

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027927.D
 Acq On : 02 Apr 2022 12:49
 Operator : JC/MD
 Sample : N2074-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20220320RE

Quant Time: Apr 04 04:14:16 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)

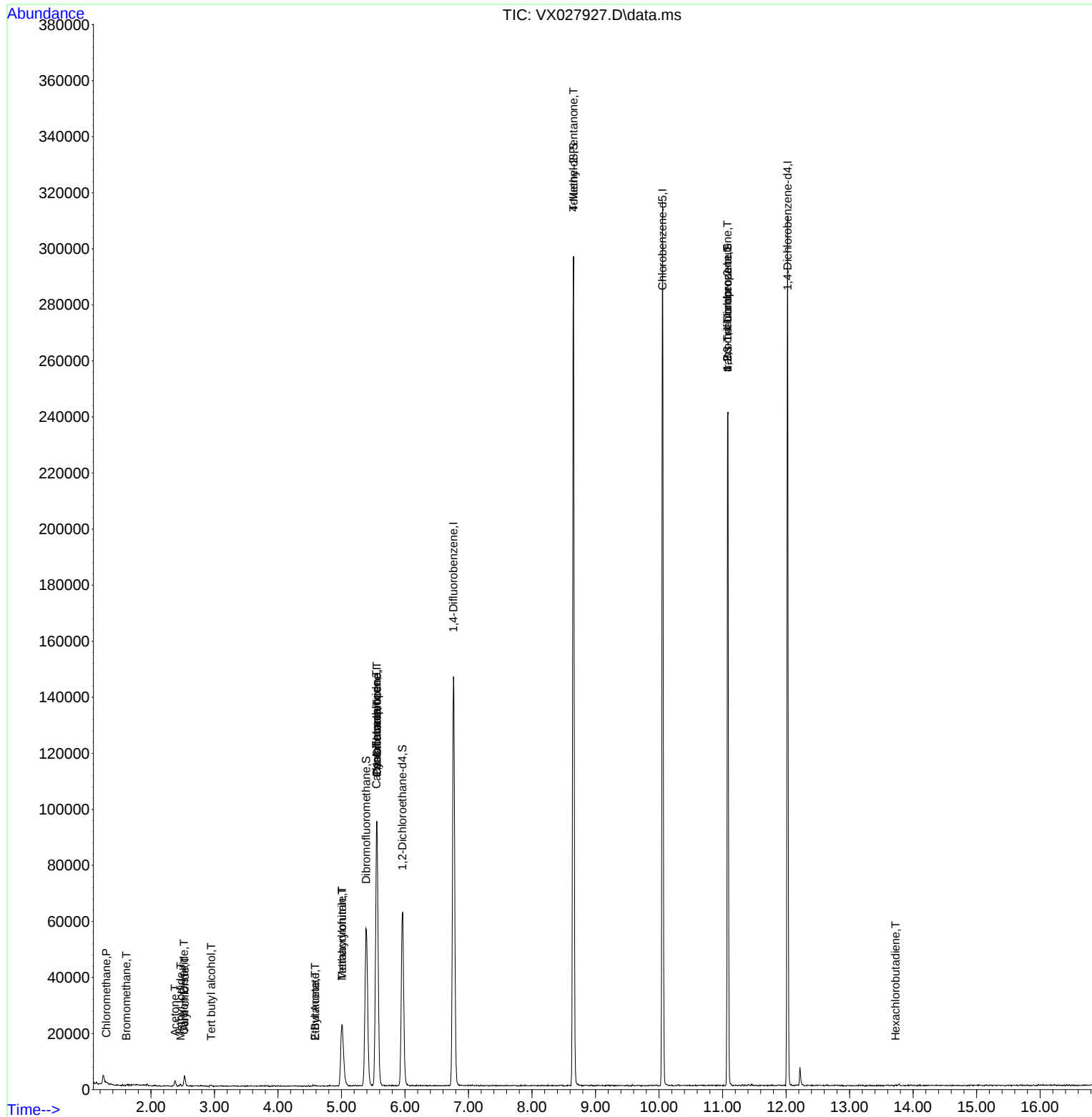
Internal Standards						
1) Pentafluorobenzene	5.556	168	82810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63169	59.121	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.240%			
35) Dibromofluoromethane	5.385	113	49063	52.808	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.620%			
50) Toluene-d8	8.653	98	171833	52.565	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.140%			
62) 4-Bromofluorobenzene	11.079	95	68134	49.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.100%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	151	0.228	ug/l	# 42
5) Bromomethane	1.611	94	110	0.359	ug/l	100
10) Methyl Iodide	2.465	142	516	0.573	ug/l	# 95
11) Tert butyl alcohol	2.947	59	226	1.101	ug/l	# 72
14) Allyl chloride	2.532	41	361	0.276	ug/l	# 33
16) Acetone	2.380	43	1988	4.204	ug/l	# 80
17) Carbon Disulfide	2.520	76	395	0.271	ug/l	# 75
25) 2-Butanone	4.587	43	452	0.657	ug/l	# 77
29) Tetrahydrofuran	5.007	42	21327	48.253	ug/l	# 84
31) Cyclohexane	5.556	56	1956	1.656	ug/l	# 26
36) 1,1-Dichloropropene	5.556	75	7238	6.185	ug/l	# 49
37) Ethyl Acetate	4.587	43	452	0.312	ug/l	# 65
38) Carbon Tetrachloride	5.550	117	9339	7.224	ug/l	# 15
41) Methacrylonitrile	5.007	41	12268	15.899	ug/l	# 40
51) 4-Methyl-2-Pentanone	8.653	43	763	0.473	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	36655	27.259	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	36655	79.718	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	89	0.984	ug/l	# 29

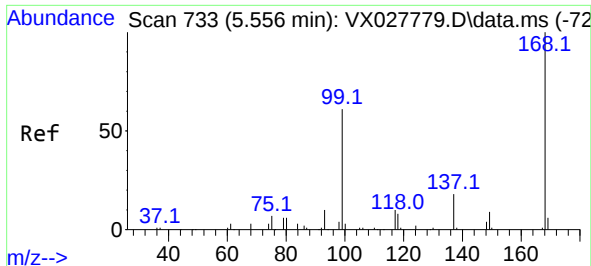
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW8-MW01D3-20220320RE

Quant Time: Apr 04 04:14:16 2022
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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

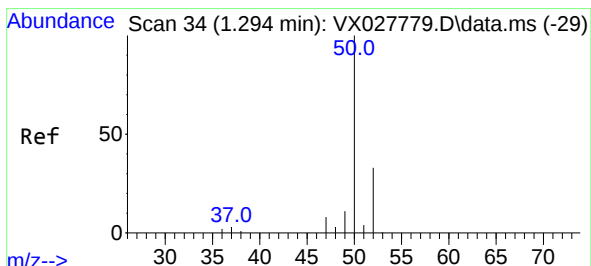
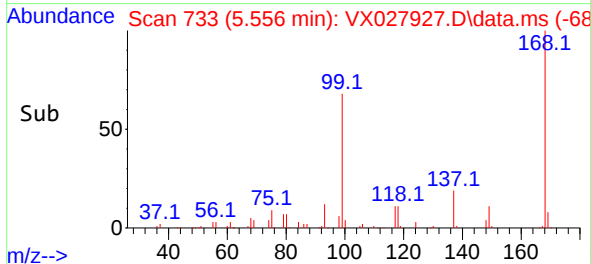
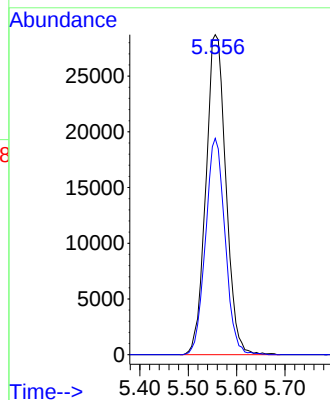
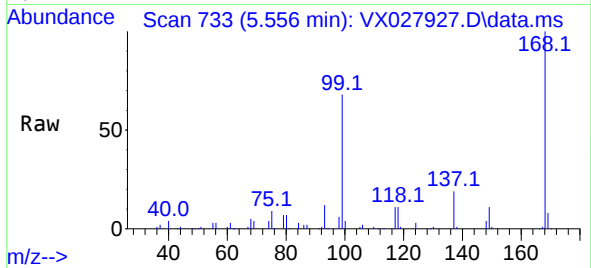




