

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027852.D
 Acq On : 31 Mar 2022 16:53
 Operator : JC/MD
 Sample : N2041-24RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-20220318RE

Quant Time: Apr 01 04:09:26 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)

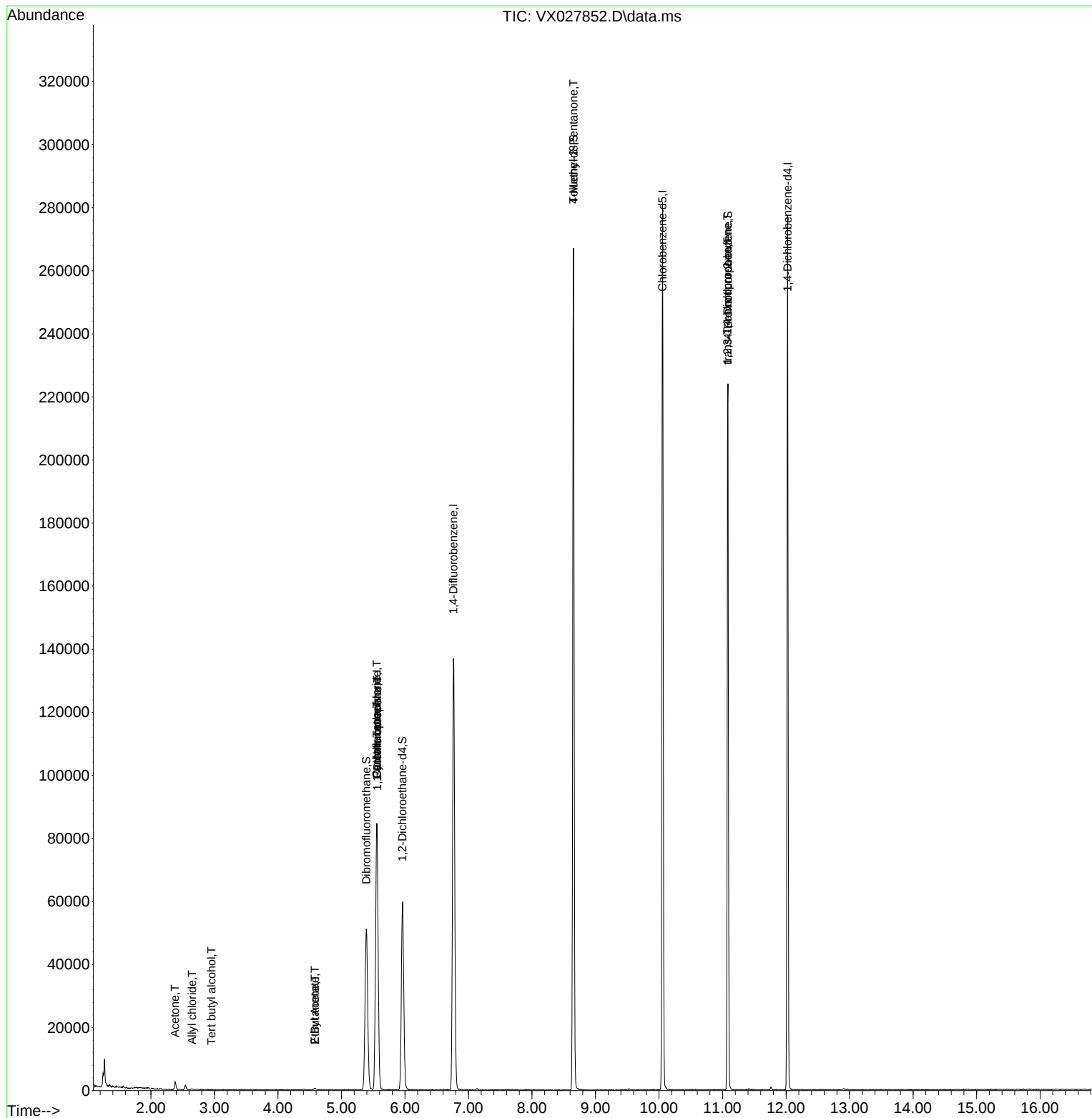
Internal Standards						
1) Pentafluorobenzene	5.556	168	72793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	134059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116016	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60724	64.653	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 129.300%		
35) Dibromofluoromethane	5.391	113	43745	50.554	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.100%		
50) Toluene-d8	8.653	98	156660	51.455	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 102.920%		
62) 4-Bromofluorobenzene	11.085	95	60334	46.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 93.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	179	0.992	ug/l #	72
14) Allyl chloride	2.648	41	248	0.216	ug/l #	25
16) Acetone	2.380	43	2863	6.888	ug/l #	87
25) 2-Butanone	4.580	43	986	1.630	ug/l #	78
31) Cyclohexane	5.556	56	1962	1.890	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	6907	6.337	ug/l #	48
37) Ethyl Acetate	4.580	43	986	0.730	ug/l #	65
38) Carbon Tetrachloride	5.556	117	8515	7.072	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	691	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34451	30.019	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34451	87.436	ug/l #	15

