

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027870.D
 Acq On : 01 Apr 2022 00:49
 Operator : JC/MD
 Sample : N2074-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20220321

Quant Time: Apr 01 05:08:29 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)

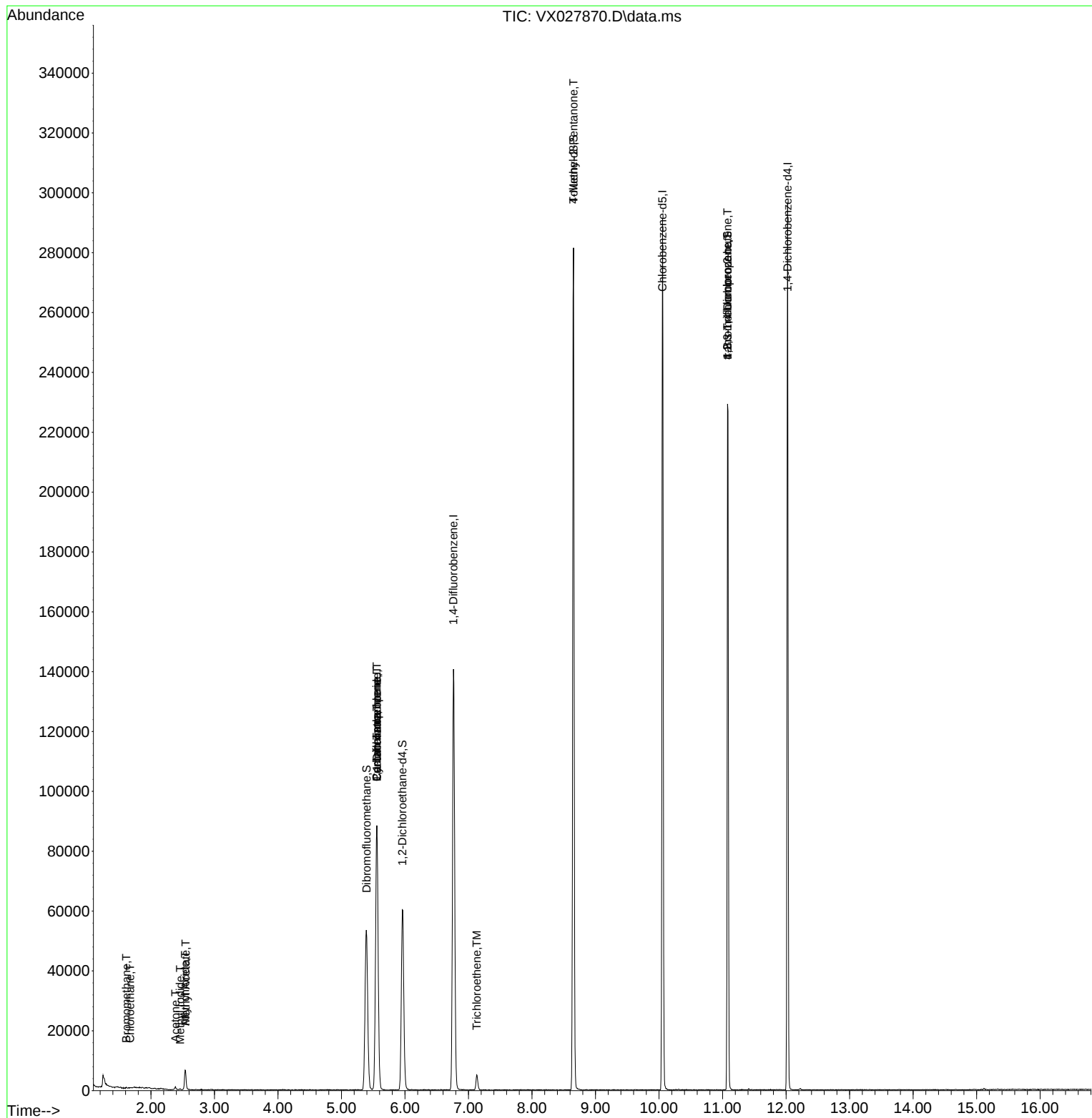
Internal Standards						
1) Pentafluorobenzene	5.556	168	76708	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	134506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63233	63.888	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 127.780%			
35) Dibromofluoromethane	5.397	113	45998	52.981	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.960%			
50) Toluene-d8	8.653	98	159242	52.130	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	11.079	95	63169	48.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.320%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	127	0.447	ug/l #	58
6) Chloroethane	1.672	64	86	0.203	ug/l #	43
10) Methyl Iodide	2.459	142	229	0.275	ug/l #	80
14) Allyl chloride	2.538	41	650	0.537	ug/l #	44
16) Acetone	2.386	43	939	2.144	ug/l	89
18) Methyl Acetate	2.544	43	1928	1.786	ug/l #	46
31) Cyclohexane	5.556	56	1969	1.800	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	6782	6.202	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8981	7.434	ug/l #	15
44) Trichloroethene	7.129	130	1810	2.010	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	872	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36079	29.143	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36079	84.986	ug/l #	15

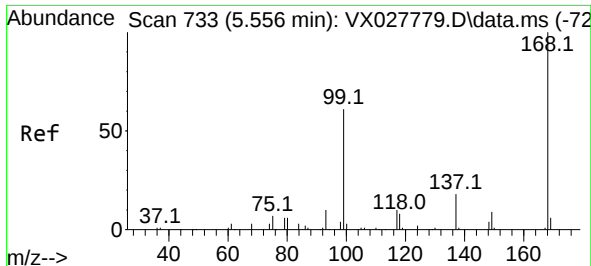
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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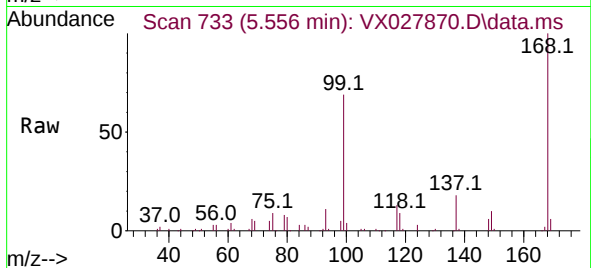
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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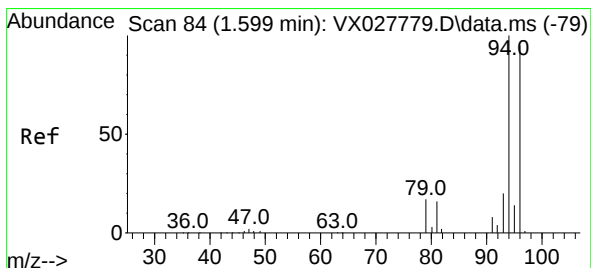
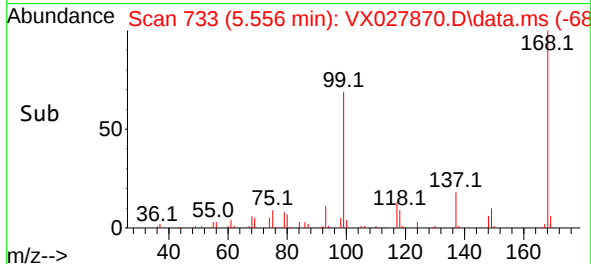
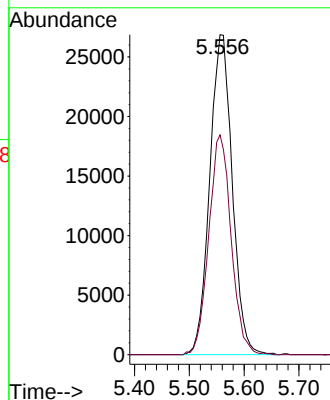


