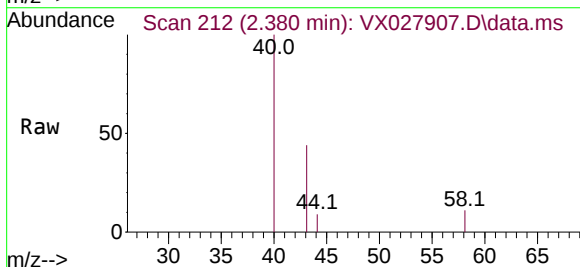
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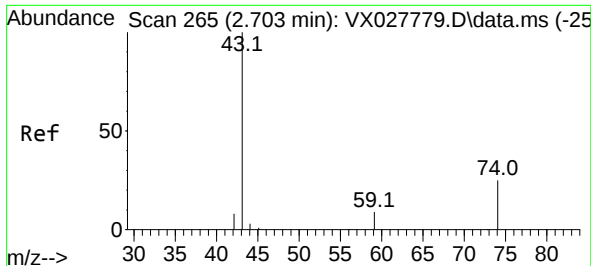
Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

43 100

58 24.8 28.8 43.2#

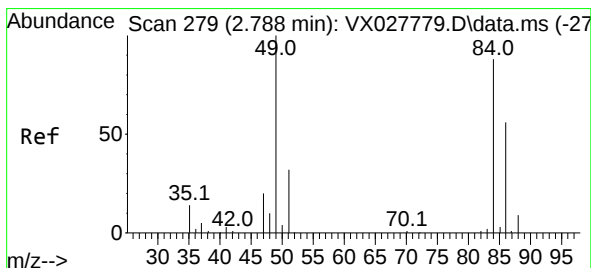
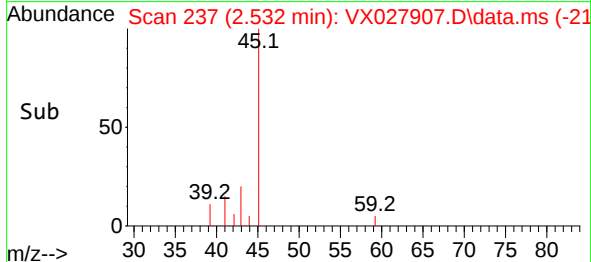
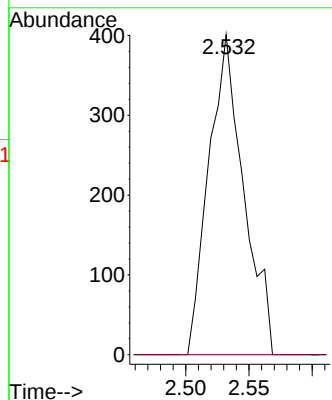
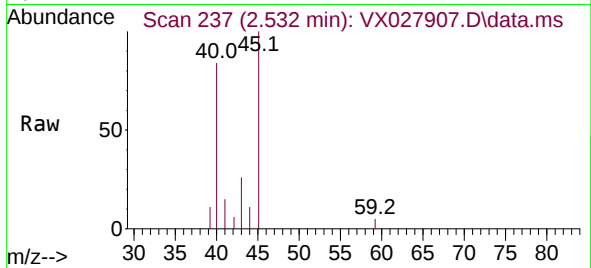




#18
Methyl Acetate
Concen: 0.690 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