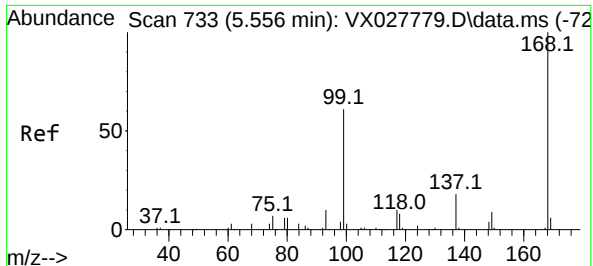
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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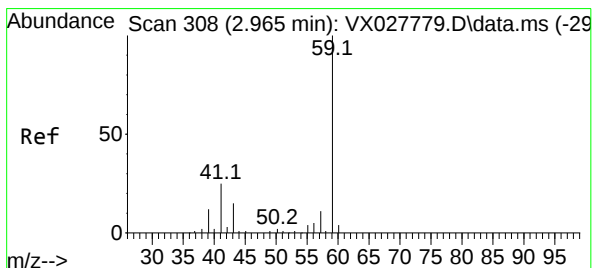
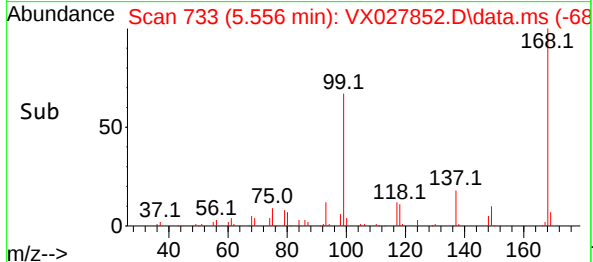
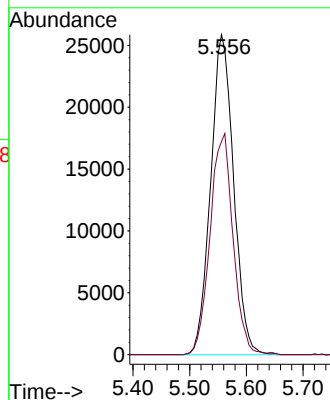
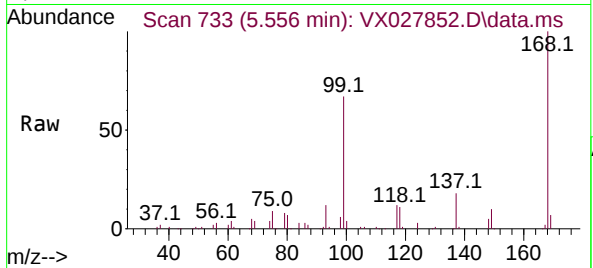




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

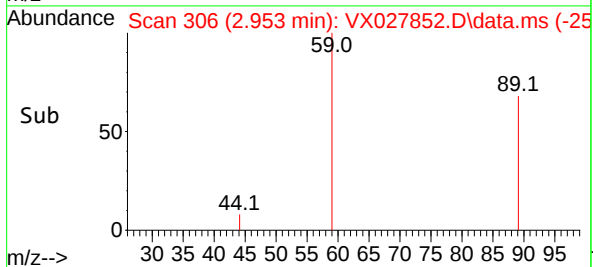
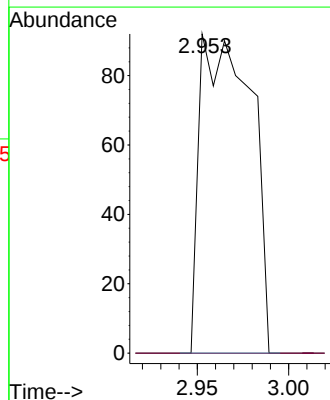
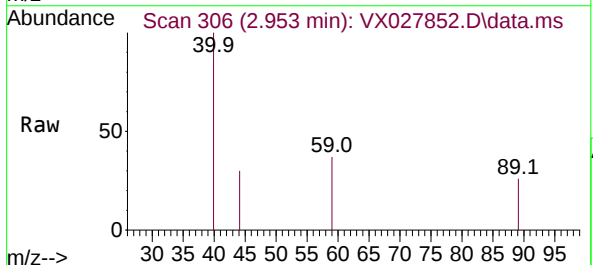
Instrument :
MSVOA_X
ClientSampleId :
EB-01-20220318RE

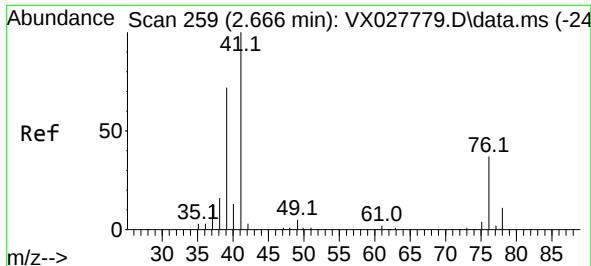
Tgt Ion:168 Resp: 72793
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5#



#11
Tert butyl alcohol
Concen: 0.992 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

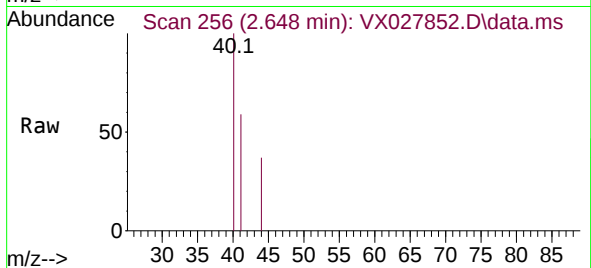
Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



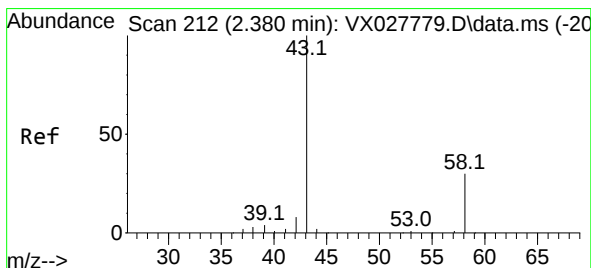
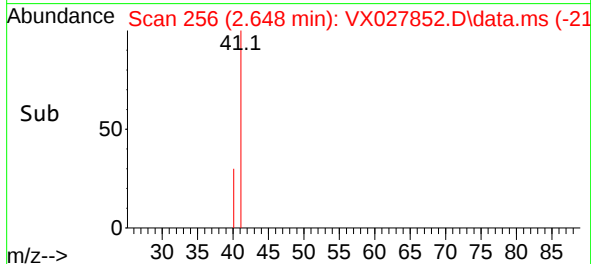
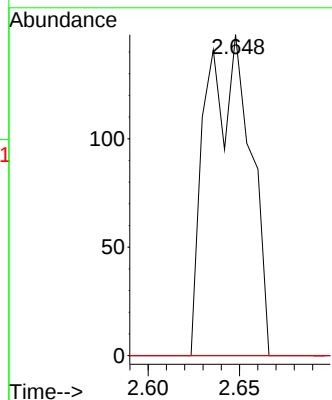


