

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027858.D
 Acq On : 31 Mar 2022 19:15
 Operator : JC/MD
 Sample : N2074-17 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321

Quant Time: Apr 01 04:11:15 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)

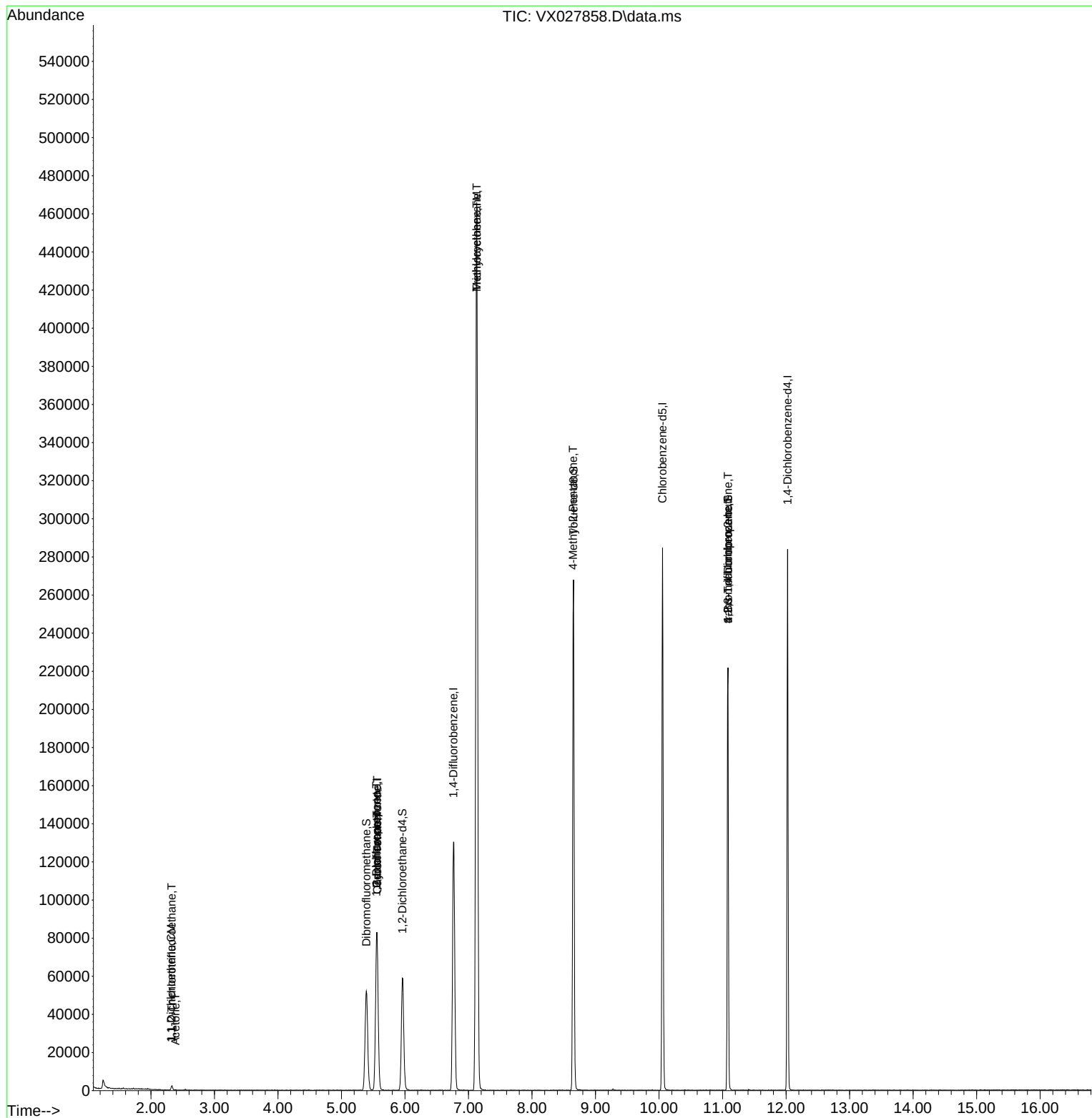
Internal Standards						
1) Pentafluorobenzene	5.556	168	72206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	133838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61071	65.551	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 131.100%		
35) Dibromofluoromethane	5.391	113	45512	52.683	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 105.360%		
50) Toluene-d8	8.653	98	154780	50.922	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.840%		
62) 4-Bromofluorobenzene	11.085	95	60656	46.958	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.920%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.325	101	888	1.313	ug/l	Qvalue 100
12) 1,1-Dichloroethene	2.319	96	154	0.248	ug/l	# 93
16) Acetone	2.386	43	233	0.565	ug/l	# 39
31) Cyclohexane	5.556	56	1960	1.903	ug/l	# 41
36) 1,1-Dichloropropene	5.550	75	6580	6.047	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	8373	6.965	ug/l	# 15
39) Methylcyclohexane	7.129	83	2168	1.693	ug/l	# 1
44) Trichloroethene	7.129	130	178543	199.245	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	789	0.526	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	33712	28.722	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	33712	83.811	ug/l	# 15