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

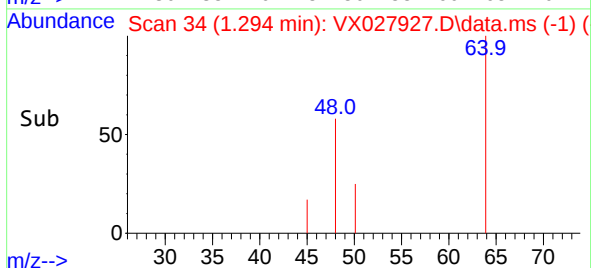
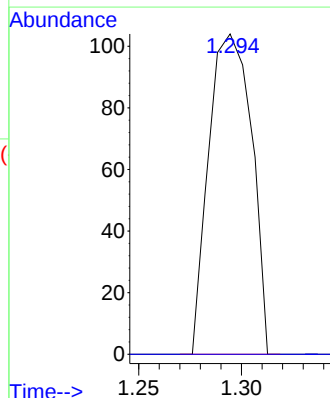
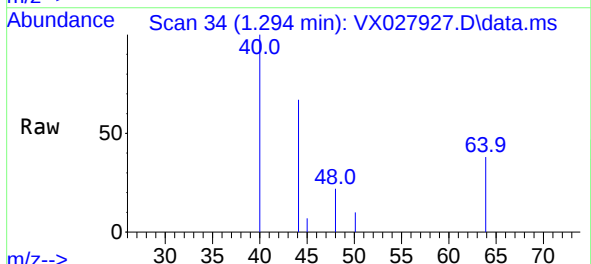
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

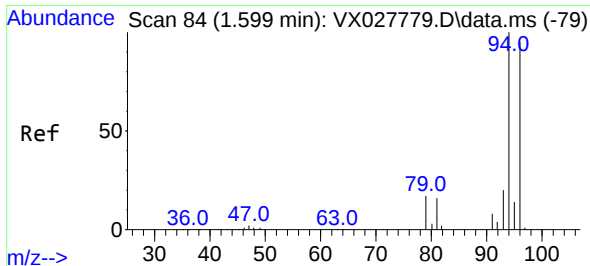
Tgt Ion:168 Resp: 82810
Ion Ratio Lower Upper
168 100
99 67.6 41.7 62.5#



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

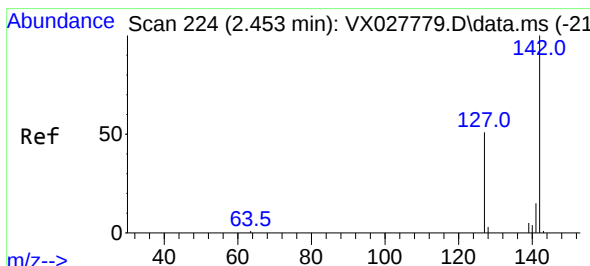
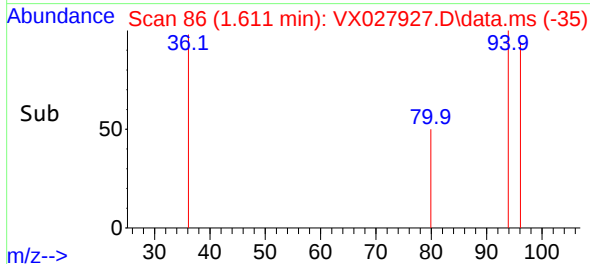
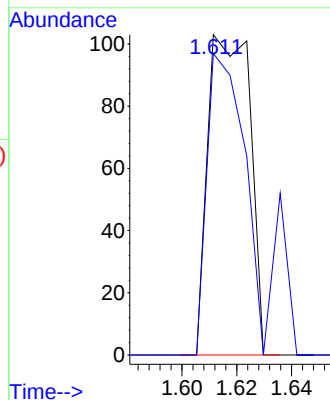
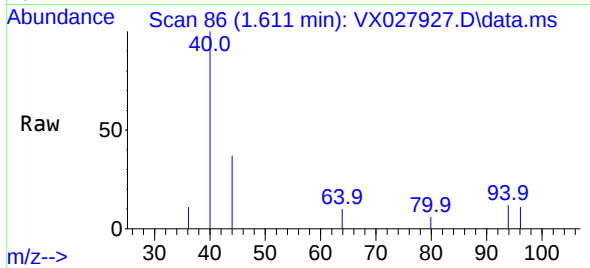




#5
Bromomethane
Concen: 0.359 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

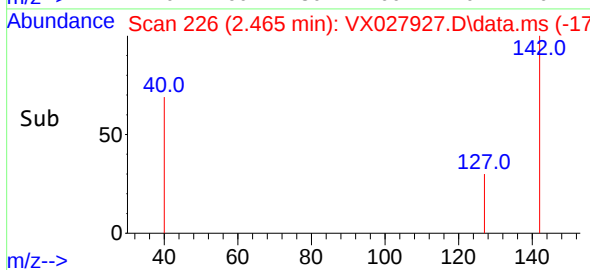
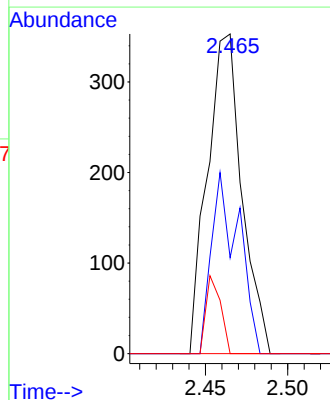
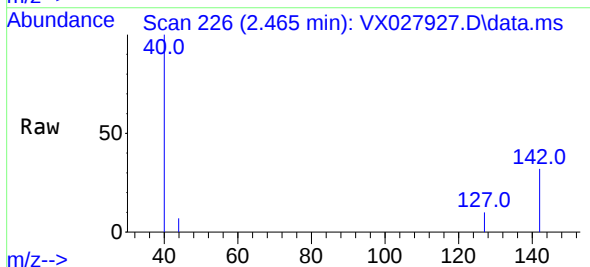
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

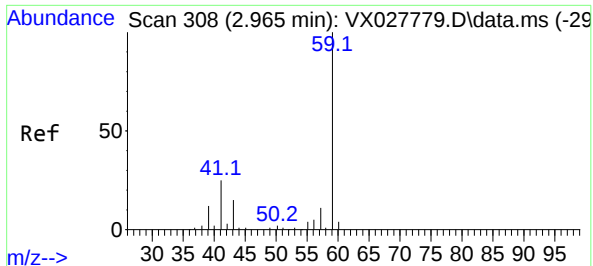
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 94.2 75.3 112.9



#10
Methyl Iodide
Concen: 0.573 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 142 Resp: 516
Ion Ratio Lower Upper
142 100
127 44.8 33.9 50.9
141 10.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: 1.101 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027927.D