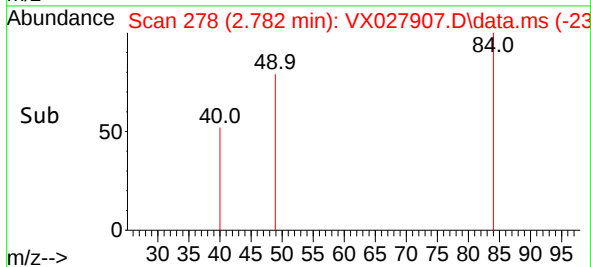
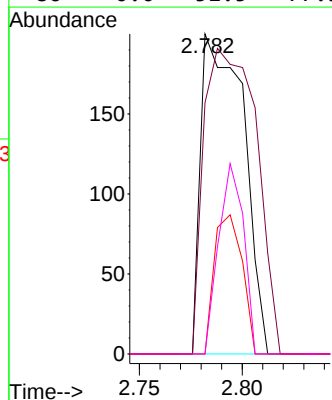
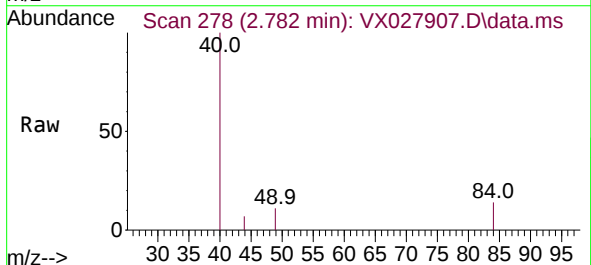
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

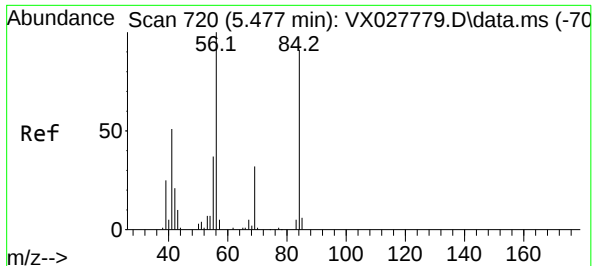
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 78.5 85.5 128.3#
51 0.0 26.6 39.8#
86 0.0 51.5 77.3#

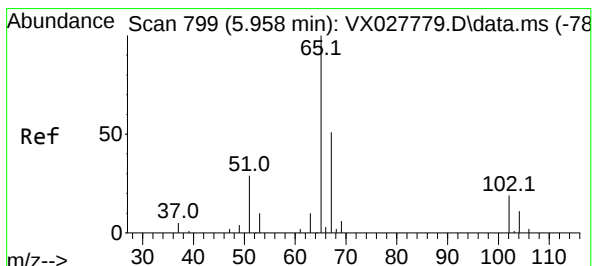
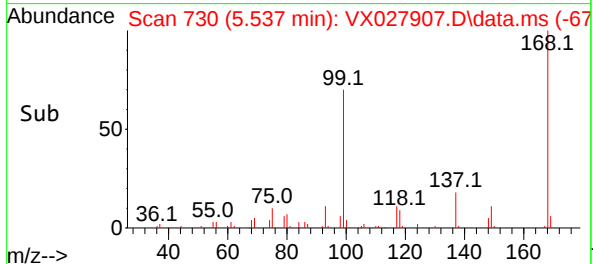
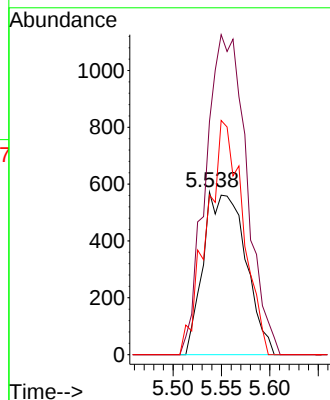
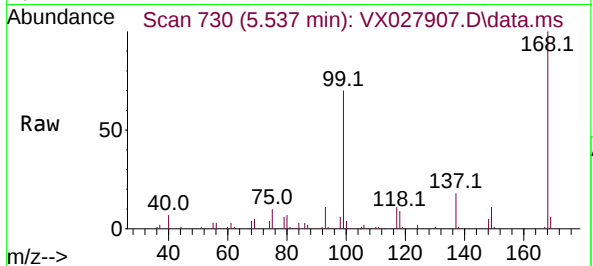




#31
Cyclohexane
Concen: 1.535 ug/l
RT: 5.537 min Scan# 713
Delta R.T. 0.060 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