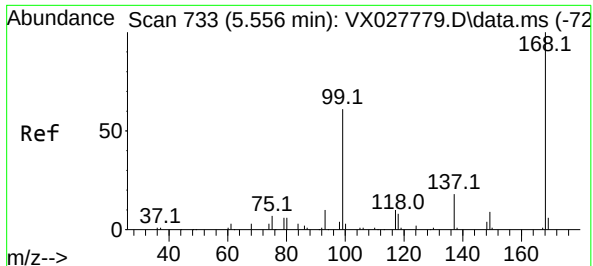
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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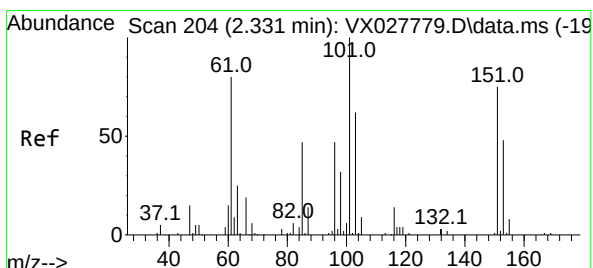
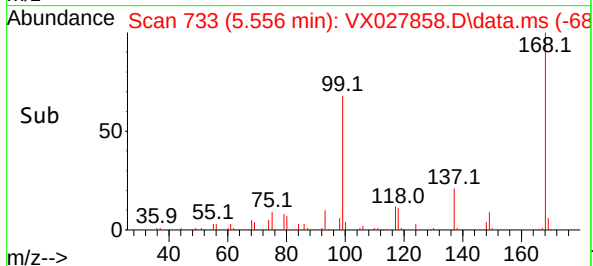
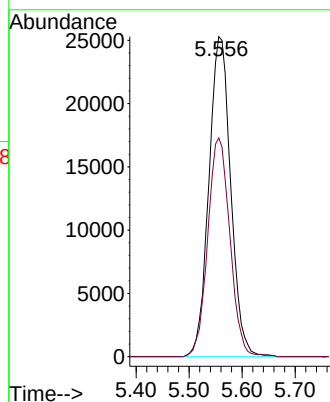
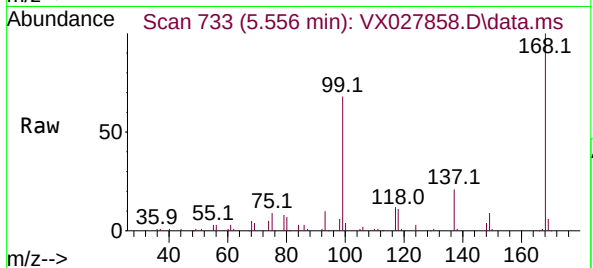




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

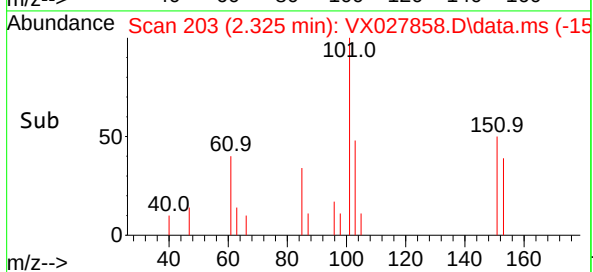
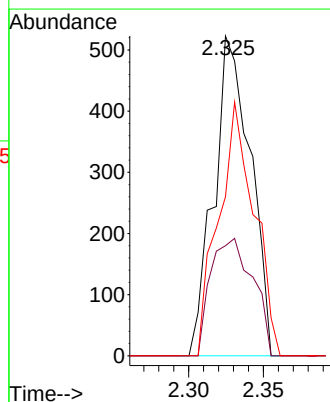
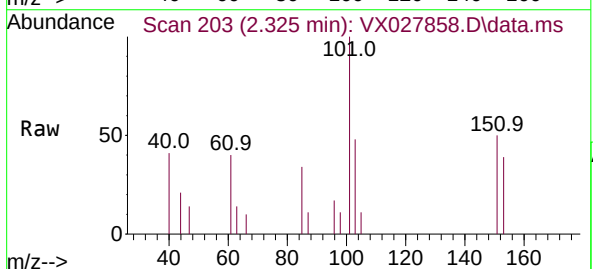
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321

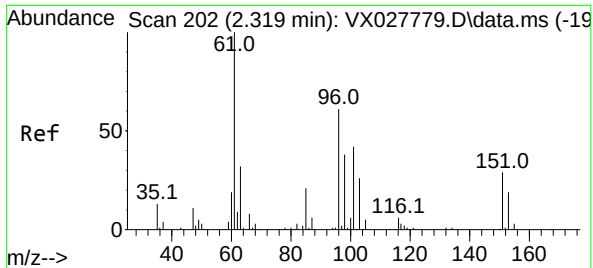
Tgt Ion:168 Resp: 72206
Ion Ratio Lower Upper
168 100
99 68.3 41.7 62.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.313 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

Tgt Ion:101 Resp: 888
Ion Ratio Lower Upper
101 100
85 42.3 33.5 50.3
151 77.3 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.248 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027858.D

Acq: 31 Mar 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220321

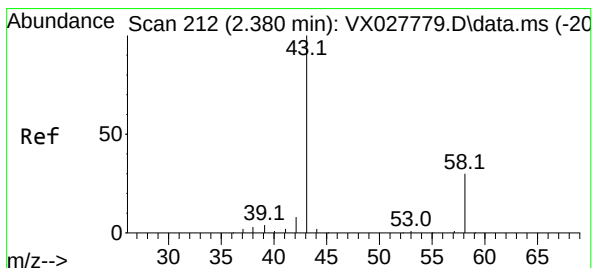
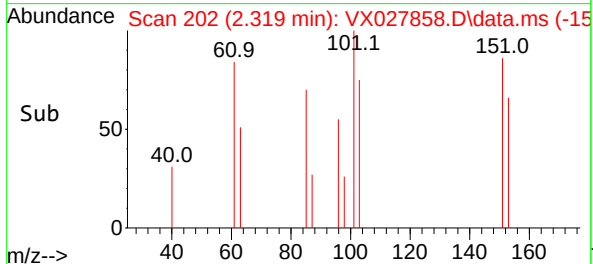
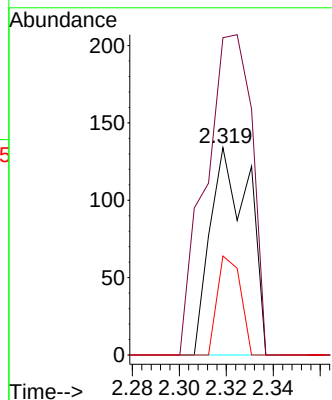
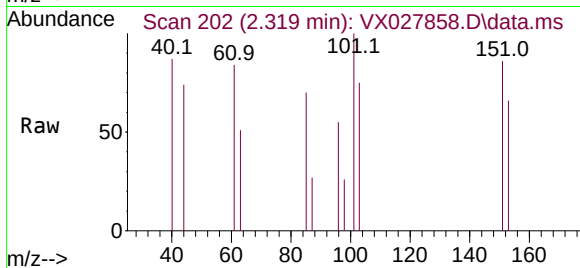
Tgt Ion: 96 Resp: 154