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220321

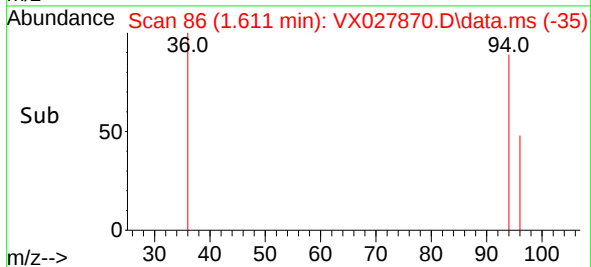
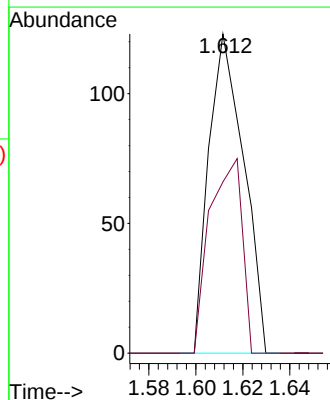
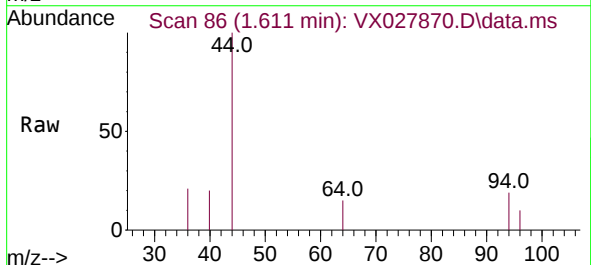


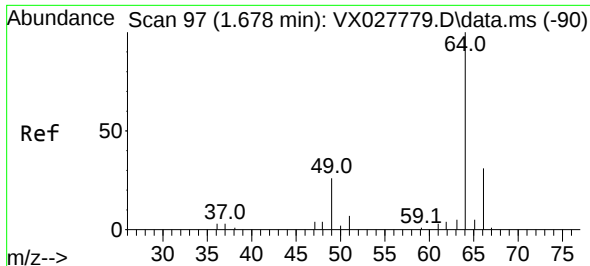
Tgt Ion:168 Resp: 76708
Ion Ratio Lower Upper
168 100
99 68.7 41.7 62.5#



#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 53.7 75.3 112.9#

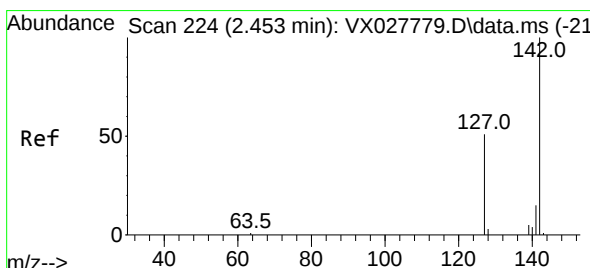
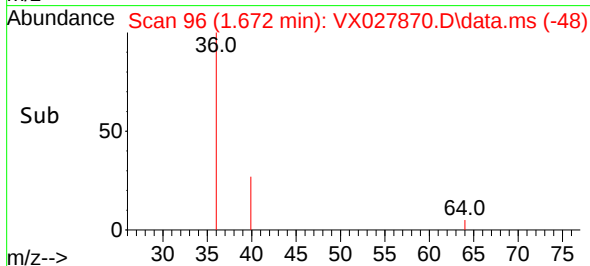
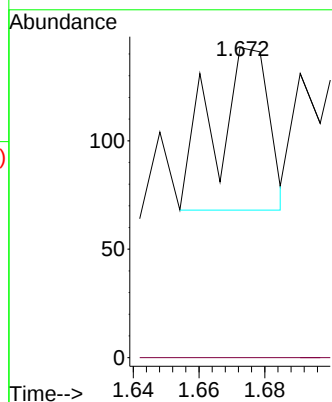
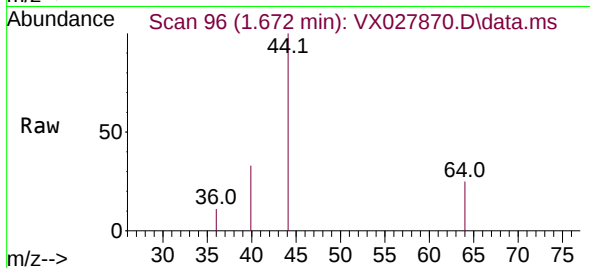