Acq: 02 Apr 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

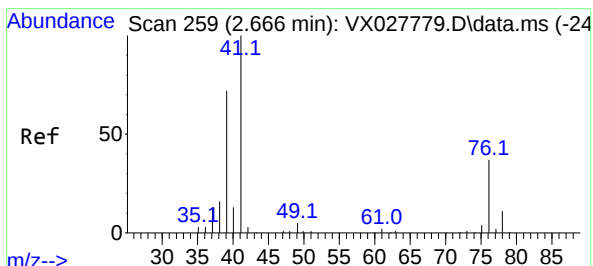
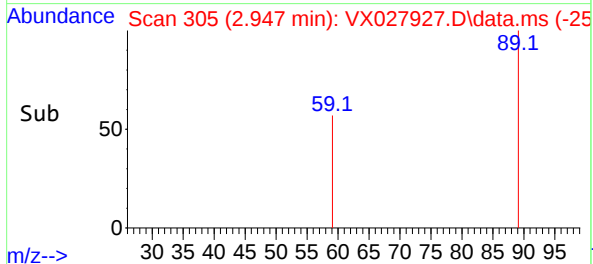
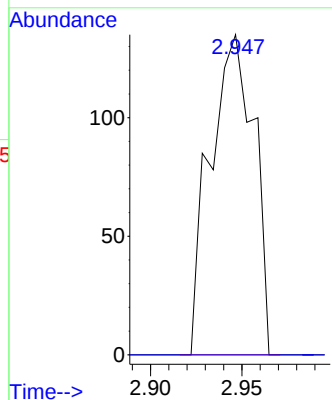
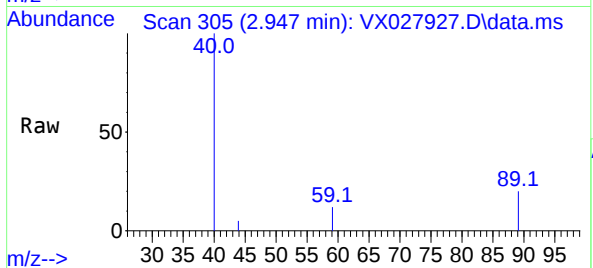
RW8-MW01D3-20220320RE

Tgt Ion: 59 Resp: 226

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.276 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027927.D

Acq: 02 Apr 2022 12:49

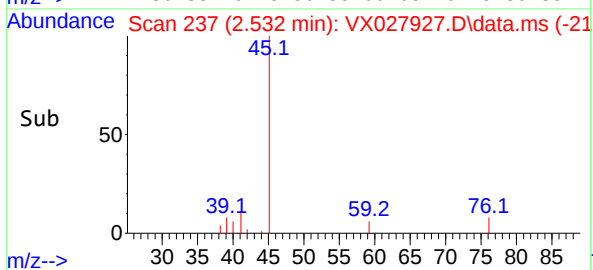
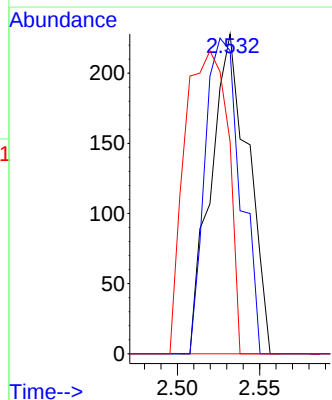
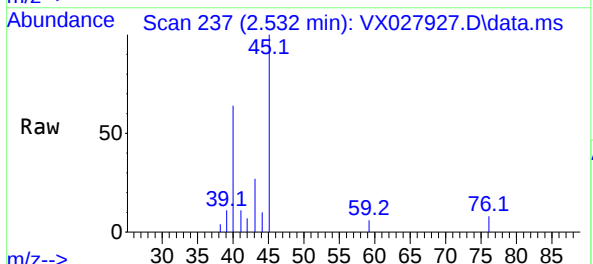
Tgt Ion: 41 Resp: 361

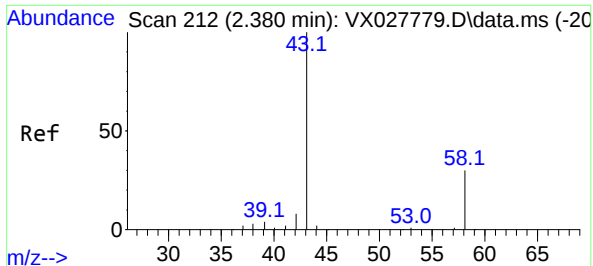
Ion Ratio Lower Upper

41 100

39 93.4 50.4 75.6#

76 109.4 32.7 49.1#

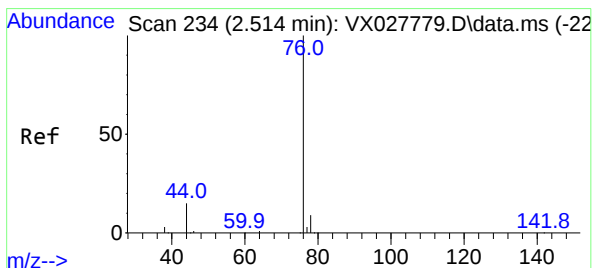
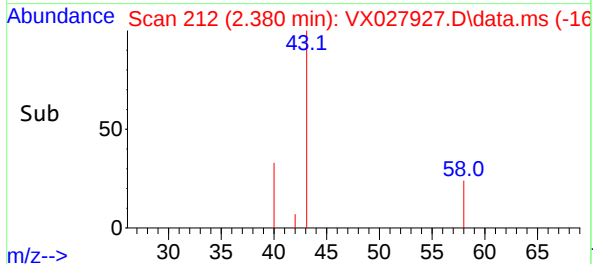
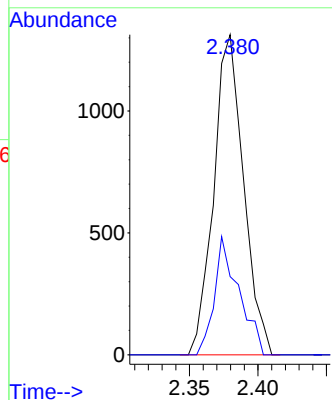
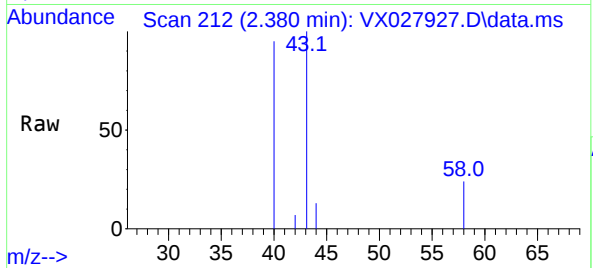




#16
Acetone
Concen: 4.204 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

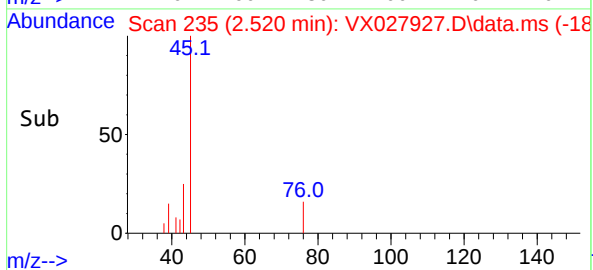
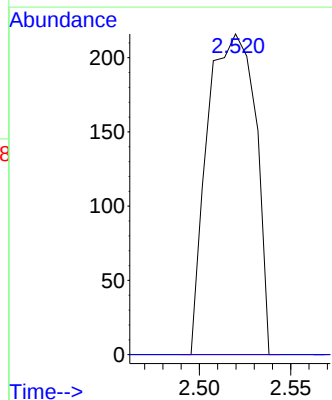
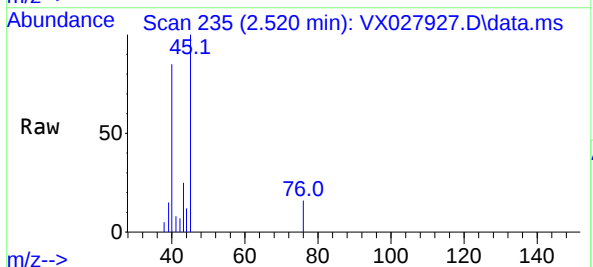
Instrument : MSVOA_X
ClientSampleId : RW8-MW01D3-20220320RE