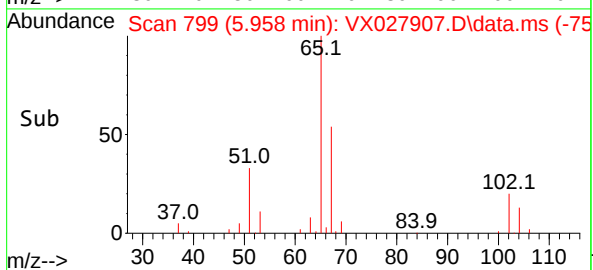
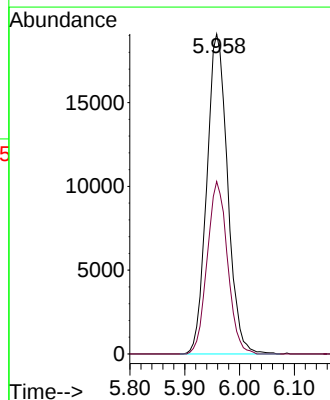
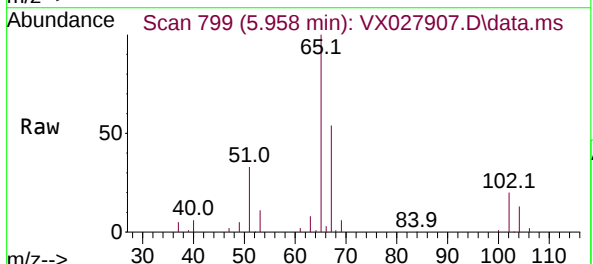
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

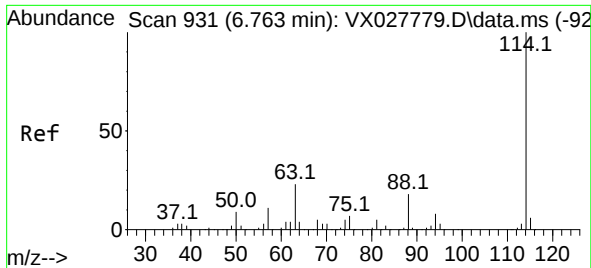
Tgt Ion: 56 Resp: 1735
Ion Ratio Lower Upper
56 100
69 143.5 26.7 40.1#
84 98.3 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 49.143 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion: 65 Resp: 50238
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

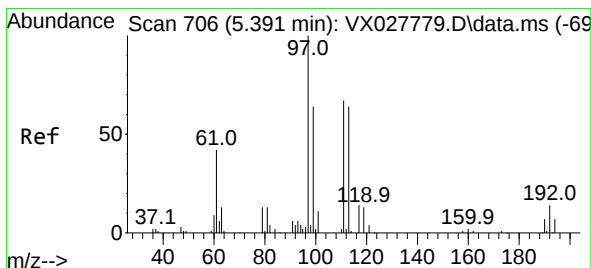
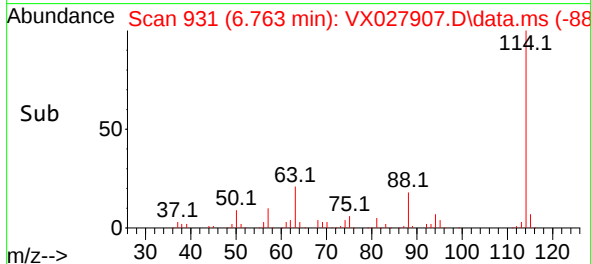
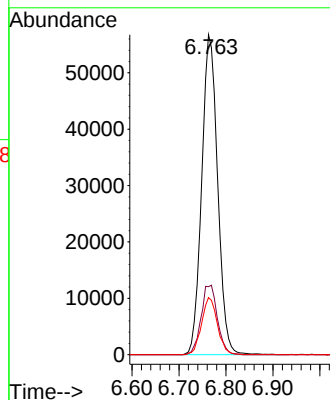
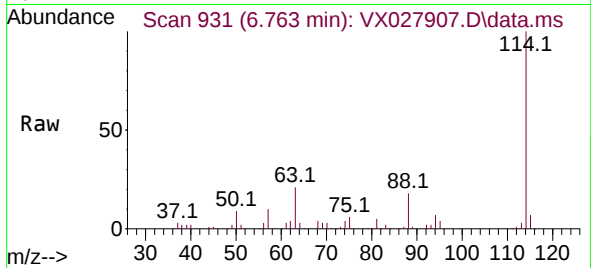