#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

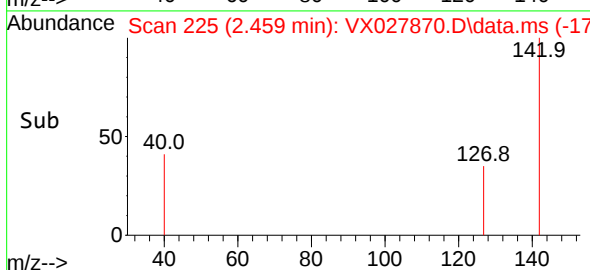
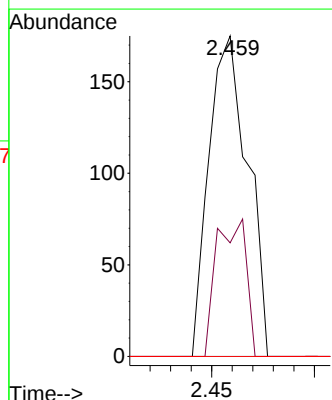
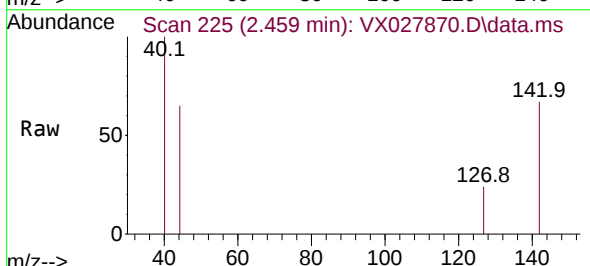
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220321

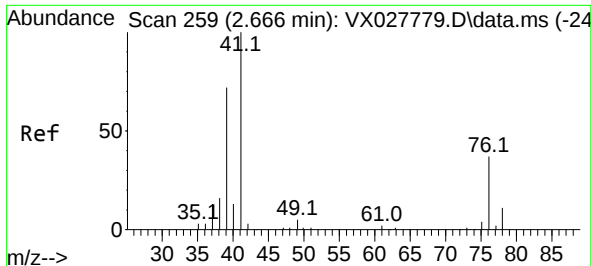
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Tgt Ion: 142 Resp: 229
Ion Ratio Lower Upper
142 100
127 33.2 33.9 50.9#
141 0.0 11.4 17.2#

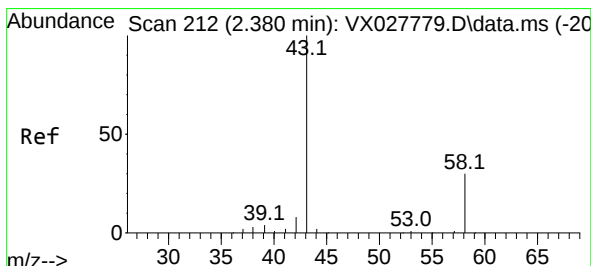
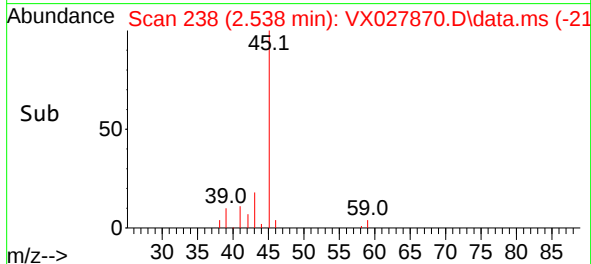
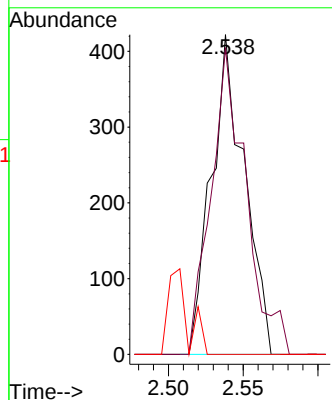
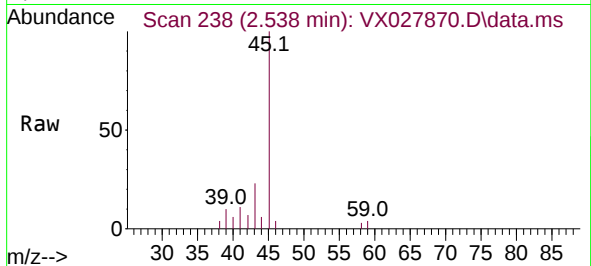




#14
 Allyl chloride
 Concen: 0.537 ug/l
 RT: 2.538 min Scan# 213
 Delta R.T. -0.128 min
 Lab File: VX027870.D
 Acq: 01 Apr 2022 00:49

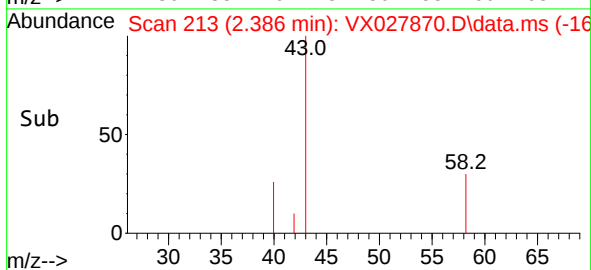
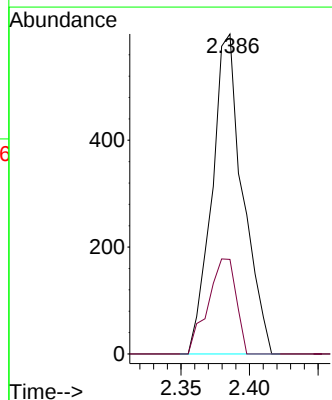
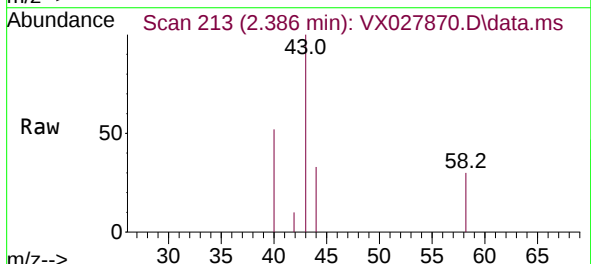
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20220321

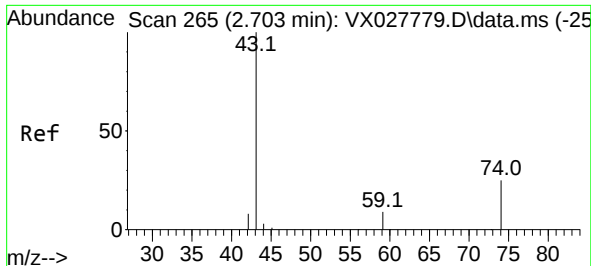
Tgt Ion: 41 Resp: 650
 Ion Ratio Lower Upper
 41 100
 39 101.5 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.144 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX027870.D
 Acq: 01 Apr 2022 00:49