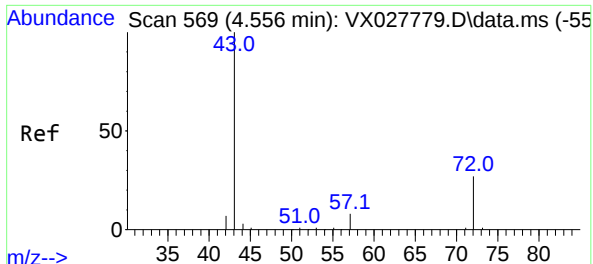
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 24.4 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.271 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 76 Resp: 395
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 0.657 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX027927.D

Acq: 02 Apr 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

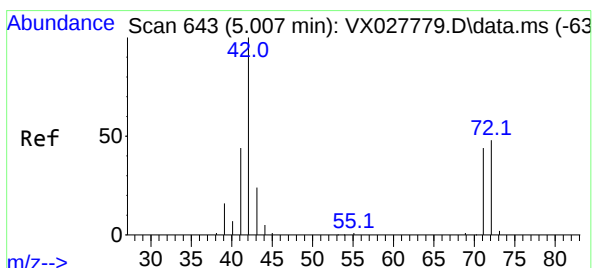
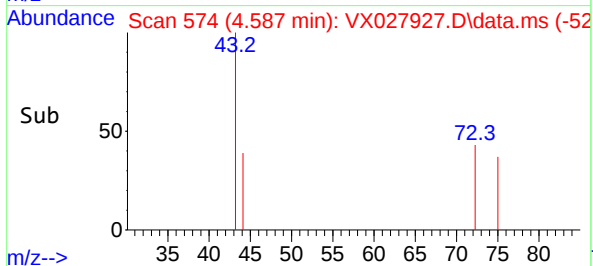
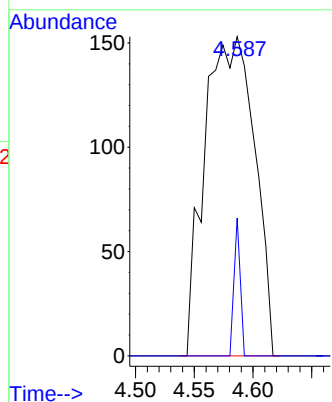
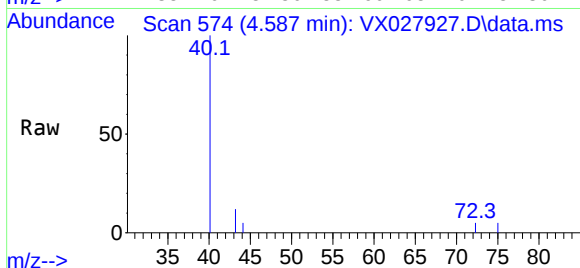
RW8-MW01D3-20220320RE

Tgt Ion: 43 Resp: 452

Ion Ratio Lower Upper

43 100

72 43.1 24.4 36.6#



#29

Tetrahydrofuran

Concen: 48.253 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027927.D

Acq: 02 Apr 2022 12:49

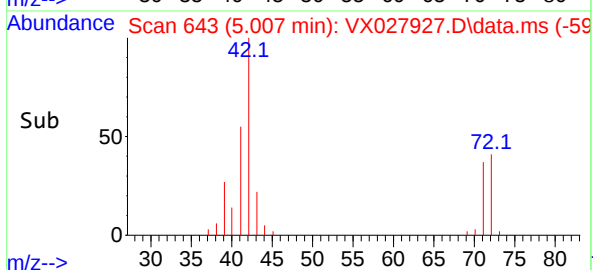
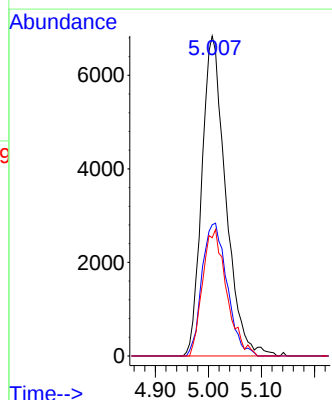
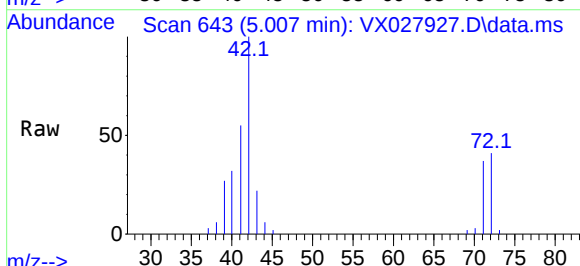
Tgt Ion: 42 Resp: 21327

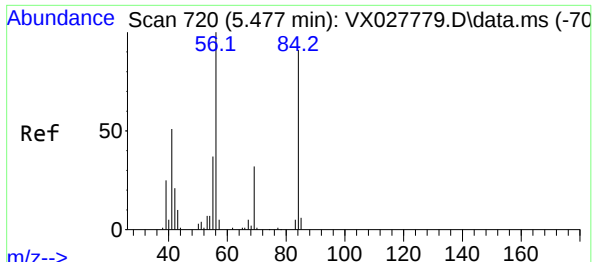
Ion Ratio Lower Upper

42 100

72 43.6 44.1 66.1#

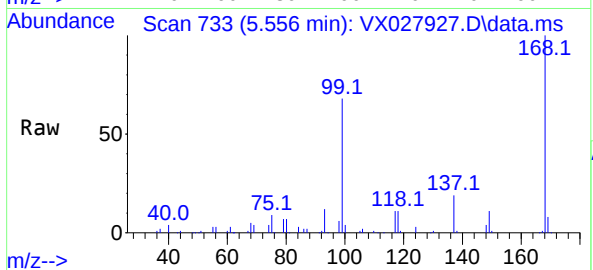
71 39.9 40.5 60.7#



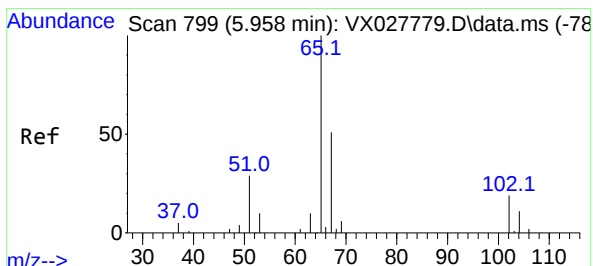
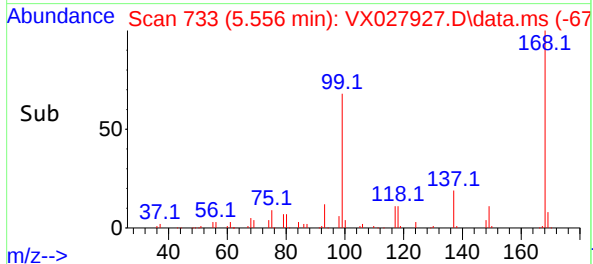
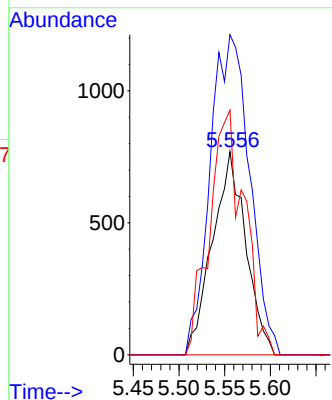