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

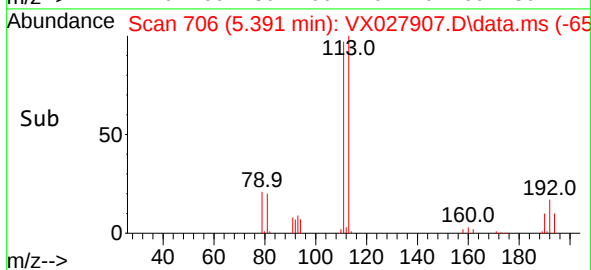
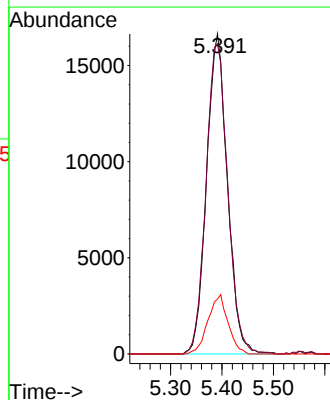
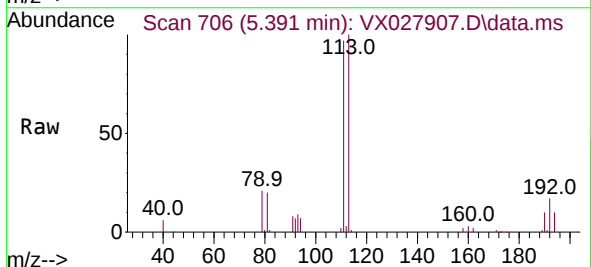
Instrument :
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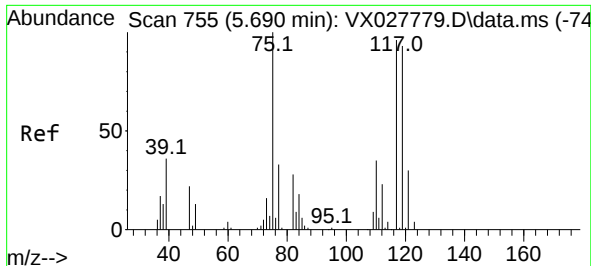
Tgt Ion:114 Resp: 133641
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.8
88 17.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.452 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion:113 Resp: 46971
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 17.8 16.9 25.3

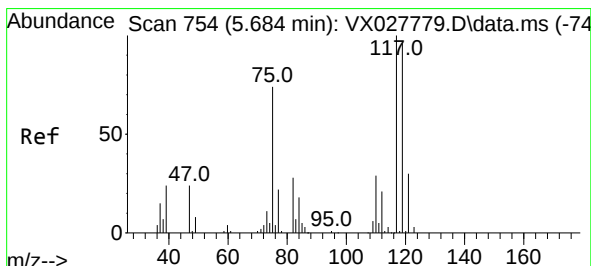
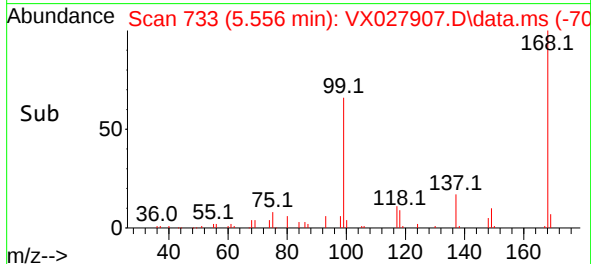
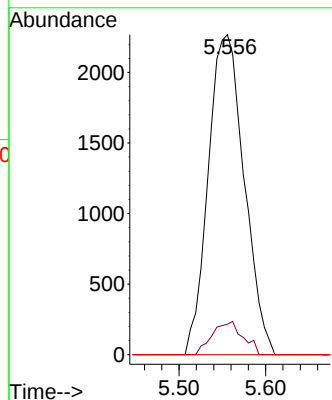
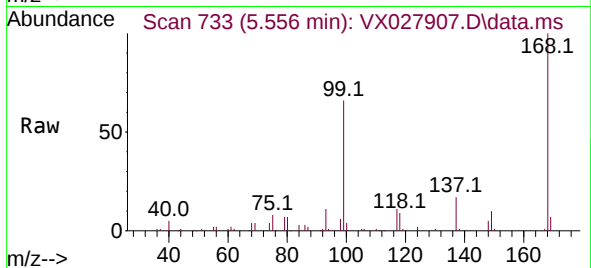