Tgt Ion: 43 Resp: 939
 Ion Ratio Lower Upper
 43 100
 58 29.5 28.8 43.2

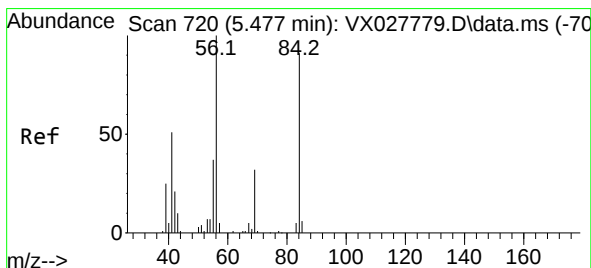
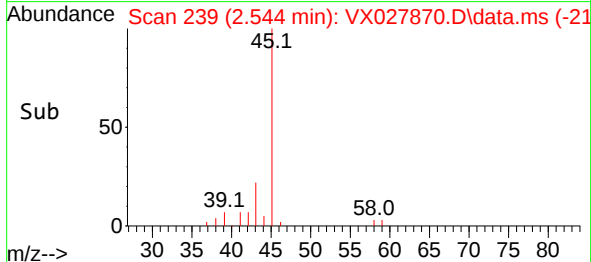
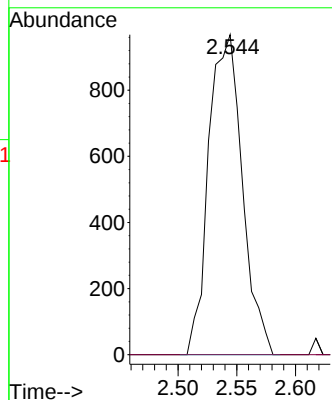
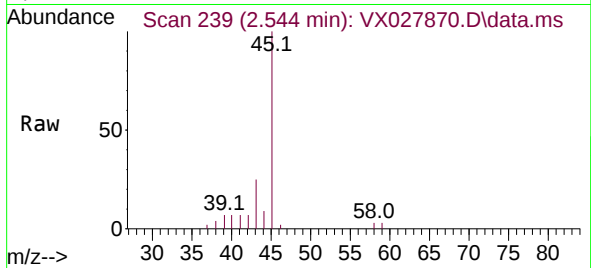




#18
Methyl Acetate
Concen: 1.786 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.159 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

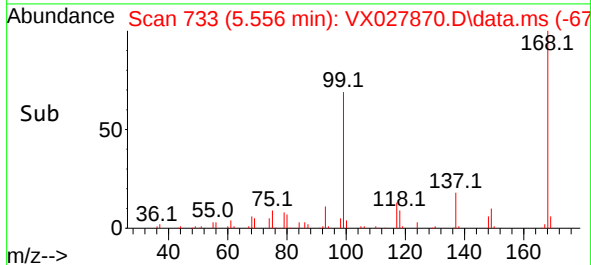
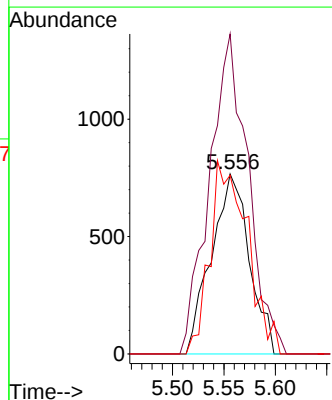
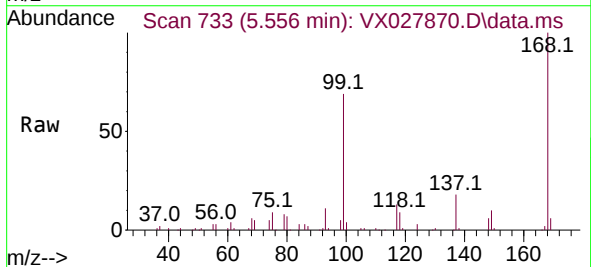
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220321

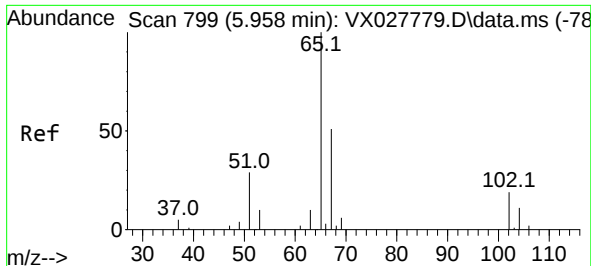
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.800 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 177.7 26.7 40.1#
84 99.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 63.888 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027870.D

Acq: 01 Apr 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

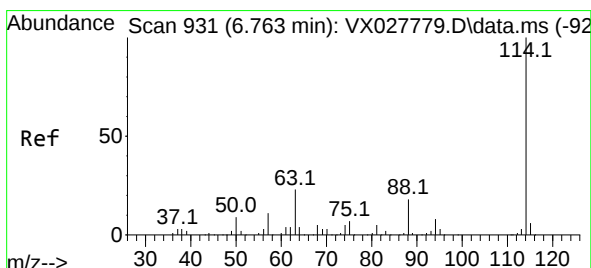
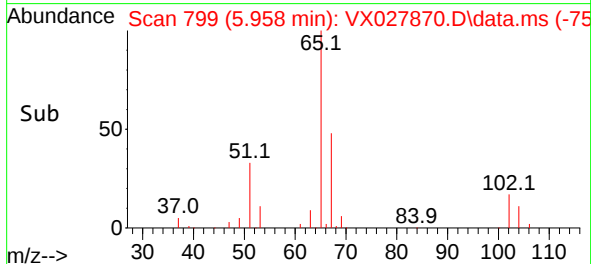
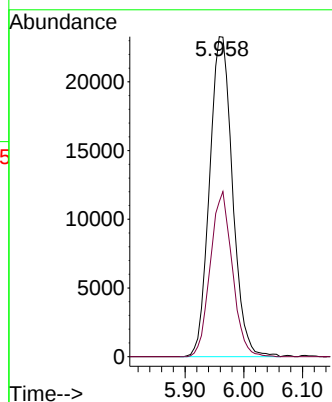
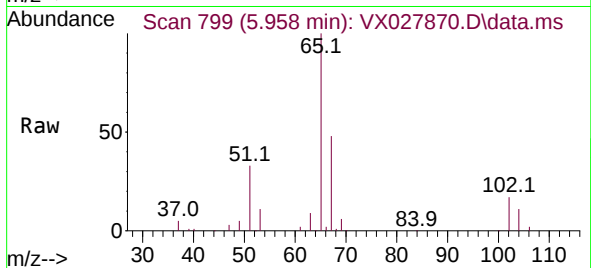
RE122D3-20220321