#14
 Allyl chloride
 Concen: 0.216 ug/l
 RT: 2.648 min Scan# 216
 Delta R.T. -0.018 min
 Lab File: VX027852.D
 Acq: 31 Mar 2022 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-20220318RE

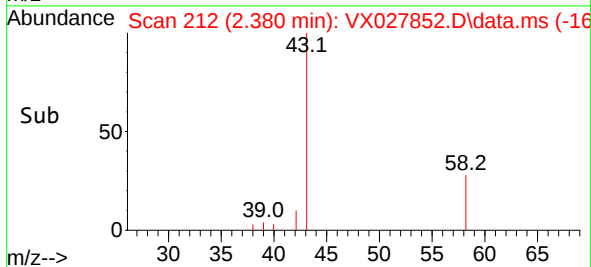
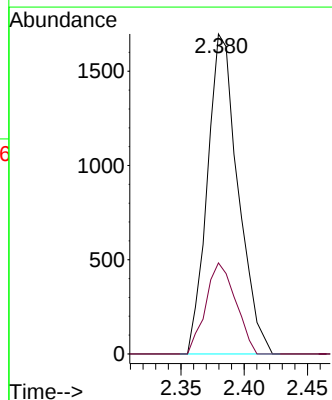
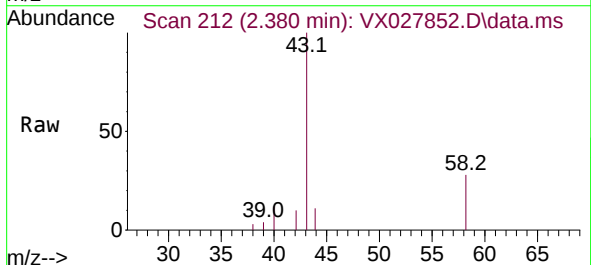


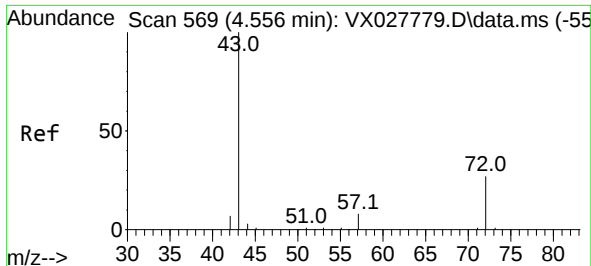
Tgt Ion: 41 Resp: 248
 Ion Ratio Lower Upper
 41 100
 39 0.0 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 6.888 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027852.D
 Acq: 31 Mar 2022 16:53

Tgt Ion: 43 Resp: 2863
 Ion Ratio Lower Upper
 43 100
 58 28.4 28.8 43.2#

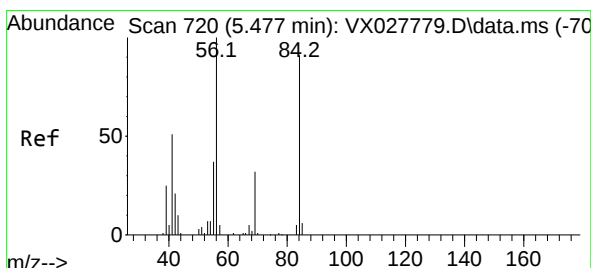
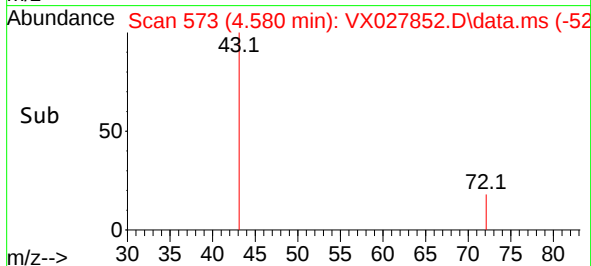
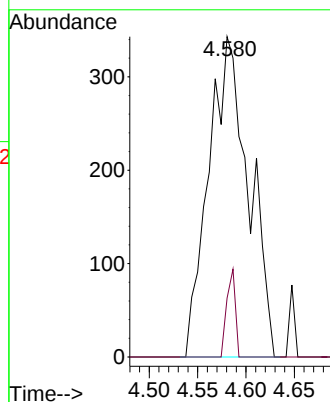
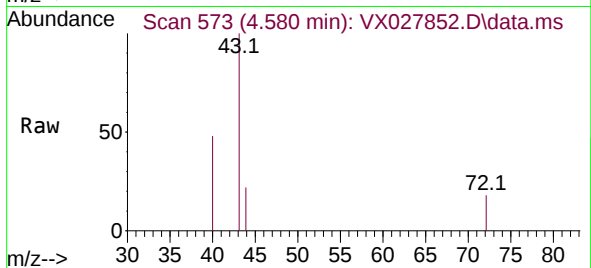




#25
2-Butanone
Concen: 1.630 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