Ion Ratio Lower Upper

96 100

61 153.0 124.6 187.0

98 47.8 51.0 76.4#



#16

Acetone

Concen: 0.565 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027858.D

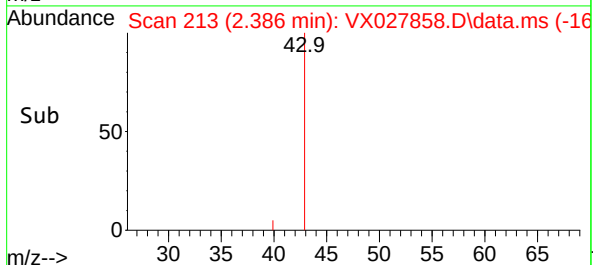
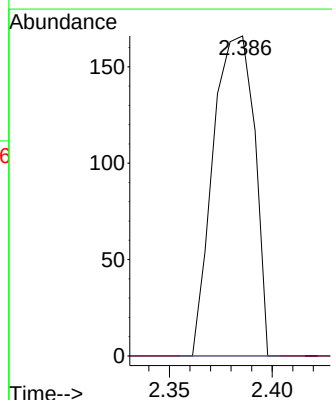
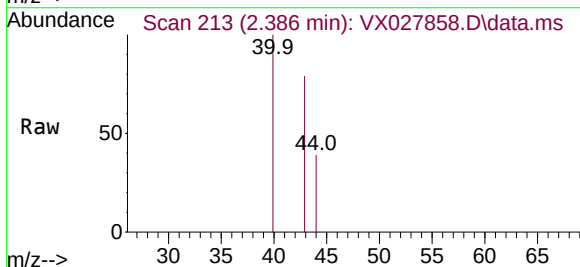
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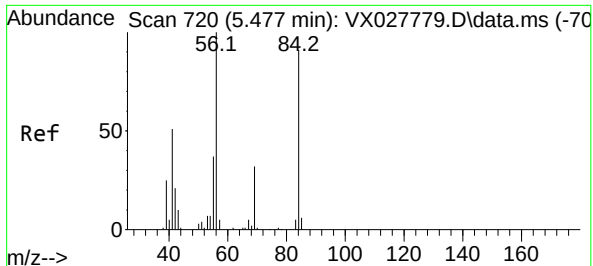
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

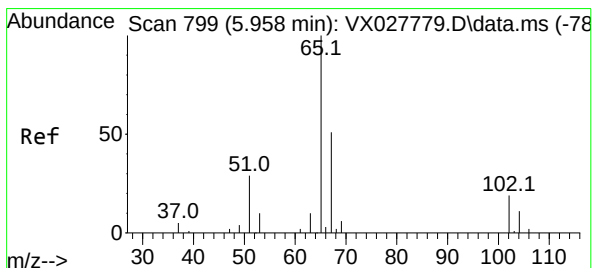
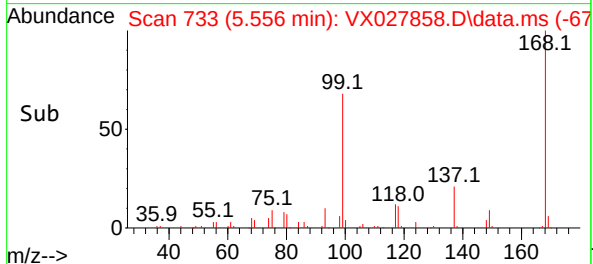
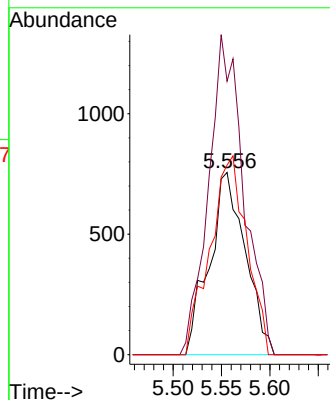
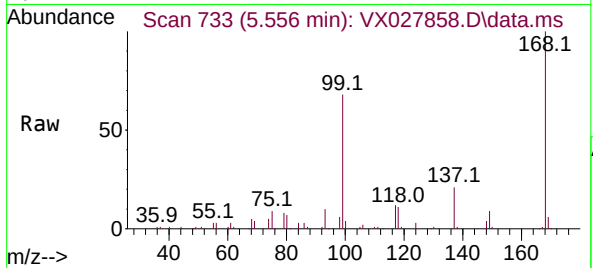




#31
Cyclohexane
Concen: 1.903 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