Tgt Ion: 65 Resp: 63233

Ion Ratio Lower Upper

65 100

67 49.4 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: VX027870.D

Acq: 01 Apr 2022 00:49

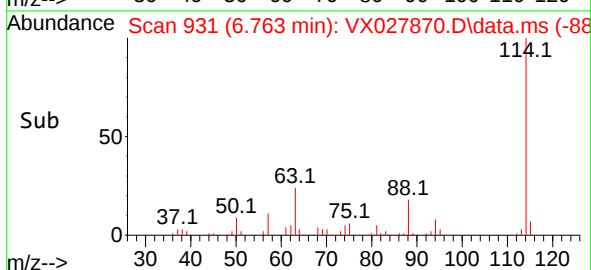
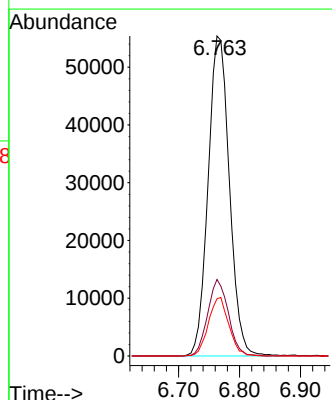
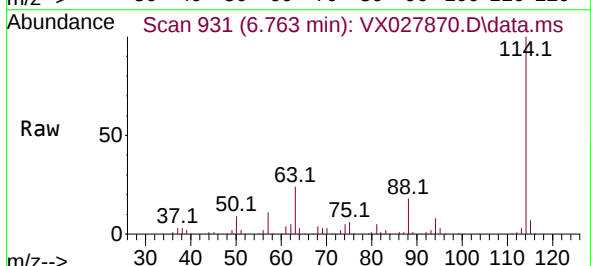
Tgt Ion: 114 Resp: 134506

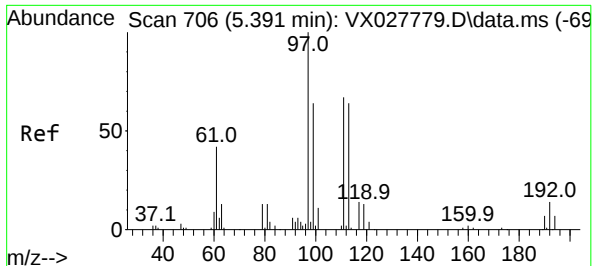
Ion Ratio Lower Upper

114 100

63 23.9 0.0 36.8

88 17.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.981 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX027870.D

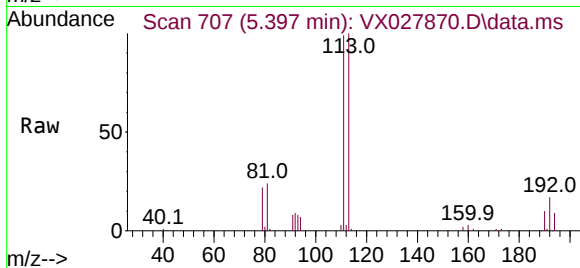
Acq: 01 Apr 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20220321



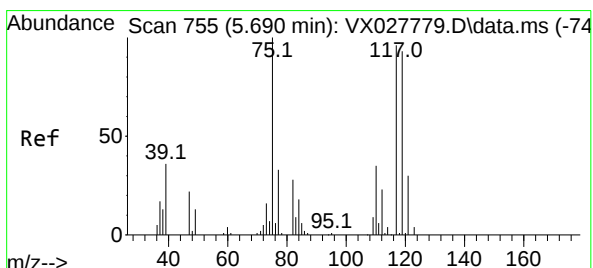
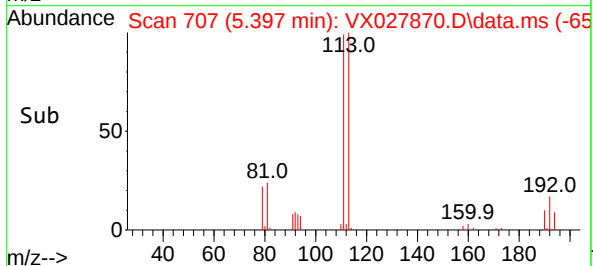
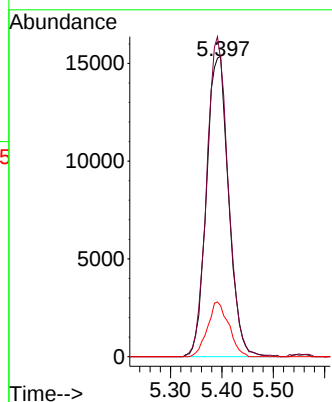
Tgt Ion:113 Resp: 45998

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 17.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.202 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027870.D

Acq: 01 Apr 2022 00:49

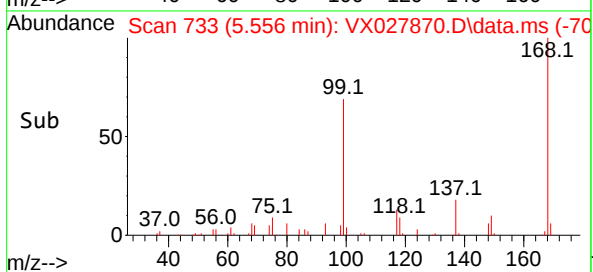
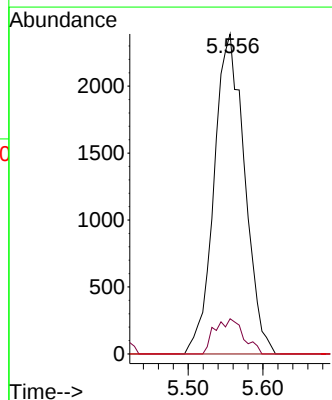
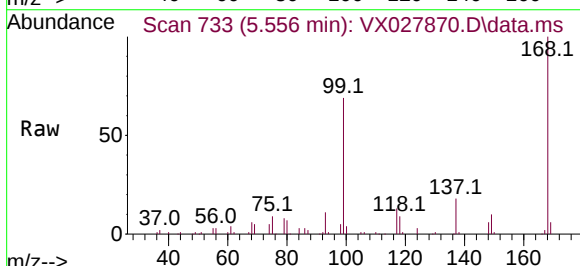
Tgt Ion: 75 Resp: 6782