#36
1,1-Dichloropropene
Concen: 6.014 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

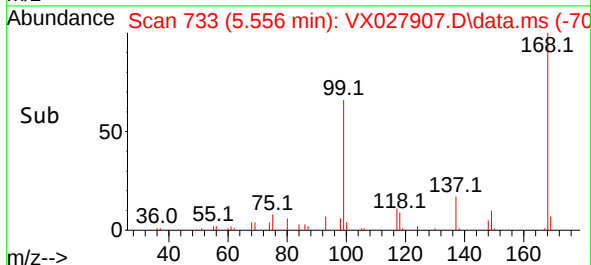
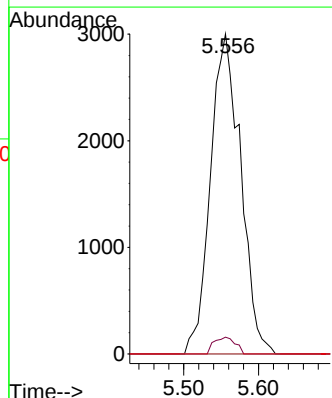
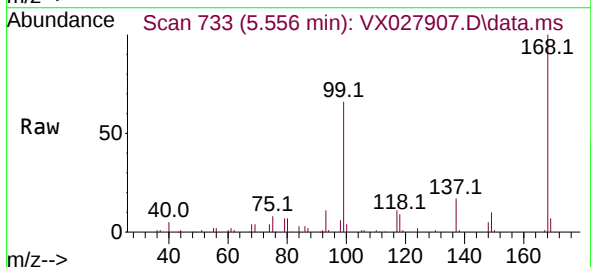
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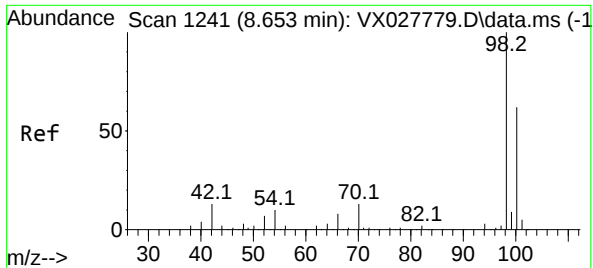
Tgt Ion: 75 Resp: 6534
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion: 117 Resp: 8428
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#

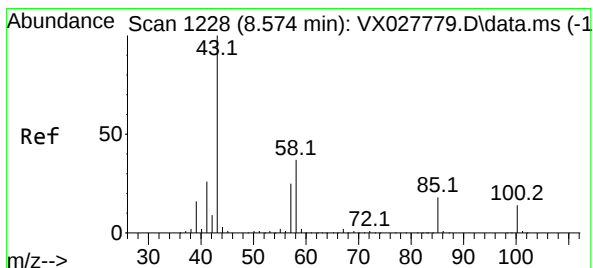
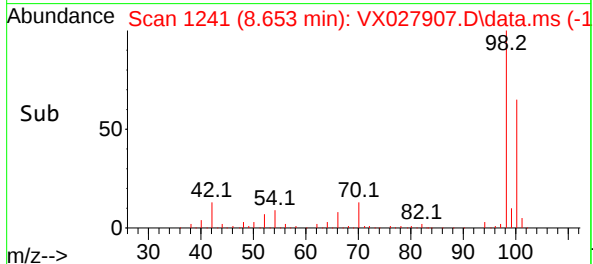
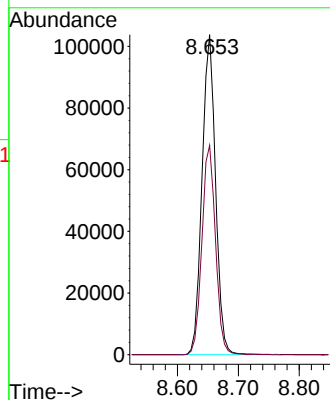
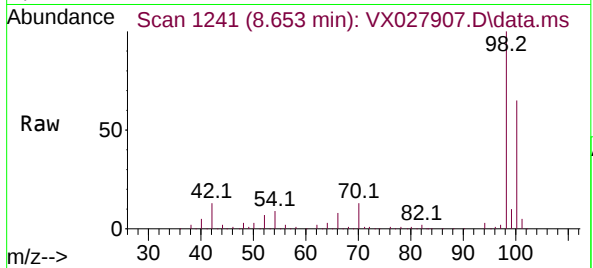