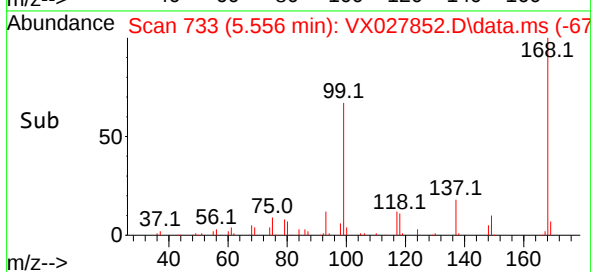
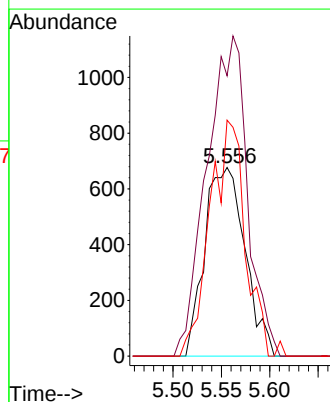
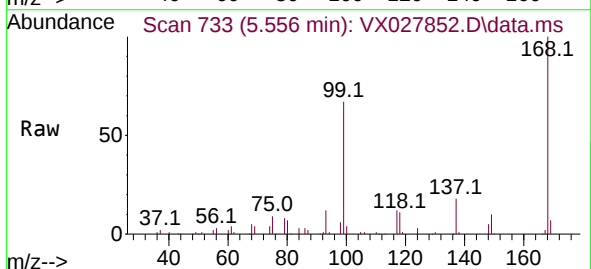
Instrument :
MSVOA_X
ClientSampleId :
EB-01-20220318RE

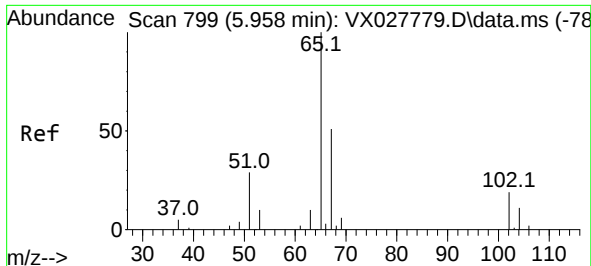
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
72 18.4 24.4 36.6#



#31
Cyclohexane
Concen: 1.890 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

Tgt Ion: 56 Resp: 1962
Ion Ratio Lower Upper
56 100
69 148.6 26.7 40.1#
84 125.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 64.653 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

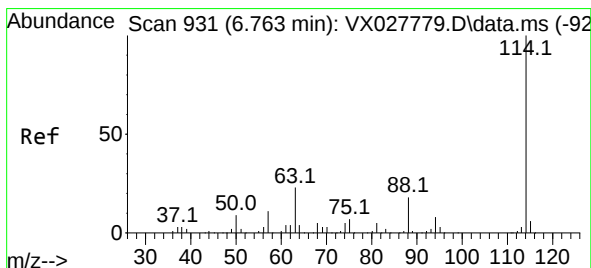
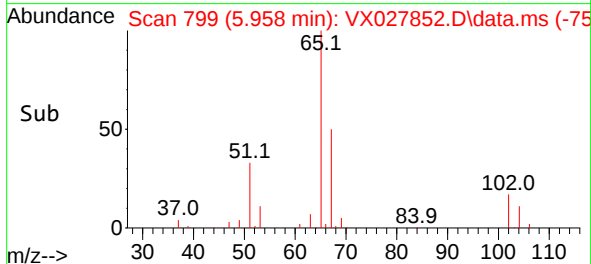
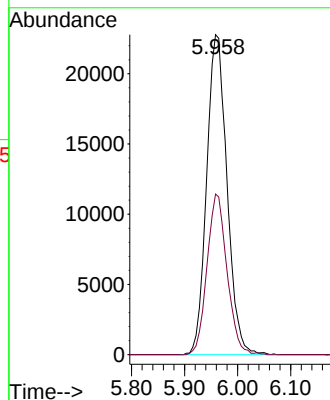
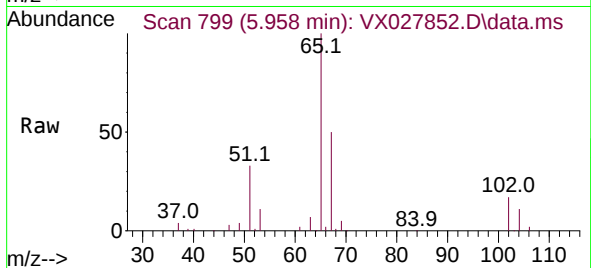
EB-01-20220318RE

Tgt Ion: 65 Resp: 60724

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: VX027852.D

Acq: 31 Mar 2022 16:53

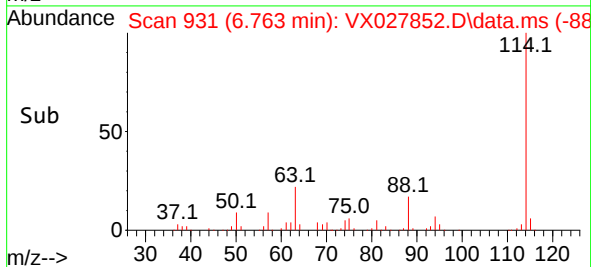
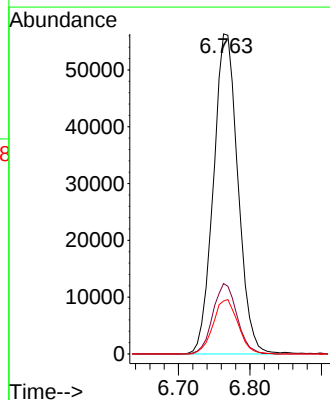
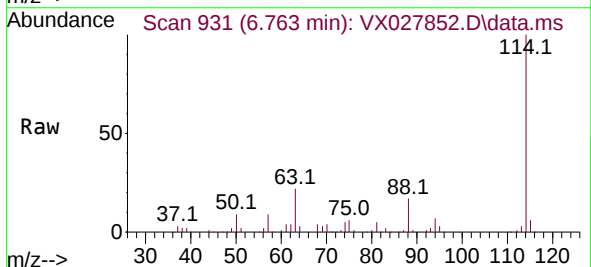
Tgt Ion: 114 Resp: 134059