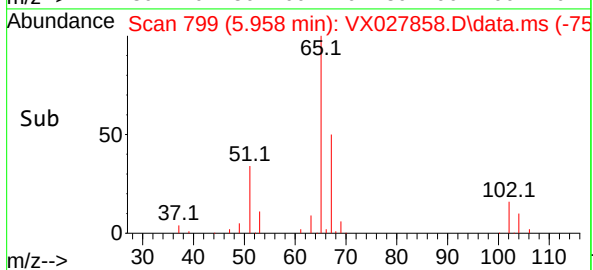
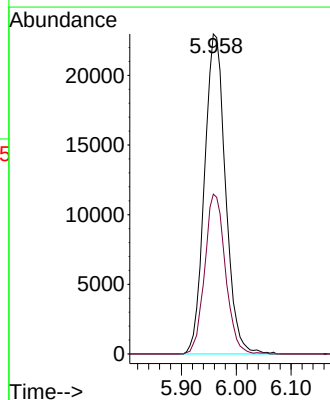
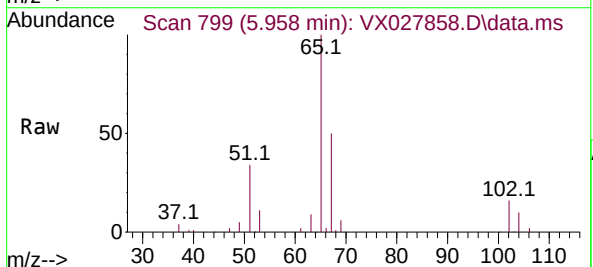
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321

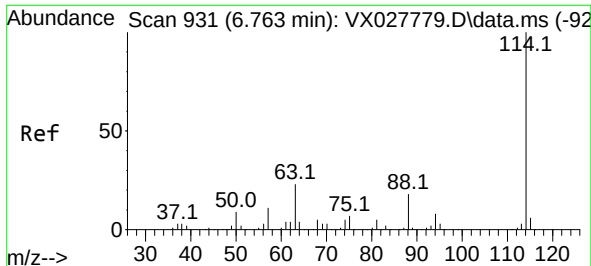
Tgt Ion: 56 Resp: 1960
Ion Ratio Lower Upper
56 100
69 150.1 26.7 40.1#
84 104.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 65.551 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

Tgt Ion: 65 Resp: 61071
Ion Ratio Lower Upper
65 100
67 49.2 0.0 107.4

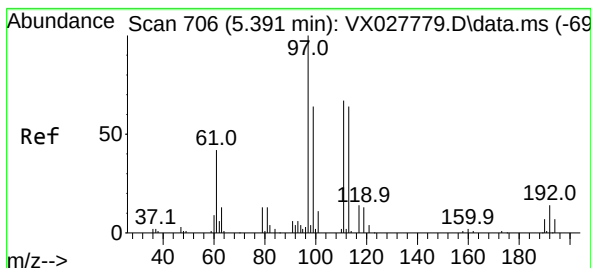
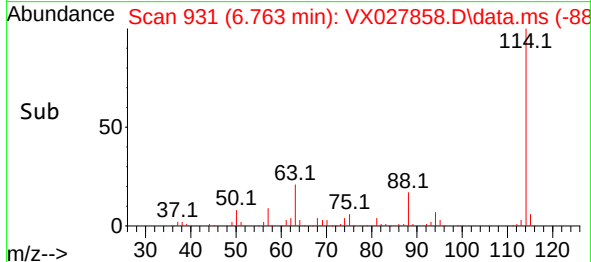
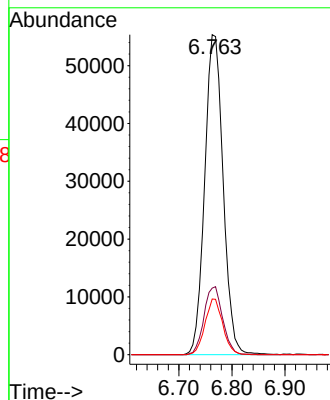
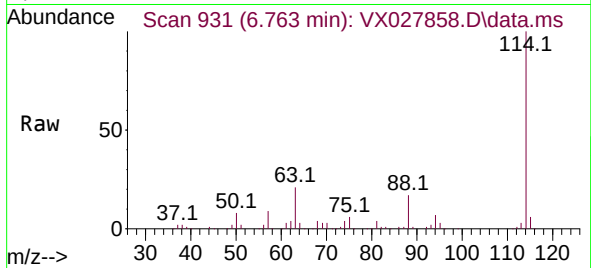




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

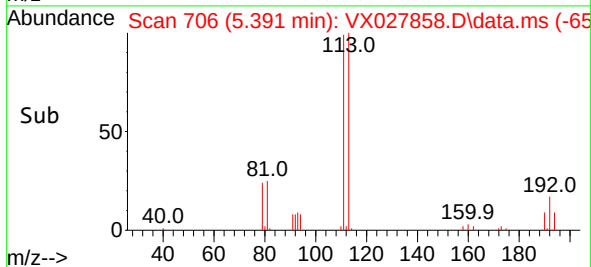
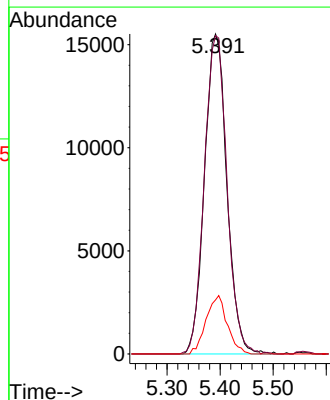
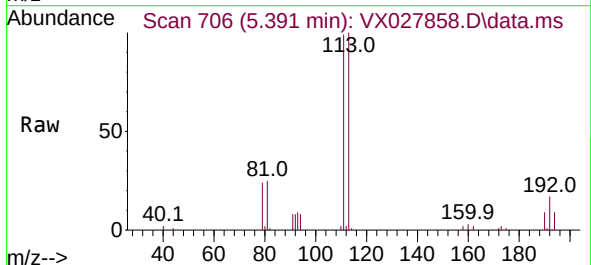
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321