#50
Toluene-d8
Concen: 52.776 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

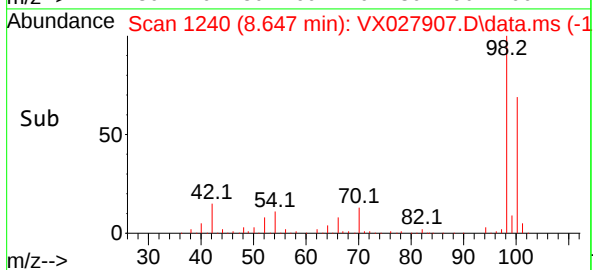
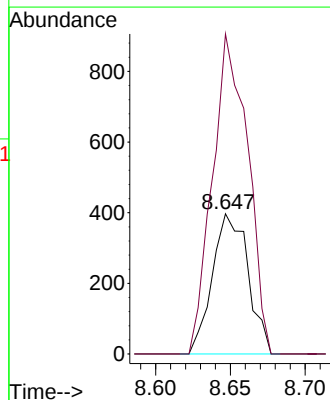
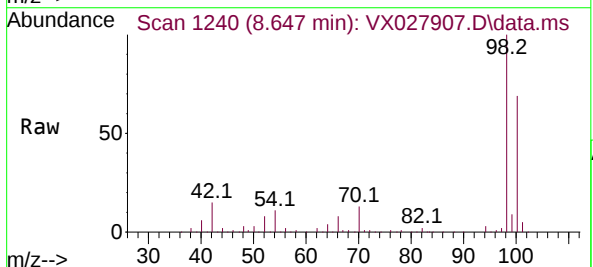
Instrument :
MSVOA_X
ClientSampleId :
MW-7R

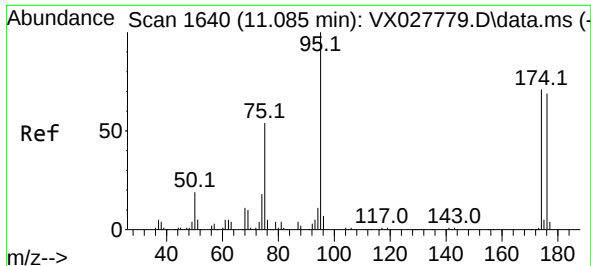
Tgt Ion: 98 Resp: 160180
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027907.D
Acq: 02 Apr 2022 02:03

Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 226.1 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 49.755 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027907.D