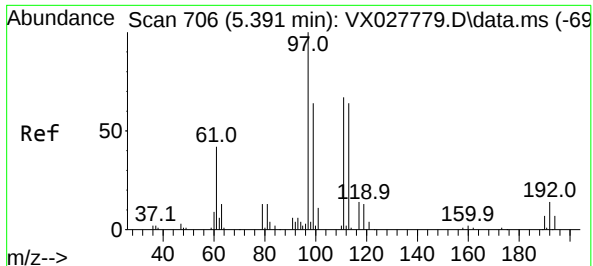
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.554 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027852.D

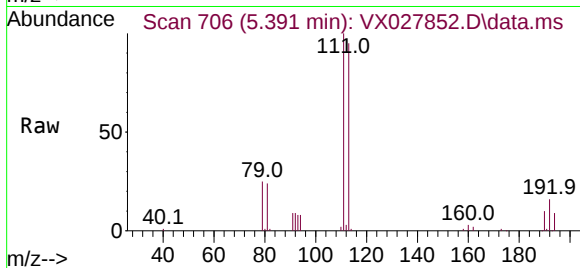
Acq: 31 Mar 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

EB-01-20220318RE



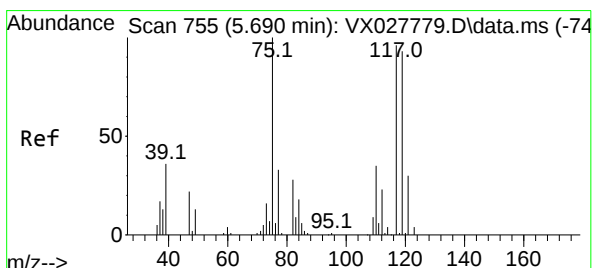
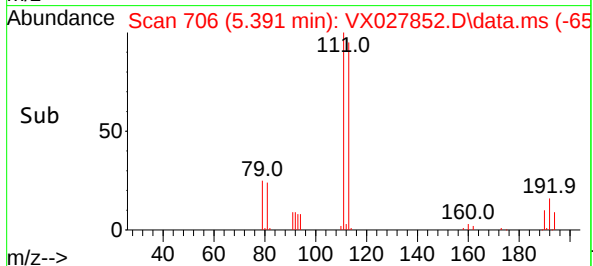
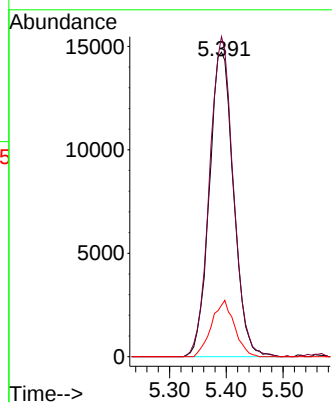
Tgt Ion:113 Resp: 43745

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 17.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.337 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

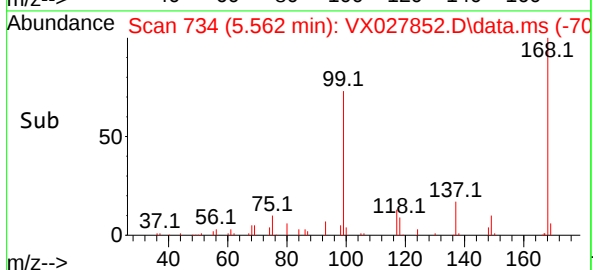
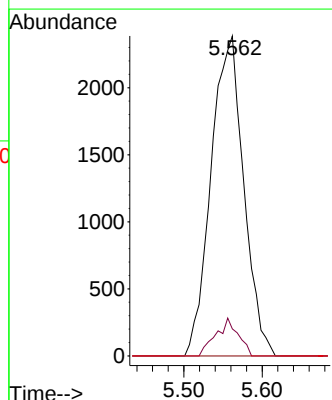
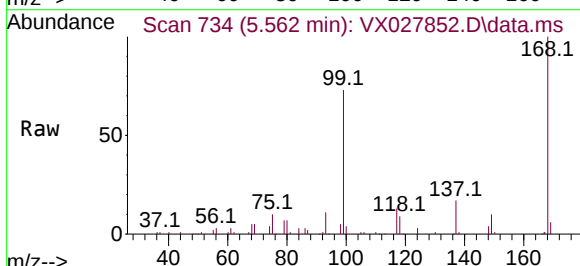
Tgt Ion: 75 Resp: 6907

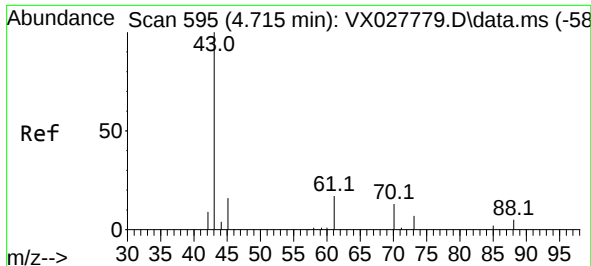
Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.730 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