#31
Cyclohexane
Concen: 1.656 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027927.D
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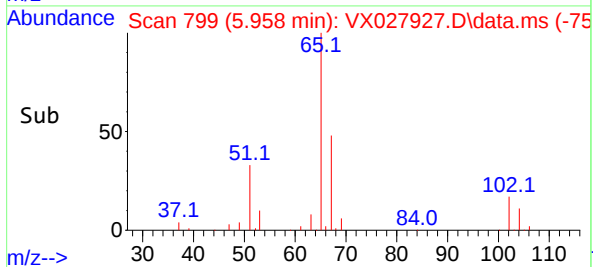
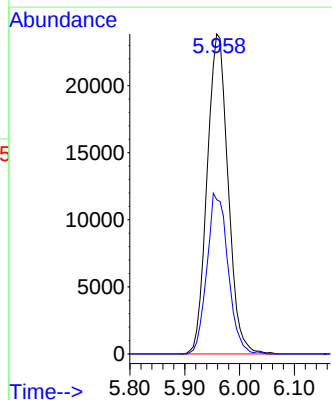
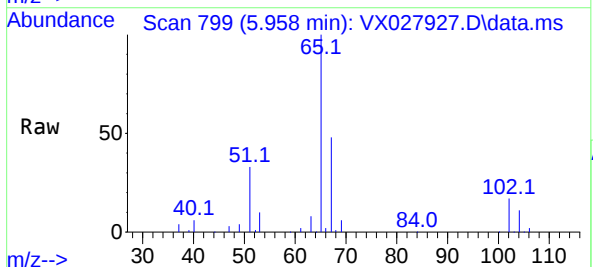


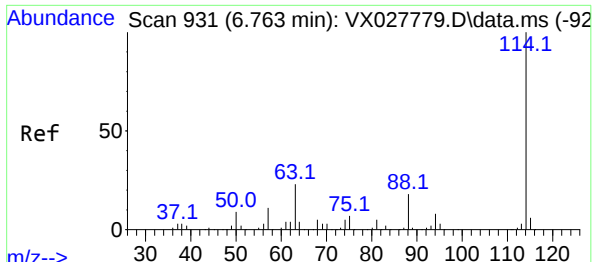
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 157.5 26.7 40.1#
84 120.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 59.121 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 65 Resp: 63169
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

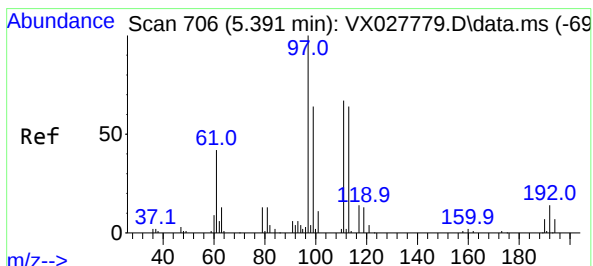
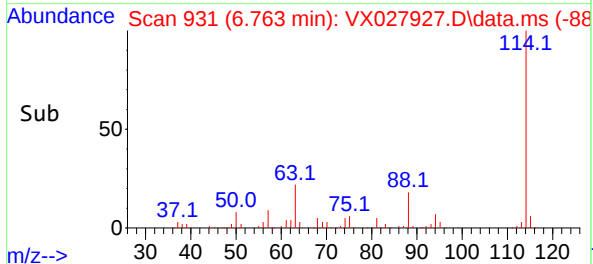
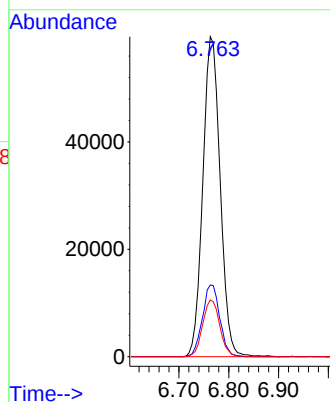
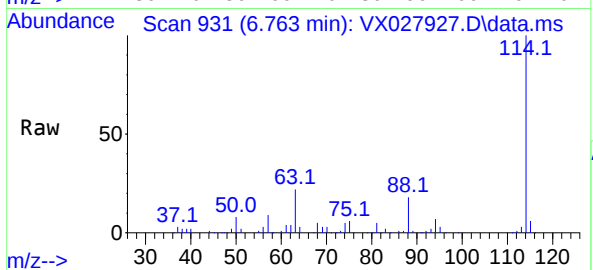




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

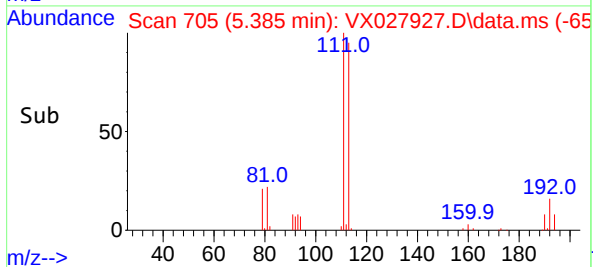
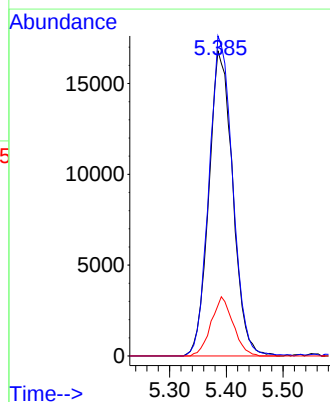
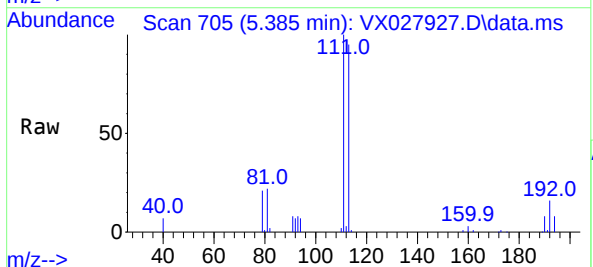
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

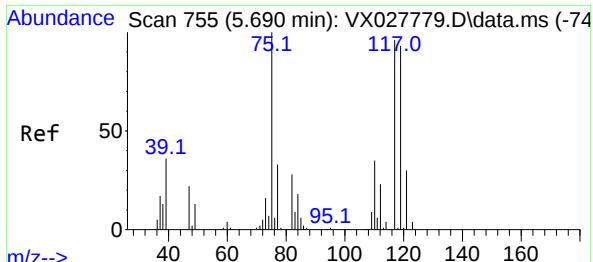
Tgt Ion:114 Resp: 143939
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.8
88 17.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.808 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion:113 Resp: 49063
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.0 16.9 25.3

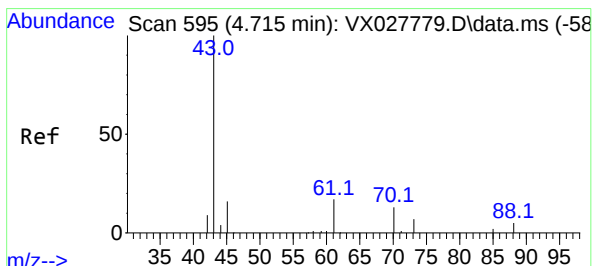
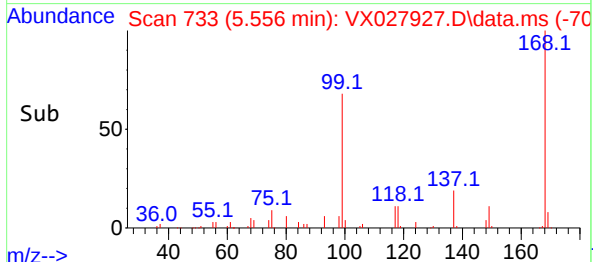
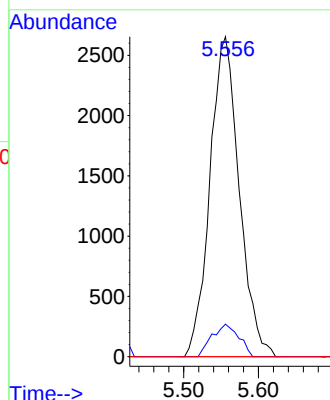
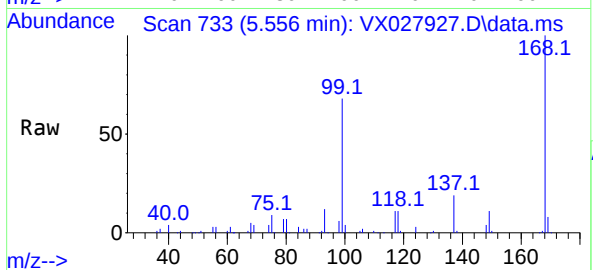