Acq: 02 Apr 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

MW-7R

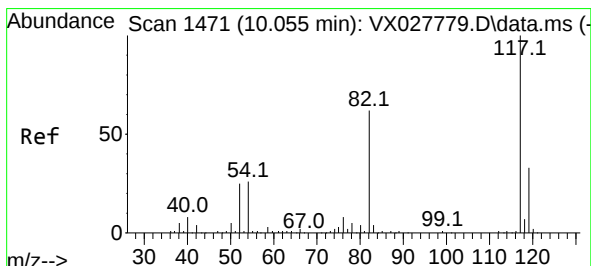
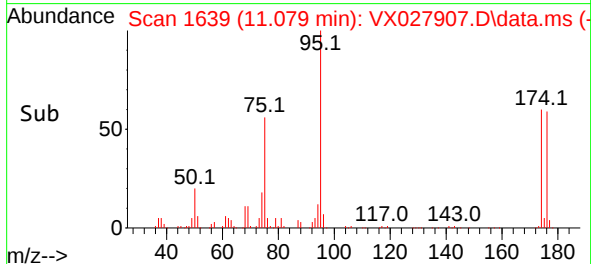
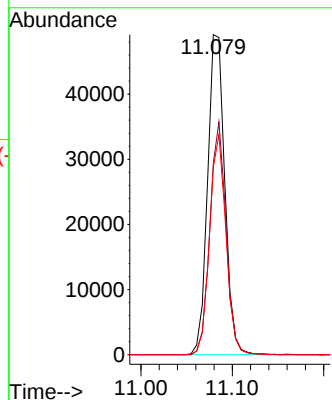
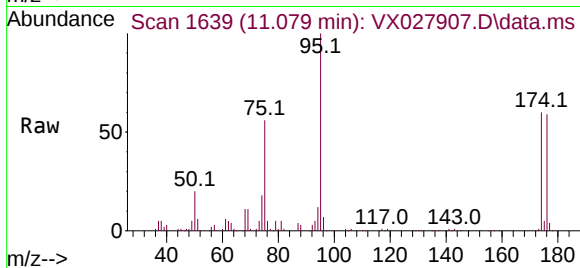
Tgt Ion: 95 Resp: 64174

Ion Ratio Lower Upper

95 100

174 68.2 0.0 163.0

176 65.7 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: VX027907.D

Acq: 02 Apr 2022 02:03

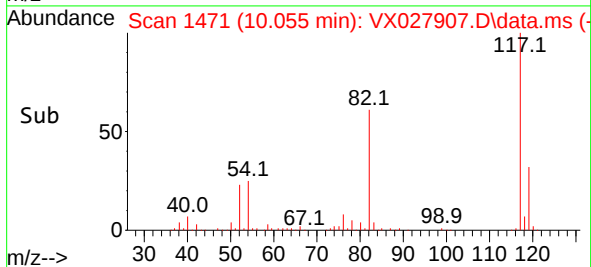
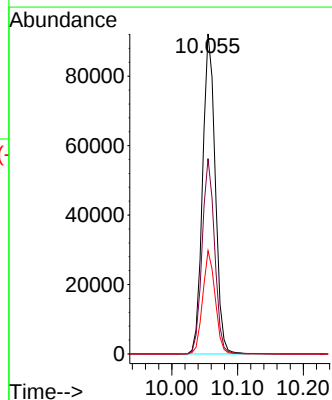
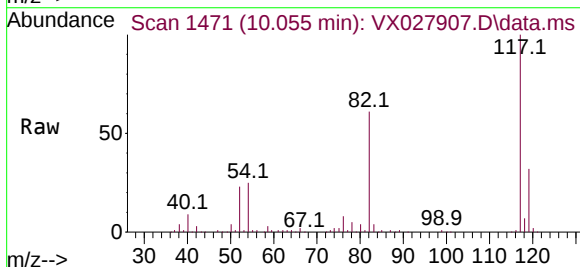
Tgt Ion: 117 Resp: 123418