EB-01-20220318RE

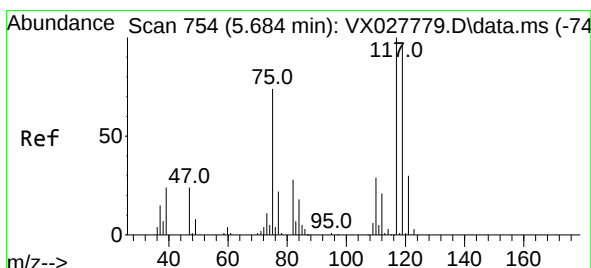
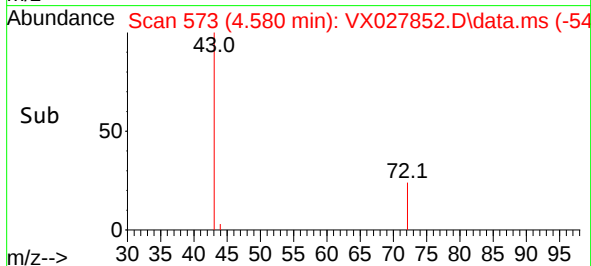
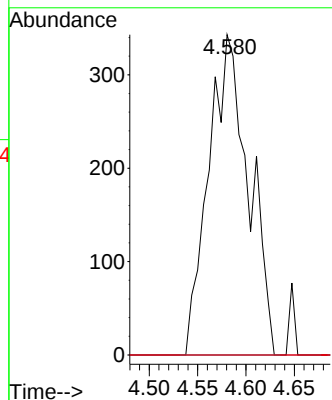
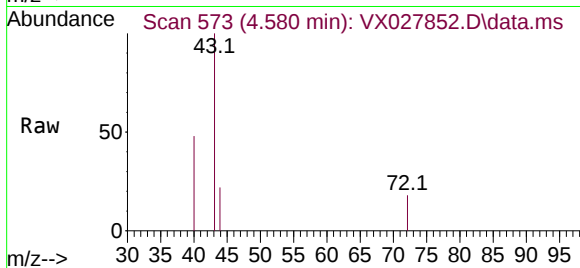
Tgt Ion: 43 Resp: 986

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 7.072 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

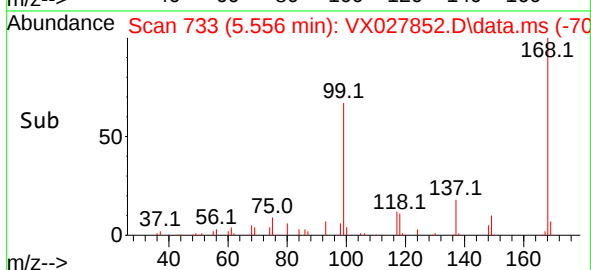
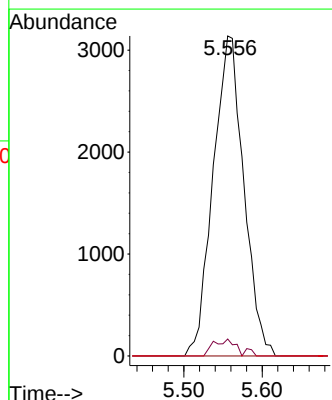
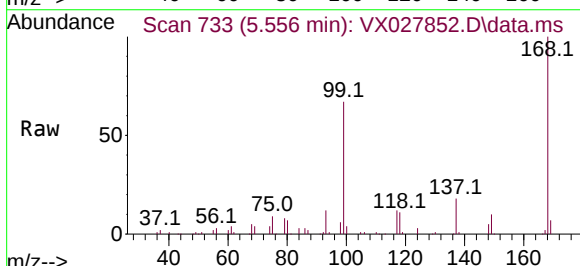
Tgt Ion: 117 Resp: 8515

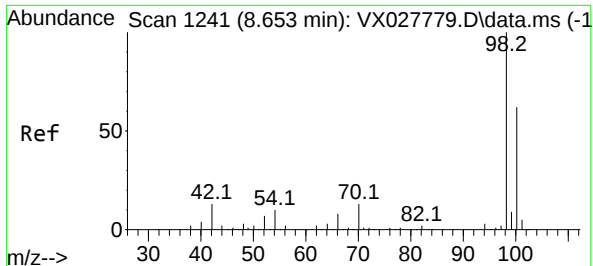
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 51.455 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

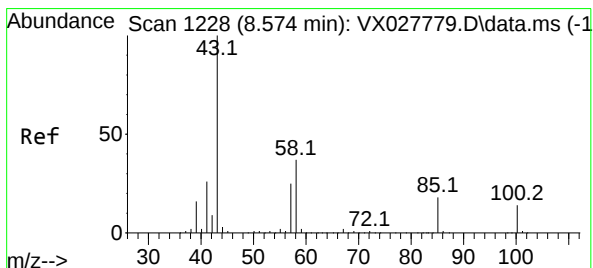
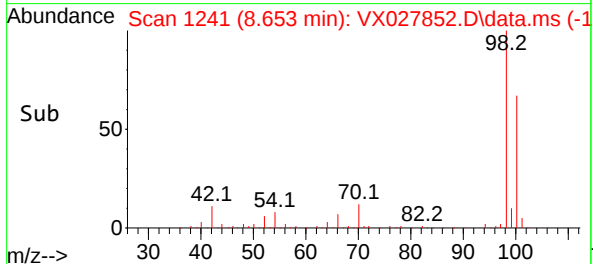
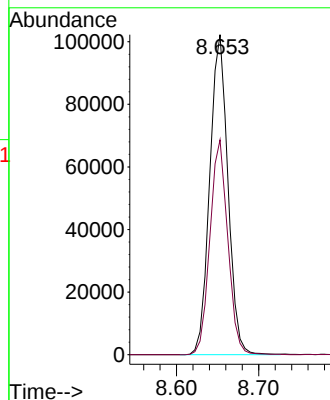
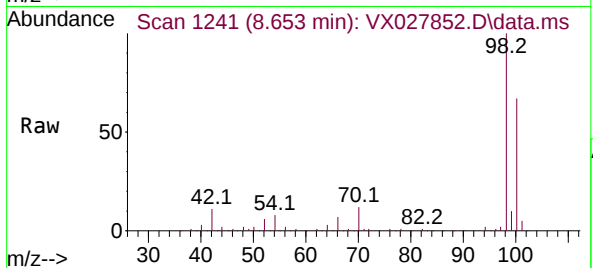
EB-01-20220318RE