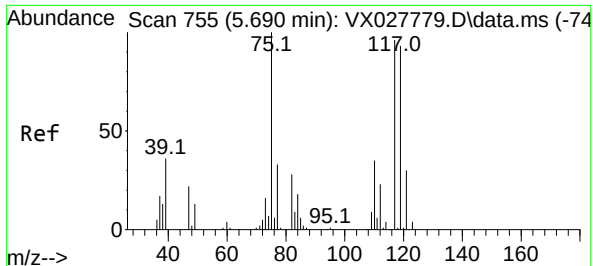
Tgt Ion:114 Resp: 133838
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 17.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.683 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

Tgt Ion:113 Resp: 45512
Ion Ratio Lower Upper
113 100
111 100.6 82.8 124.2
192 17.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.047 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027858.D

Acq: 31 Mar 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220321

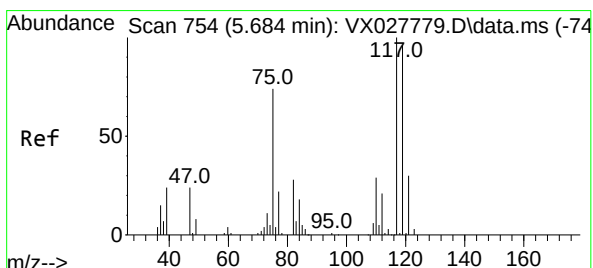
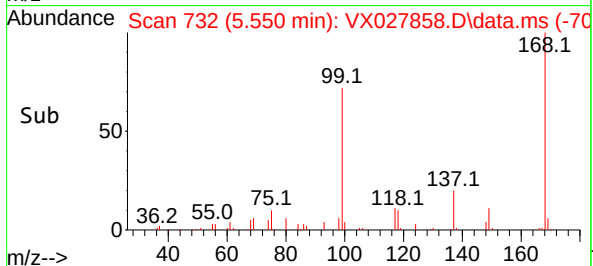
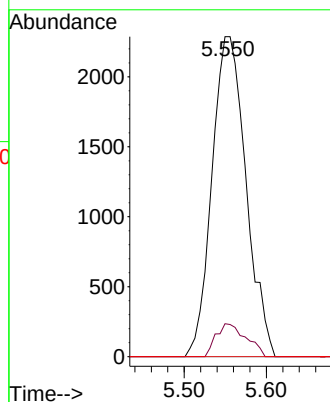
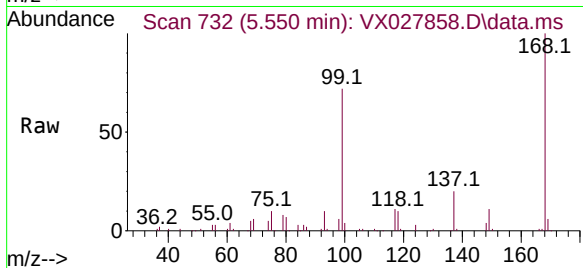
Tgt Ion: 75 Resp: 6580

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.965 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027858.D

Acq: 31 Mar 2022 19:15

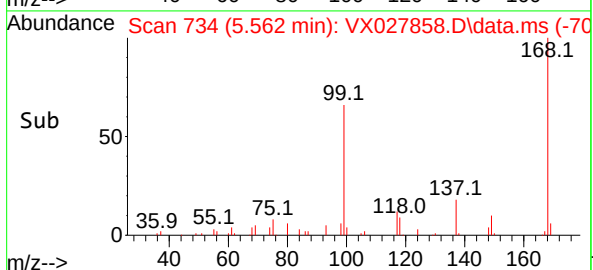
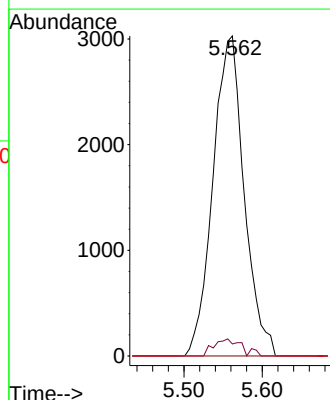
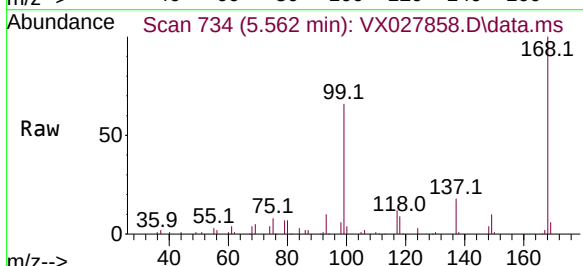
Tgt Ion: 117 Resp: 8373

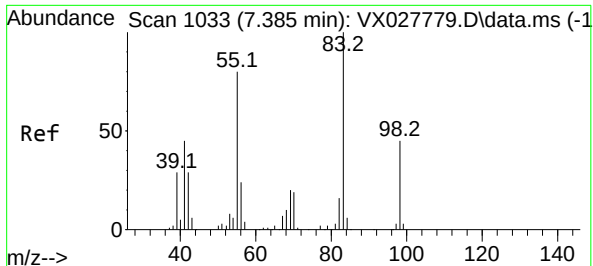
Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.693 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027858.D