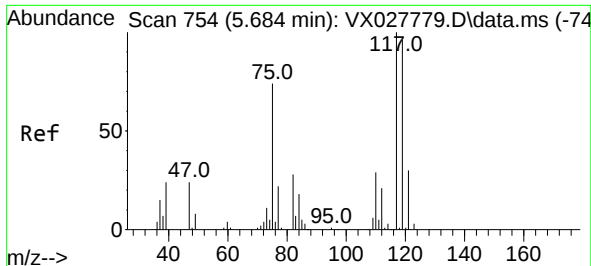
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

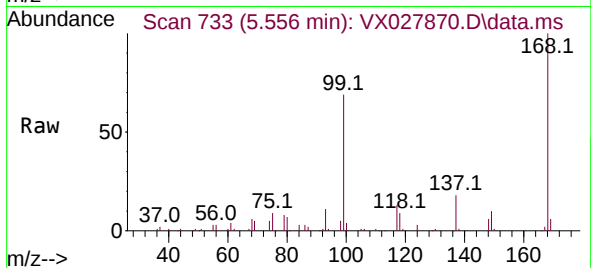
77 0.0 24.8 37.2#



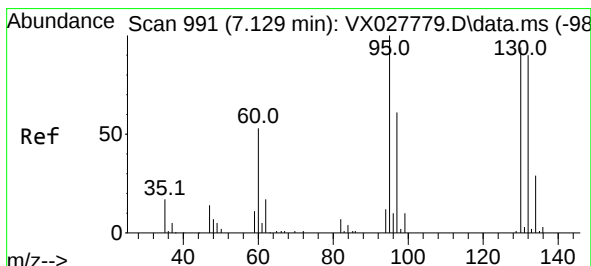
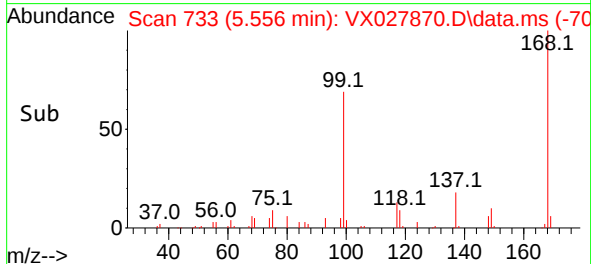
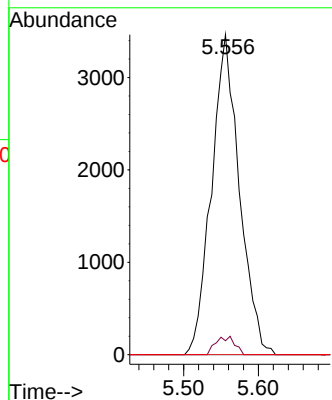


#38
Carbon Tetrachloride
Concen: 7.434 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220321

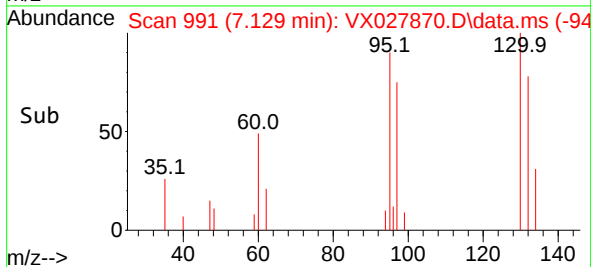
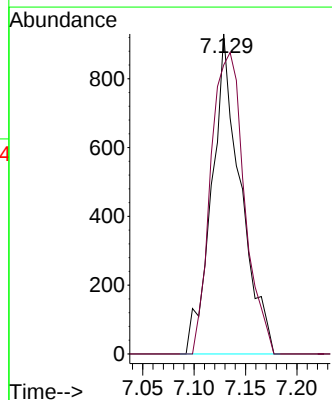
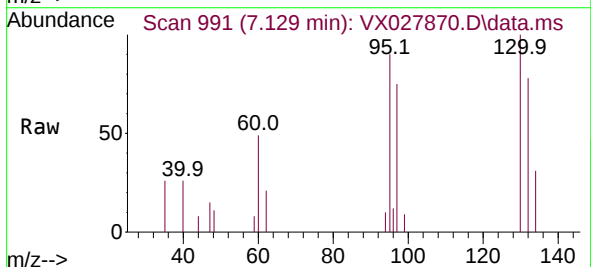


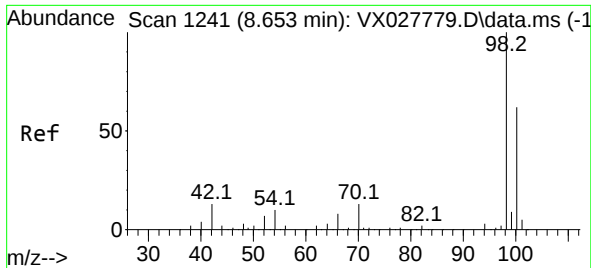
Tgt Ion:117 Resp: 8981
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 2.010 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Tgt Ion:130 Resp: 1810
Ion Ratio Lower Upper
130 100
95 90.3 0.0 188.8

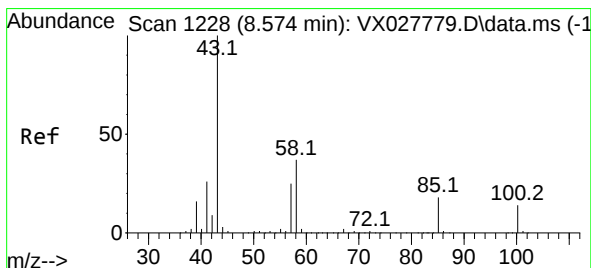
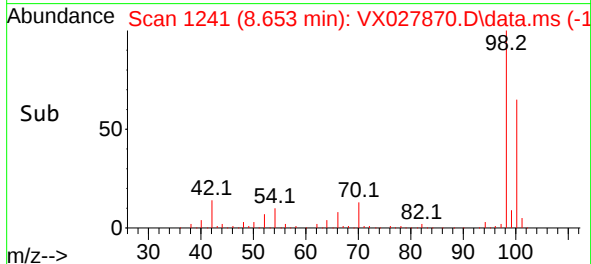
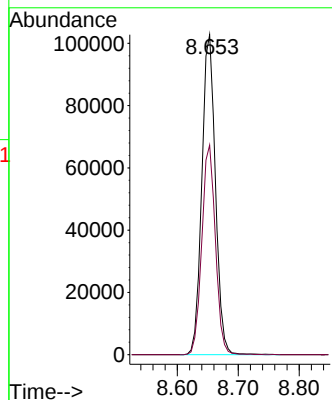
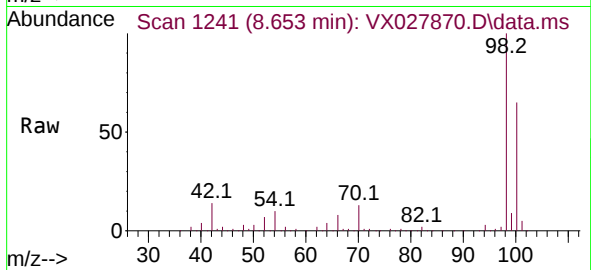