#36
1,1-Dichloropropene
Concen: 6.185 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

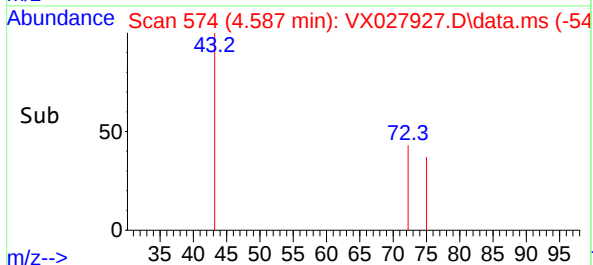
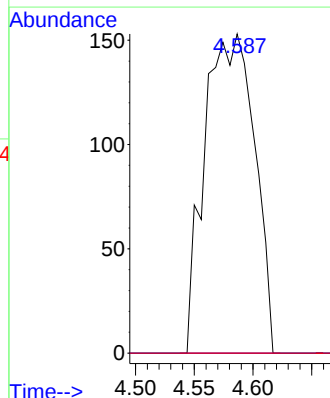
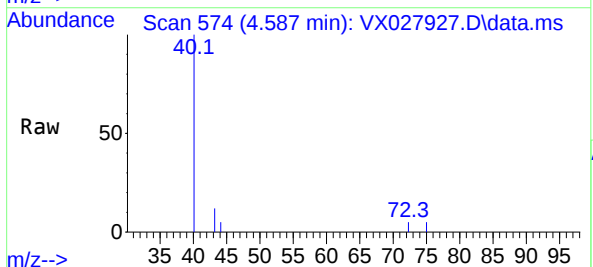
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

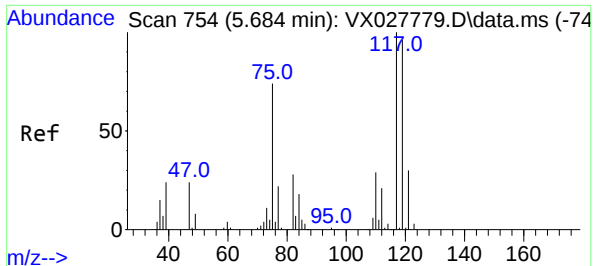
Tgt Ion: 75 Resp: 7238
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.312 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.128 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

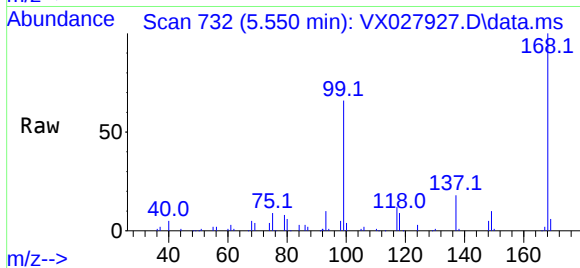
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



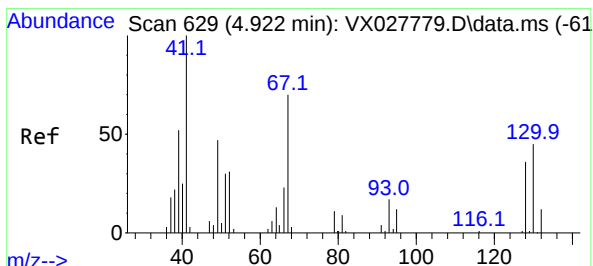
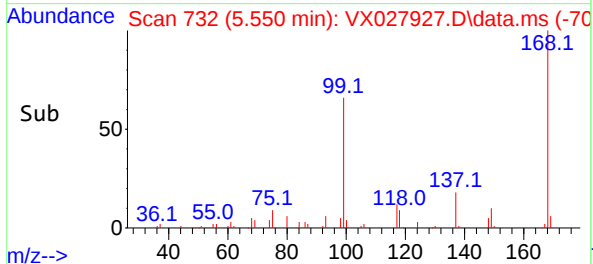
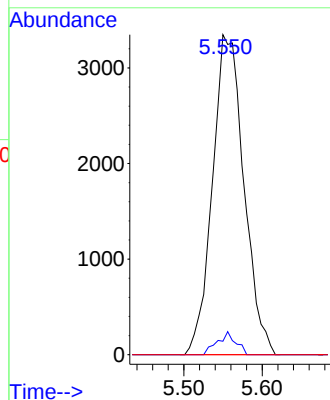


#38
Carbon Tetrachloride
Concen: 7.224 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

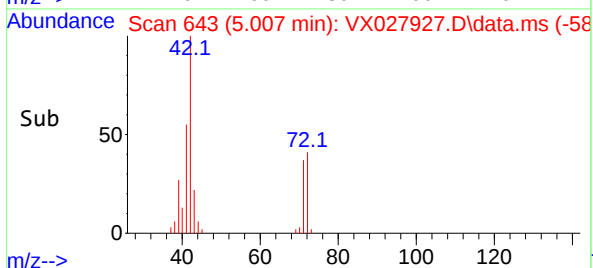
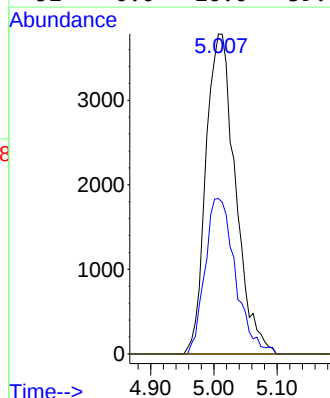
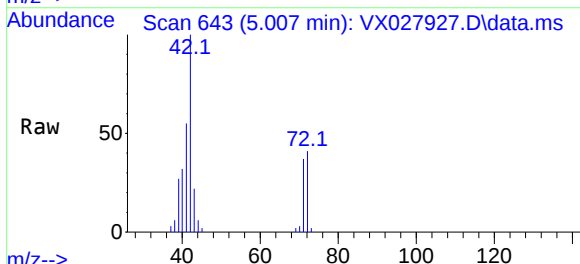


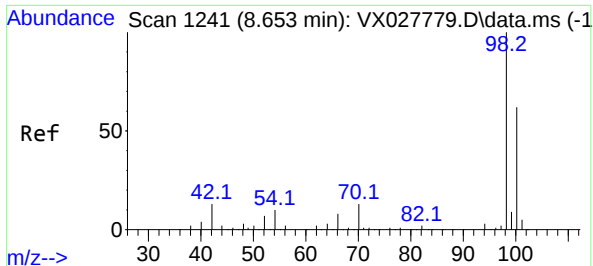
Tgt Ion:117 Resp: 9339
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 15.899 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 41 Resp: 12268
Ion Ratio Lower Upper
41 100
39 50.0 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