Acq: 31 Mar 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220321

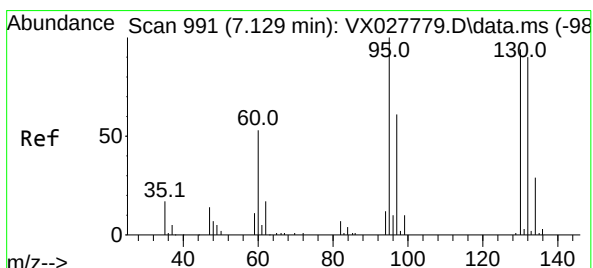
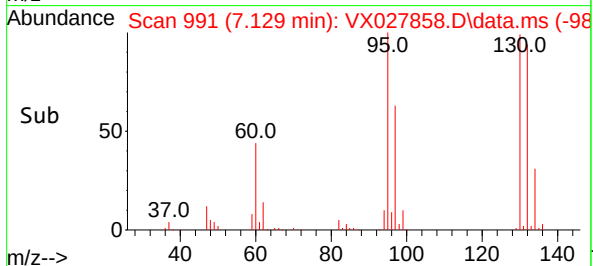
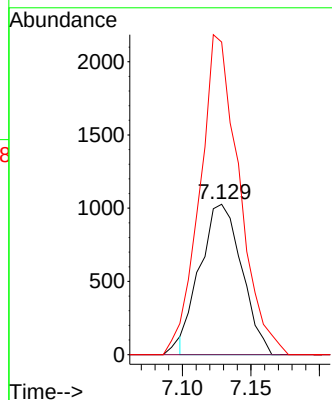
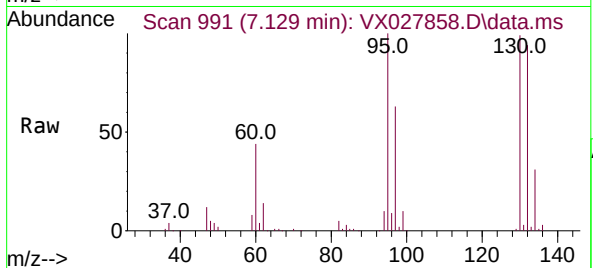
Tgt Ion: 83 Resp: 2168

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 201.7 37.4 56.2#



#44

Trichloroethene

Concen: 199.245 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027858.D

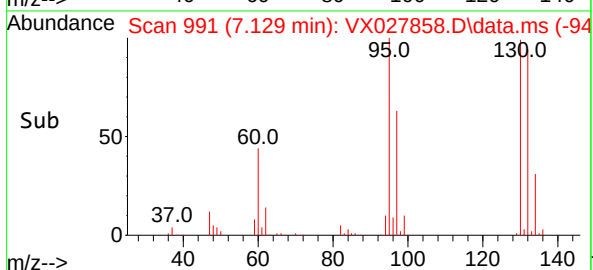
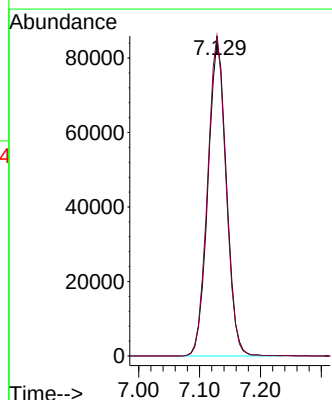
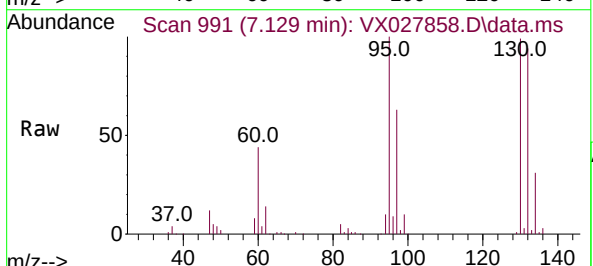
Acq: 31 Mar 2022 19:15

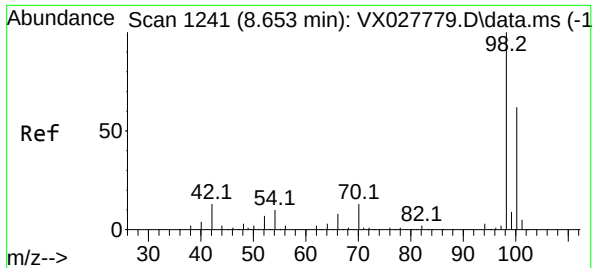
Tgt Ion:130 Resp: 178543

Ion Ratio Lower Upper

130 100

95 101.1 0.0 188.8

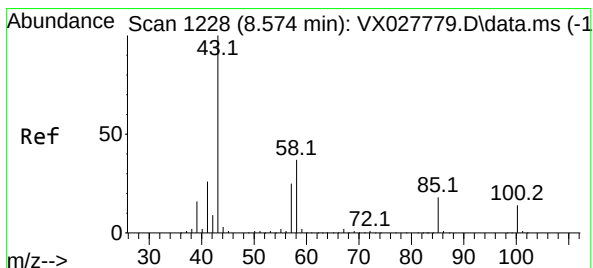
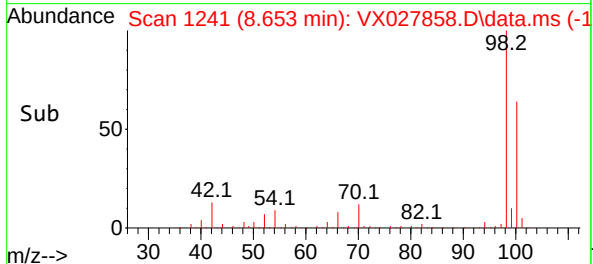
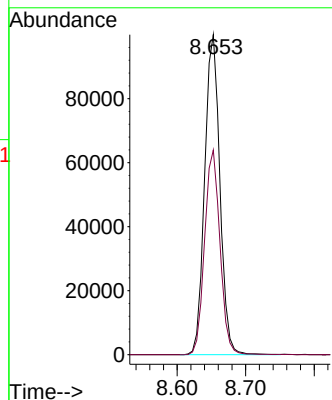
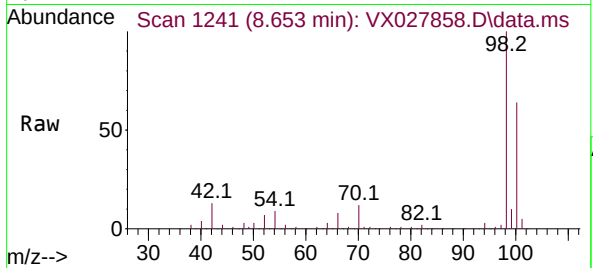