#50
Toluene-d8
Concen: 52.130 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

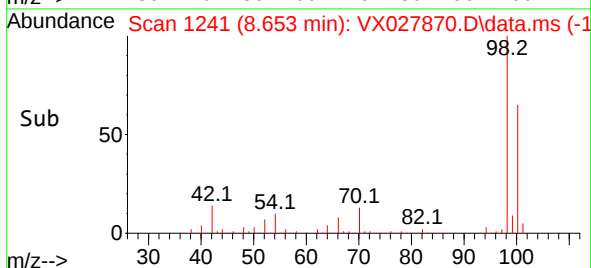
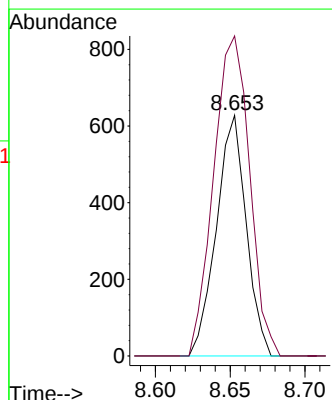
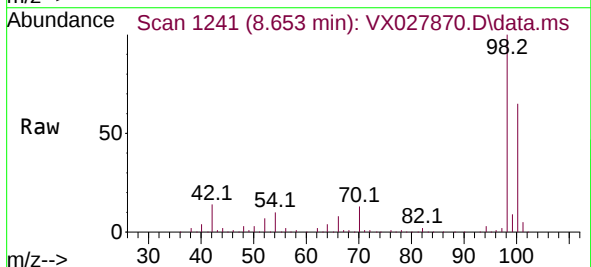
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20220321

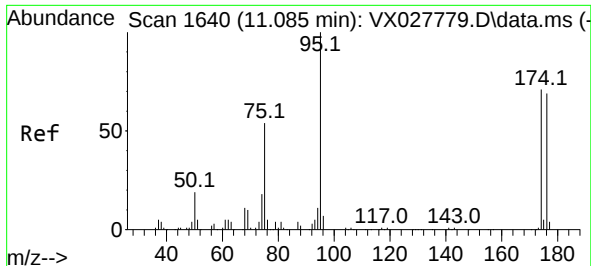
Tgt Ion: 98 Resp: 159242
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027870.D
Acq: 01 Apr 2022 00:49

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 160.0 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 48.661 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027870.D

Acq: 01 Apr 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20220321

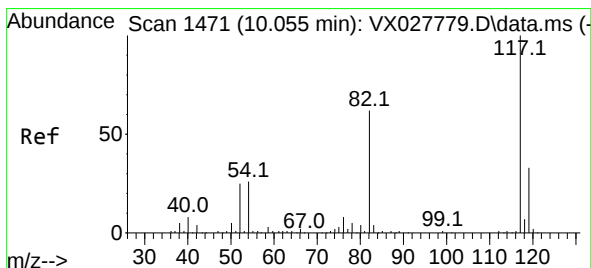
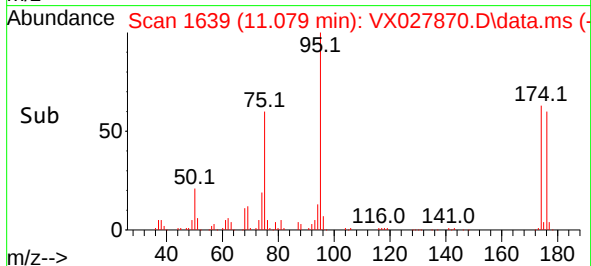
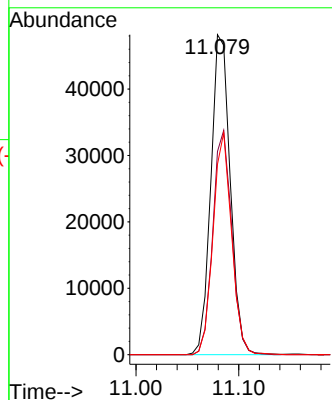
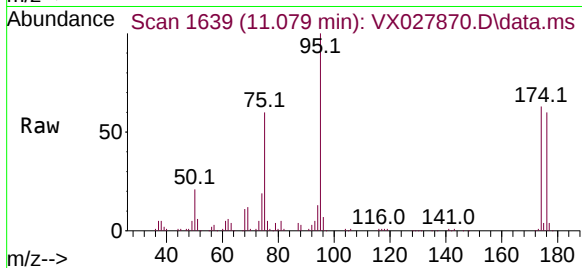
Tgt Ion: 95 Resp: 63169

Ion Ratio Lower Upper

95 100

174 68.5 0.0 163.0

176 66.2 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: VX027870.D

Acq: 01 Apr 2022 00:49

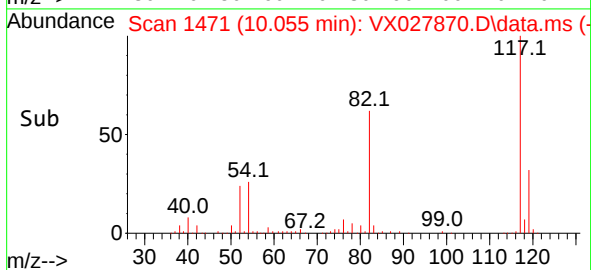
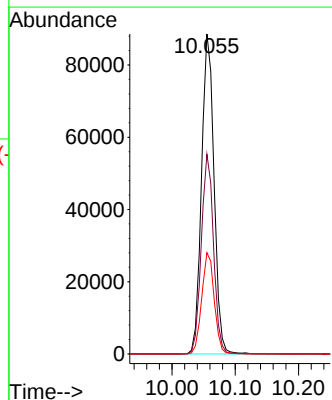
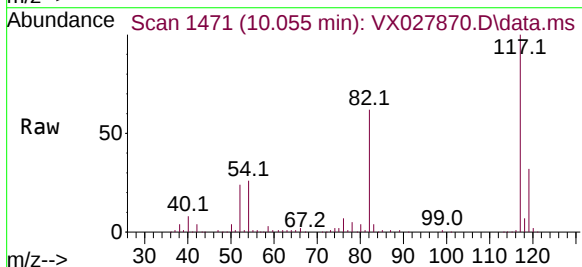
Tgt Ion: 117 Resp: 122043