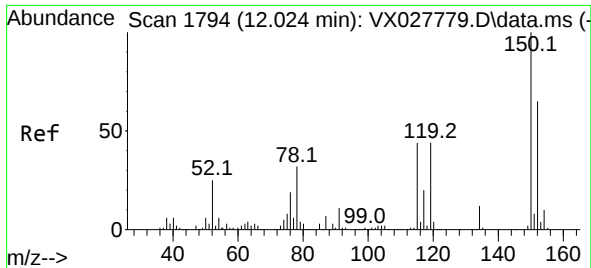
Ion Ratio Lower Upper

117 100

82 61.1 41.8 62.8

119 32.2 24.8 37.2

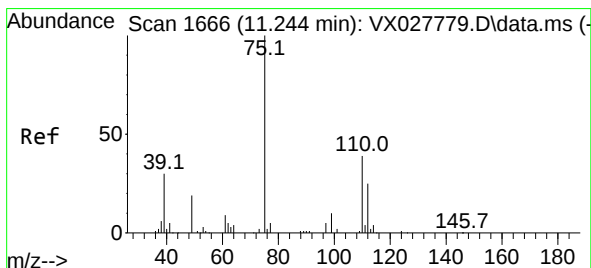
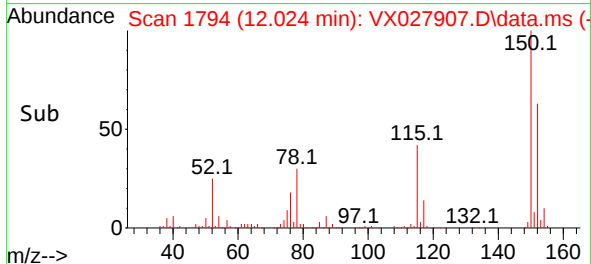
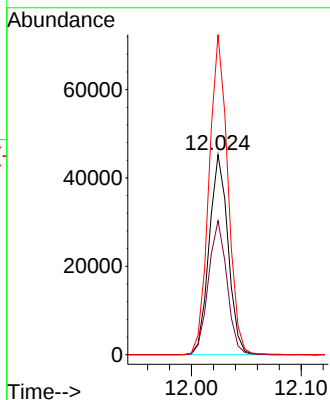
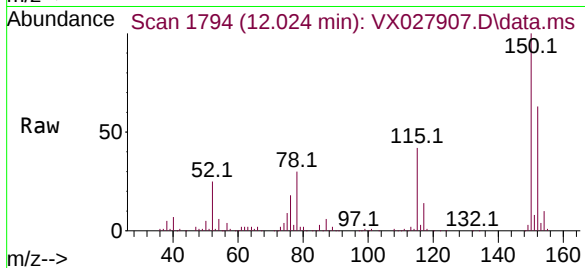




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX027907.D
 Acq: 02 Apr 2022 02:03

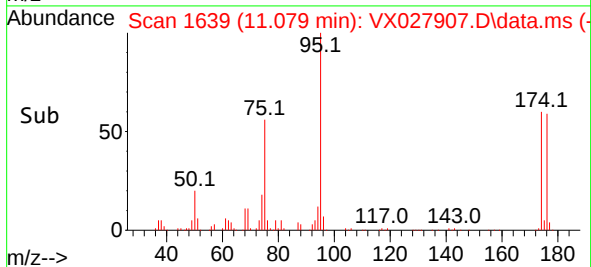
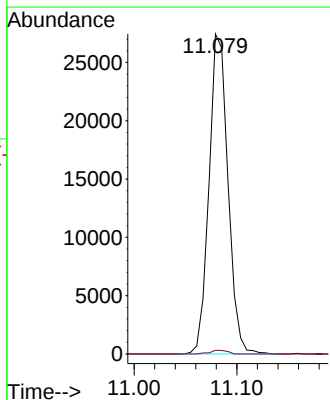
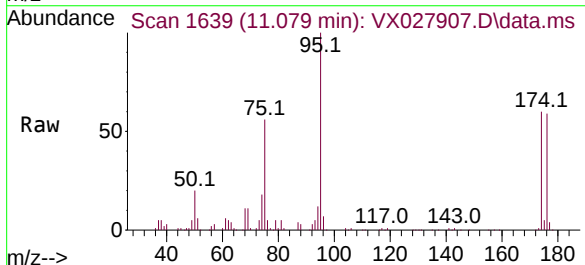
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

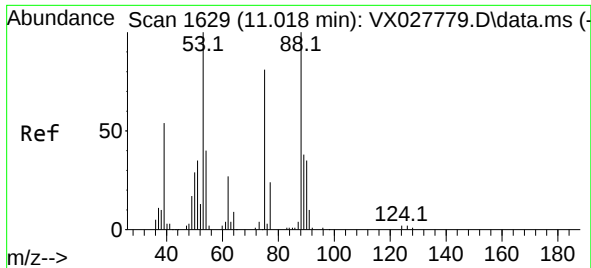
Tgt Ion:152 Resp: 54245
 Ion Ratio Lower Upper
 152 100
 115 65.8 37.5 112.7
 150 158.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.594 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027907.D
 Acq: 02 Apr 2022 02:03

Tgt Ion: 75 Resp: 35114
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.657 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027907.D
 Acq: 02 Apr 2022 02:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7R

Tgt Ion: 75 Resp: 35114
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