#50
Toluene-d8
Concen: 50.922 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

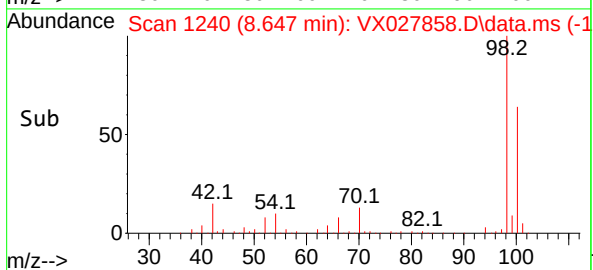
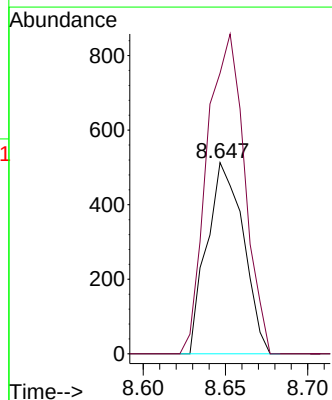
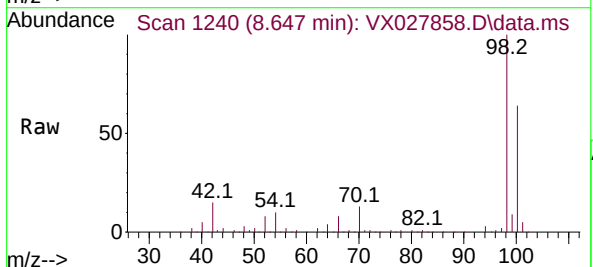
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321

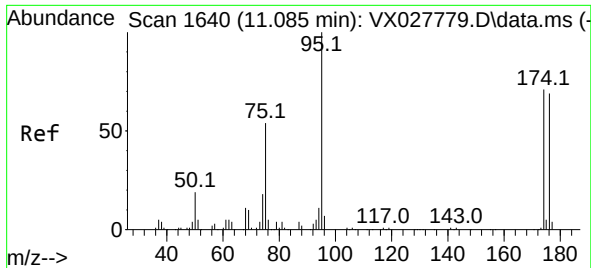
Tgt Ion: 98 Resp: 154780
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 172.8 36.1 54.1#

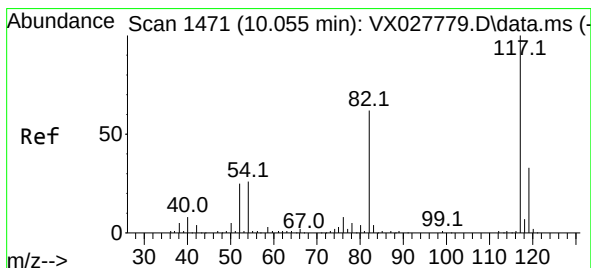
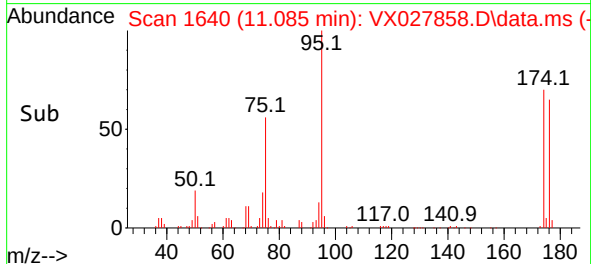
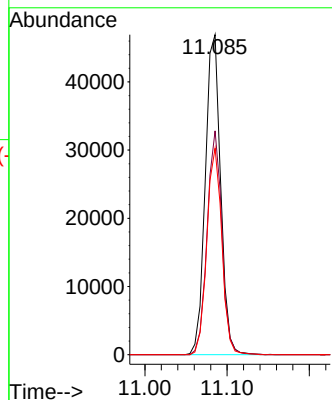
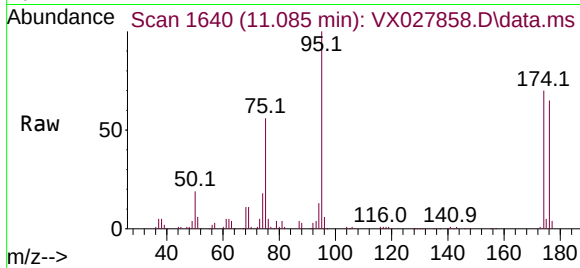




#62
4-Bromofluorobenzene
Concen: 46.958 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

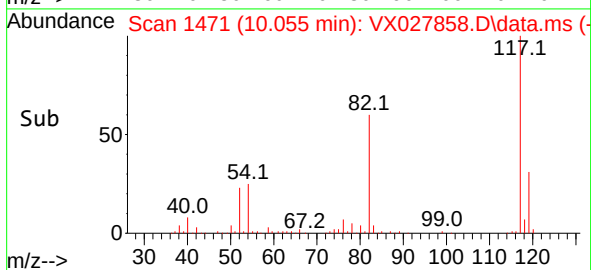
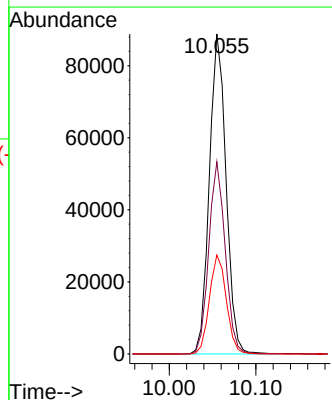
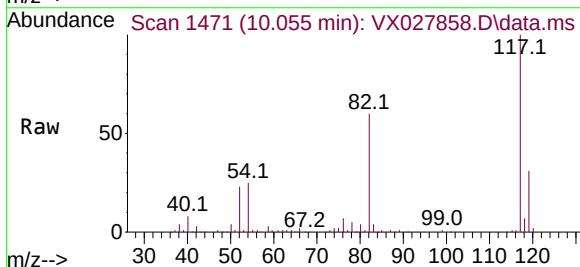
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321