Tgt Ion: 98 Resp: 156660

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.460 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027852.D

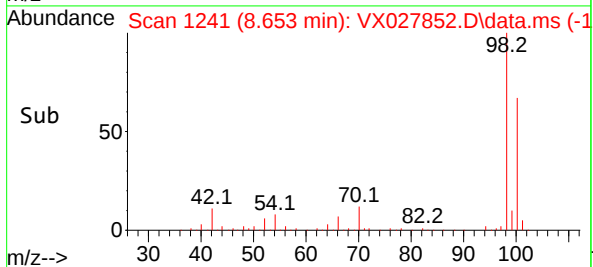
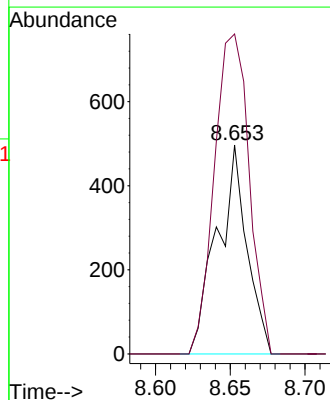
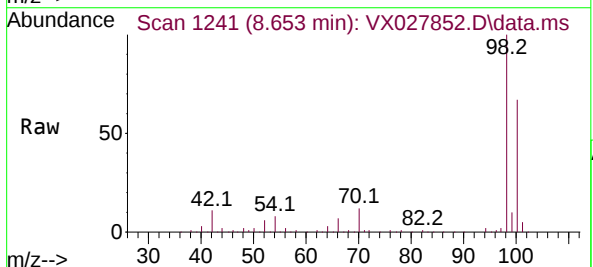
Acq: 31 Mar 2022 16:53

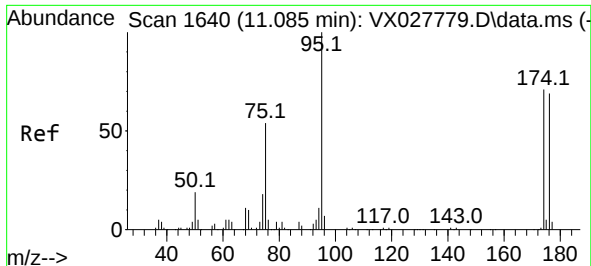
Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 178.4 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 46.632 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

EB-01-20220318RE

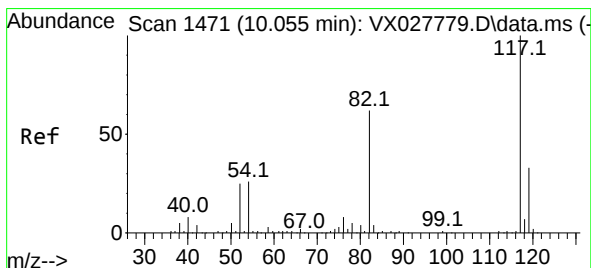
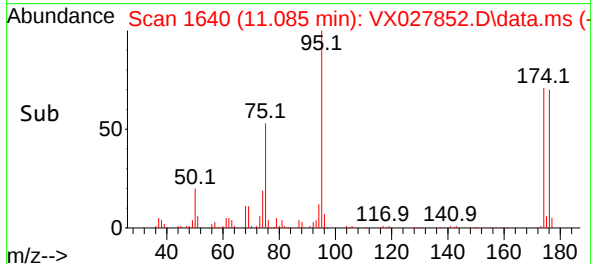
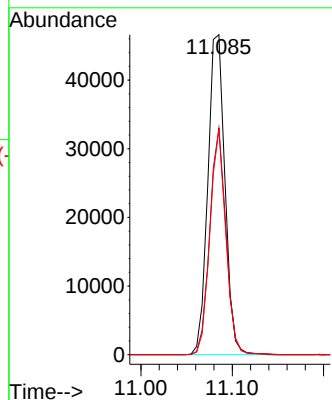
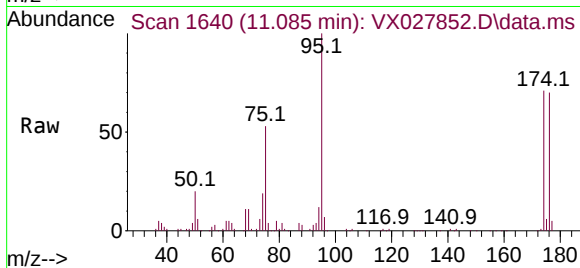
Tgt Ion: 95 Resp: 60334

Ion Ratio Lower Upper

95 100

174 67.2 0.0 163.0

176 65.5 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027852.D

Acq: 31 Mar 2022 16:53

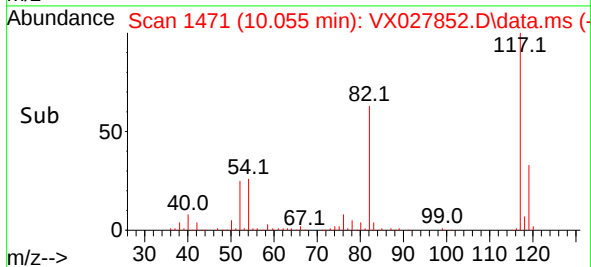
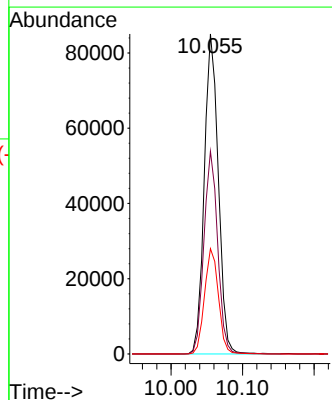
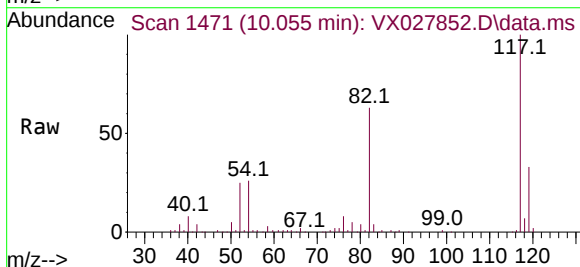
Tgt Ion: 117 Resp: 116016