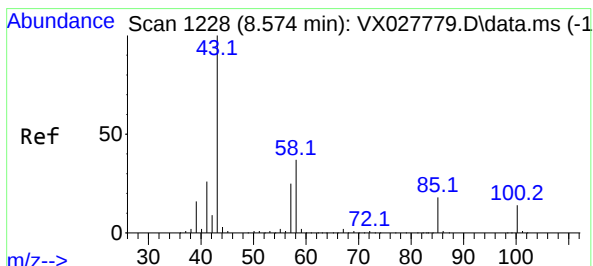
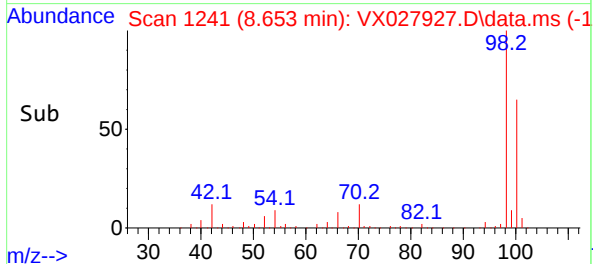
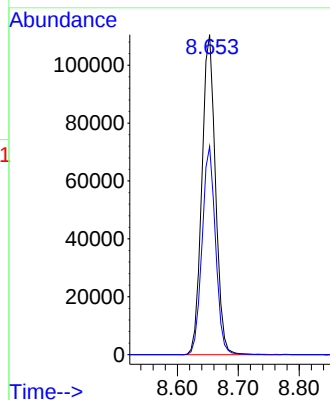
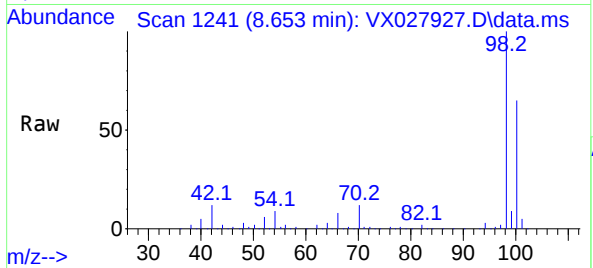




#50
Toluene-d8
Concen: 52.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

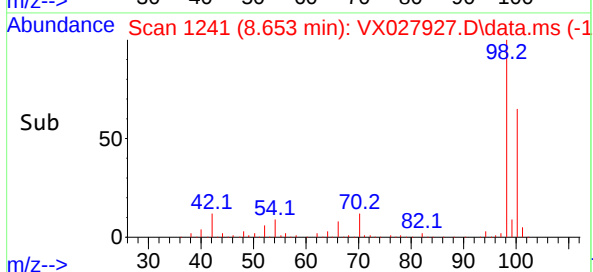
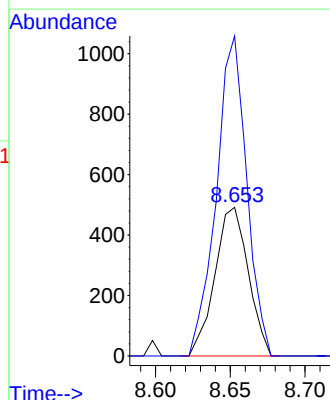
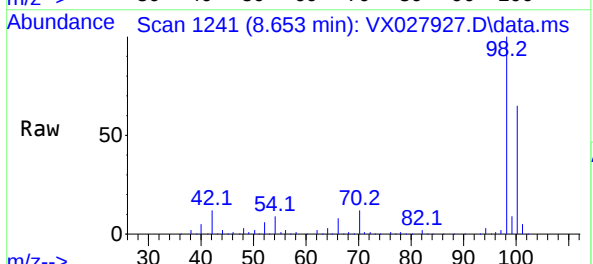
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

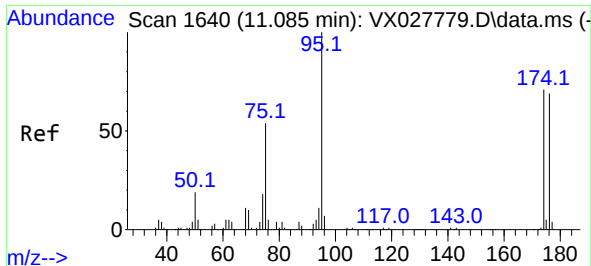
Tgt Ion: 98 Resp: 171833
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 195.8 36.1 54.1#

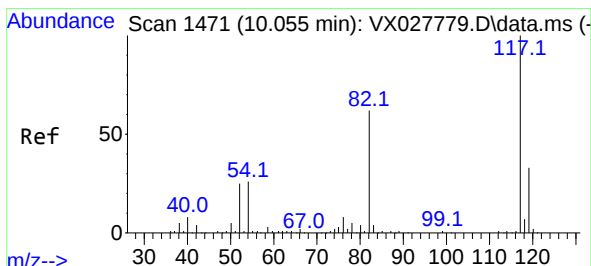
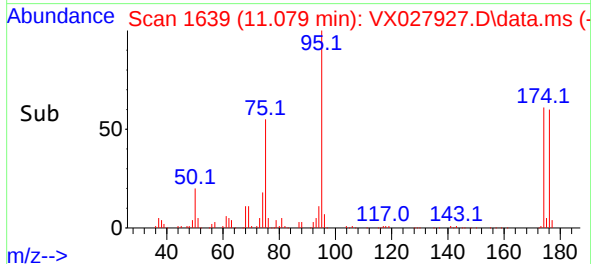
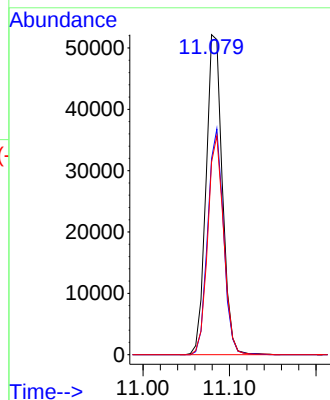
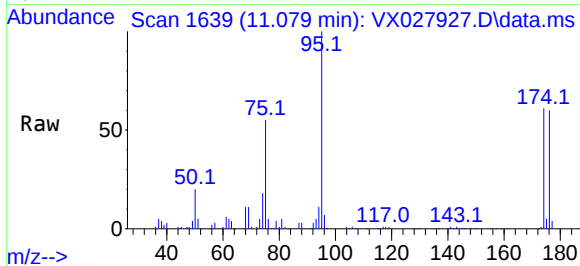




#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

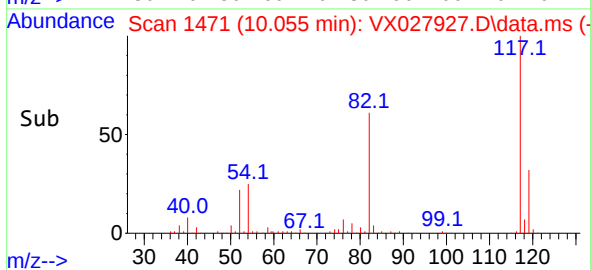
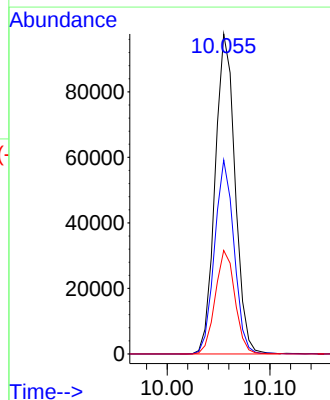
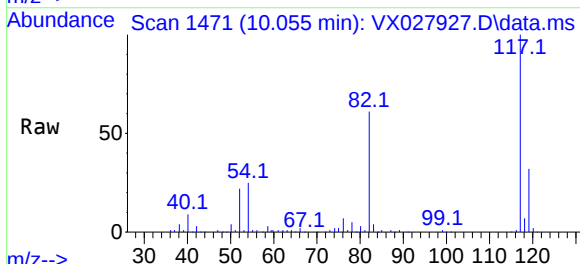
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