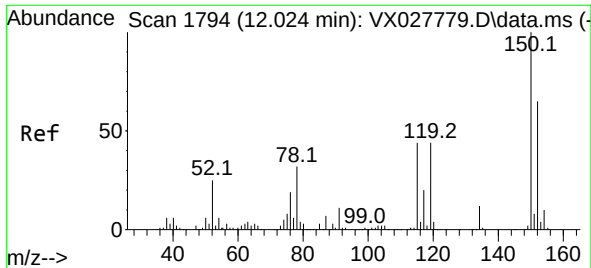
Tgt Ion: 95 Resp: 60656
Ion Ratio Lower Upper
95 100
174 67.5 0.0 163.0
176 63.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027858.D
Acq: 31 Mar 2022 19:15

Tgt Ion: 117 Resp: 119034
Ion Ratio Lower Upper
117 100
82 60.1 41.8 62.8
119 30.9 24.8 37.2

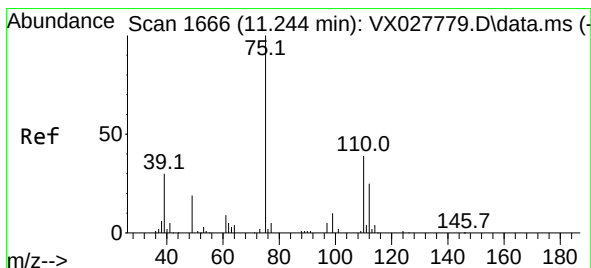
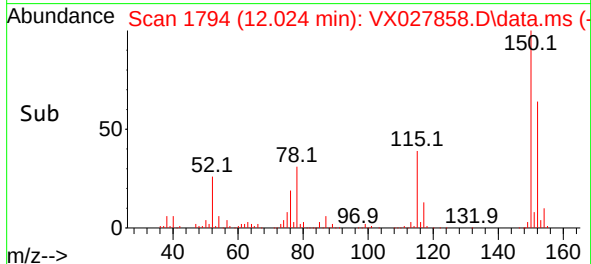
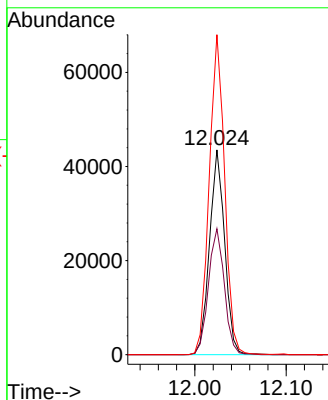
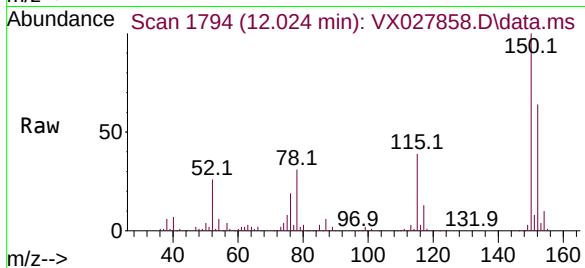




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027858.D
 Acq: 31 Mar 2022 19:15

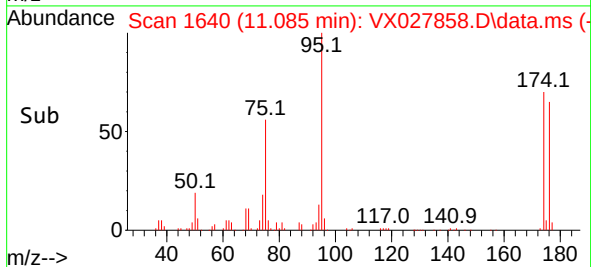
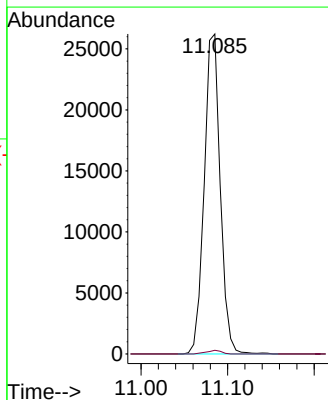
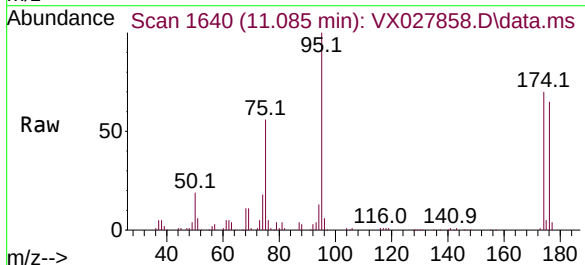
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321

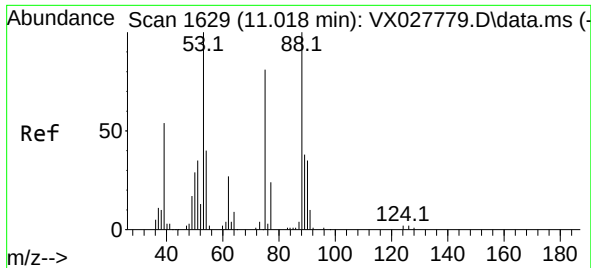
Tgt Ion:152 Resp: 50034
 Ion Ratio Lower Upper
 152 100
 115 64.6 37.5 112.7
 150 158.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.722 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027858.D
 Acq: 31 Mar 2022 19:15

Tgt Ion: 75 Resp: 33712
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.811 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027858.D
 Acq: 31 Mar 2022 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321

Tgt Ion: 75 Resp: 33712
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