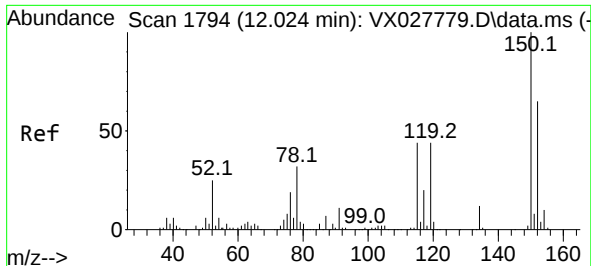
Ion Ratio Lower Upper

117 100

82 62.4 41.8 62.8

119 31.7 24.8 37.2

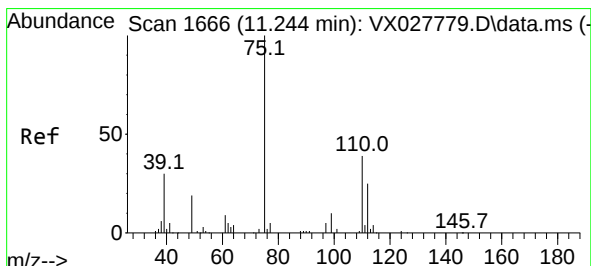
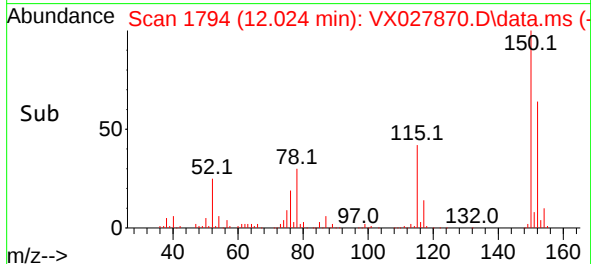
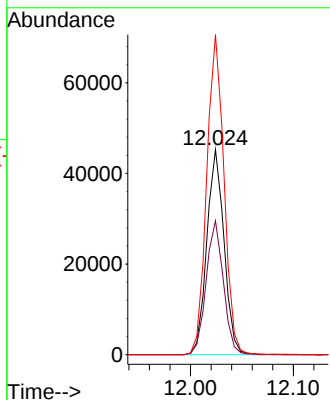
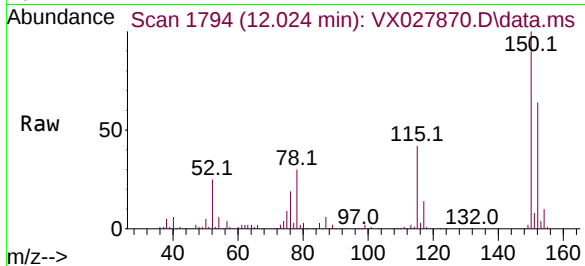




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027870.D
 Acq: 01 Apr 2022 00:49

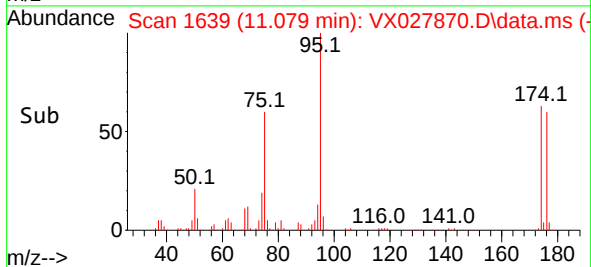
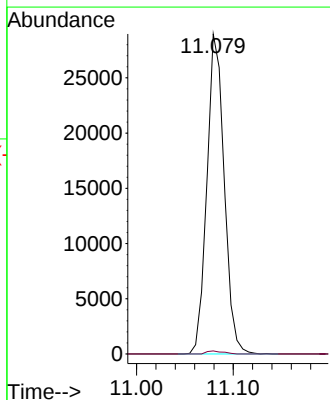
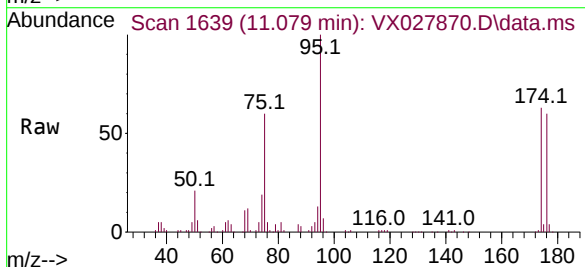
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20220321

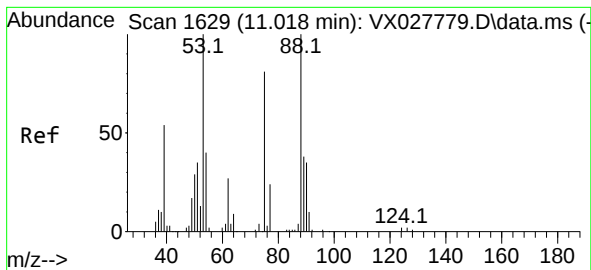
Tgt Ion:152 Resp: 52775
 Ion Ratio Lower Upper
 152 100
 115 65.2 37.5 112.7
 150 155.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.143 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027870.D
 Acq: 01 Apr 2022 00:49

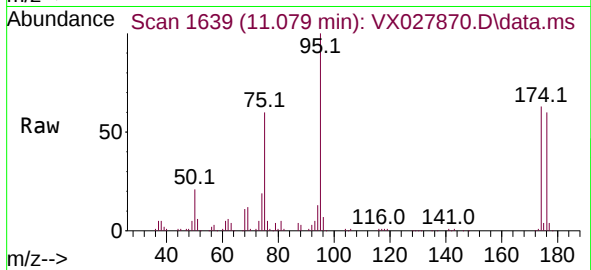
Tgt Ion: 75 Resp: 36079
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.986 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027870.D
 Acq: 01 Apr 2022 00:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20220321



Tgt Ion: 75 Resp: 36079
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