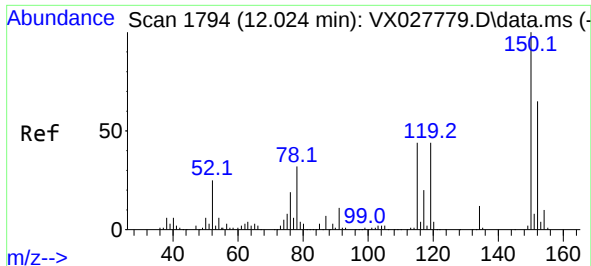
Tgt Ion: 95 Resp: 68134
Ion Ratio Lower Upper
95 100
174 68.1 0.0 163.0
176 66.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 117 Resp: 131390
Ion Ratio Lower Upper
117 100
82 60.6 41.8 62.8
119 32.4 24.8 37.2

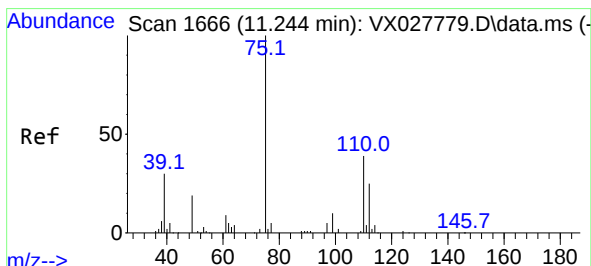
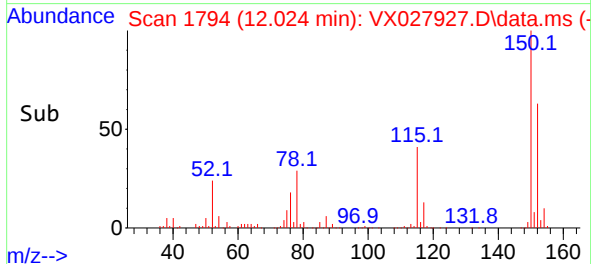
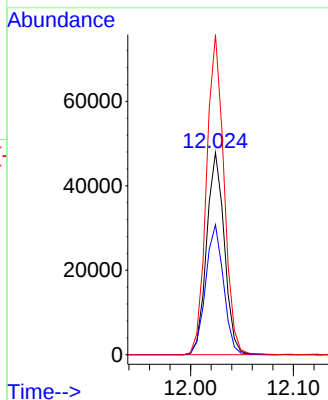
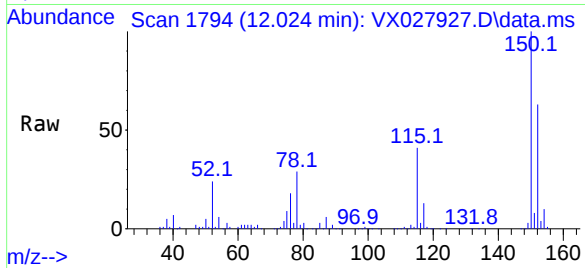




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

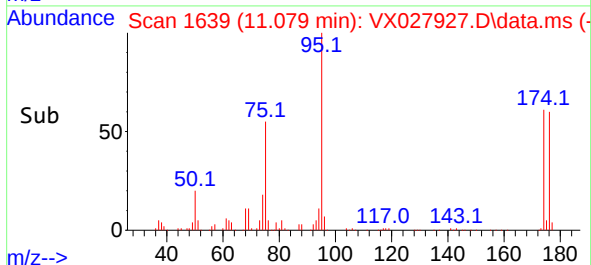
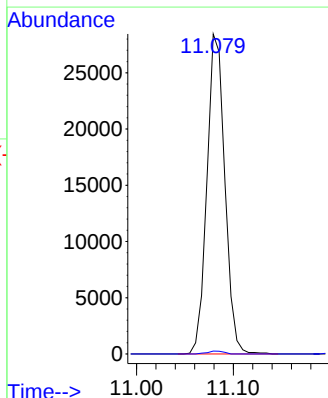
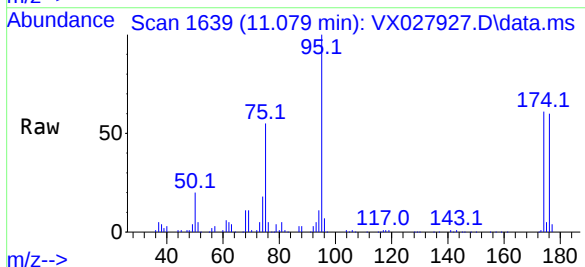
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

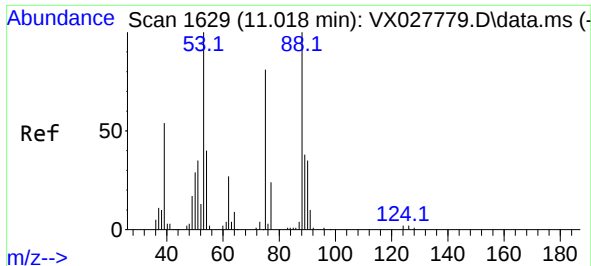
Tgt Ion:152 Resp: 57323
Ion Ratio Lower Upper
152 100
115 65.0 37.5 112.7
150 156.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 75 Resp: 36655
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#

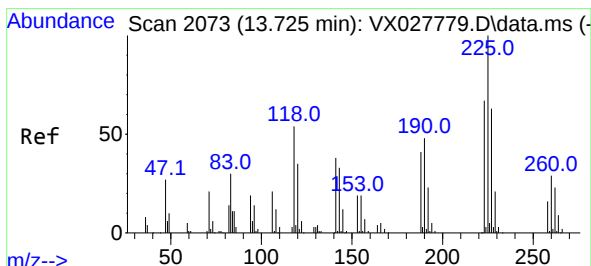
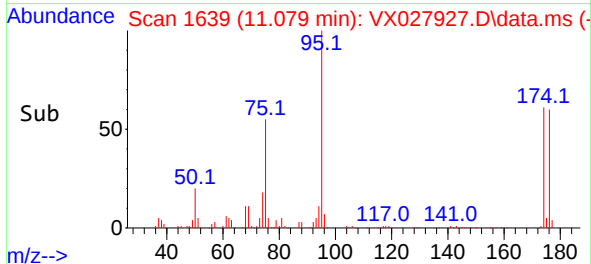
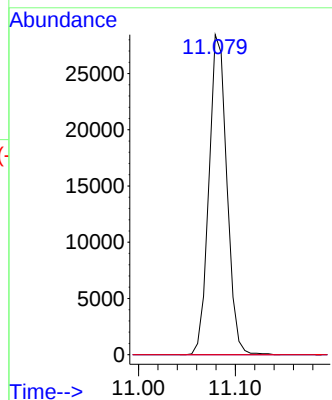
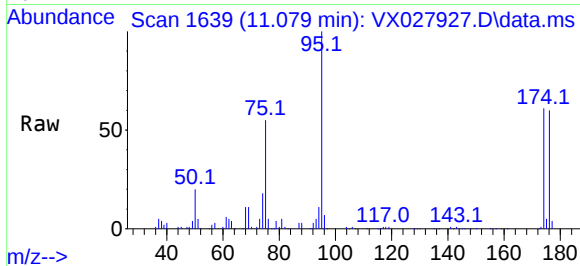




#81
trans-1,4-Dichloro-2-butene
Concen: 79.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320RE

Tgt Ion: 75 Resp: 36655
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.984 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027927.D
Acq: 02 Apr 2022 12:49

Tgt Ion: 225 Resp: 89
Ion Ratio Lower Upper
225 100
223 21.3 34.2 102.5#
227 0.0 33.9 101.7#