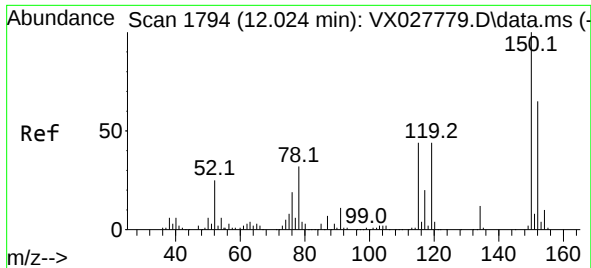
Ion Ratio Lower Upper

117 100

82 63.4 41.8 62.8#

119 32.9 24.8 37.2

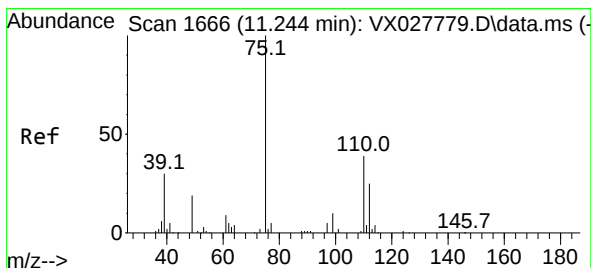
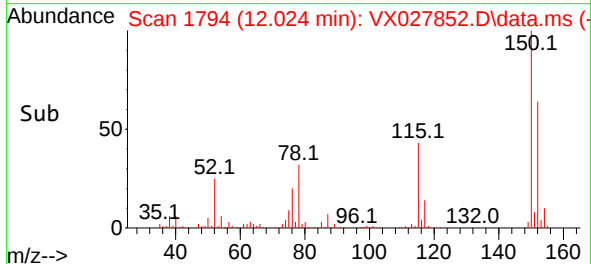
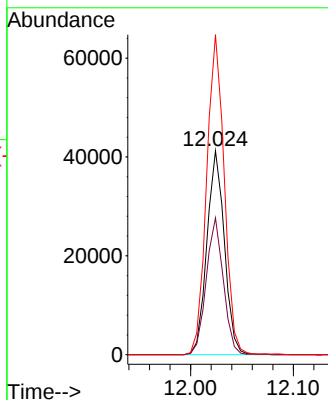
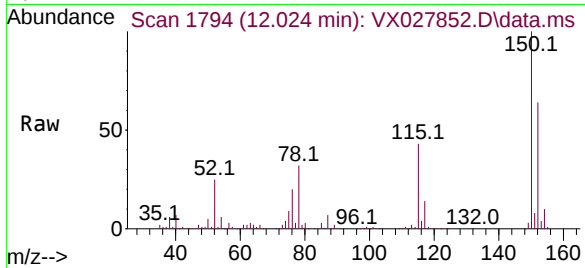




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

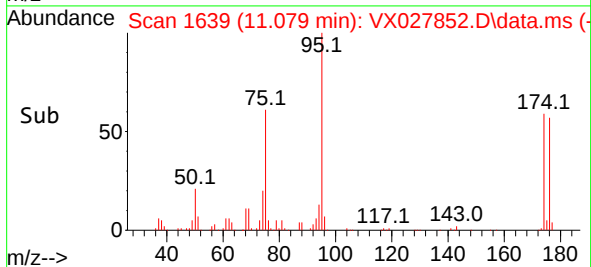
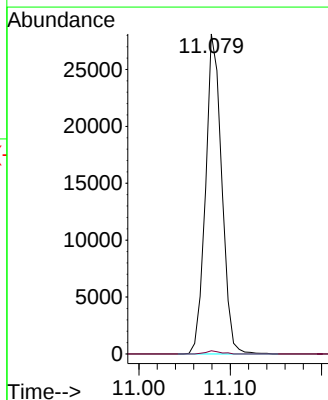
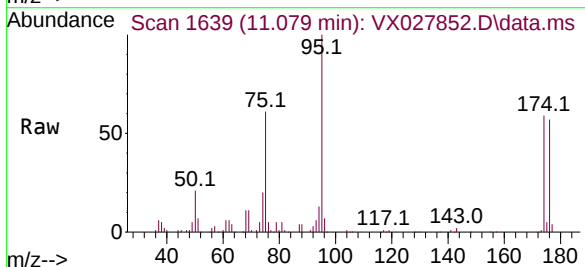
Instrument :
MSVOA_X
ClientSampleId :
EB-01-20220318RE

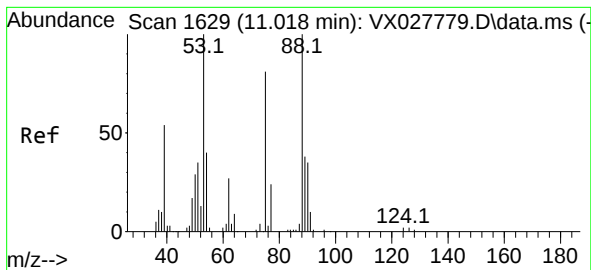
Tgt Ion:152 Resp: 48923
Ion Ratio Lower Upper
152 100
115 65.7 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 30.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027852.D
Acq: 31 Mar 2022 16:53

Tgt Ion: 75 Resp: 34451
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.436 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027852.D
 Acq: 31 Mar 2022 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-20220318RE

Tgt Ion: 75 Resp: 34451
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

