

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027808.D
 Acq On : 30 Mar 2022 14:17
 Operator : JC/MD
 Sample : N2041-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20220318

Quant Time: Mar 31 05:48:40 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)

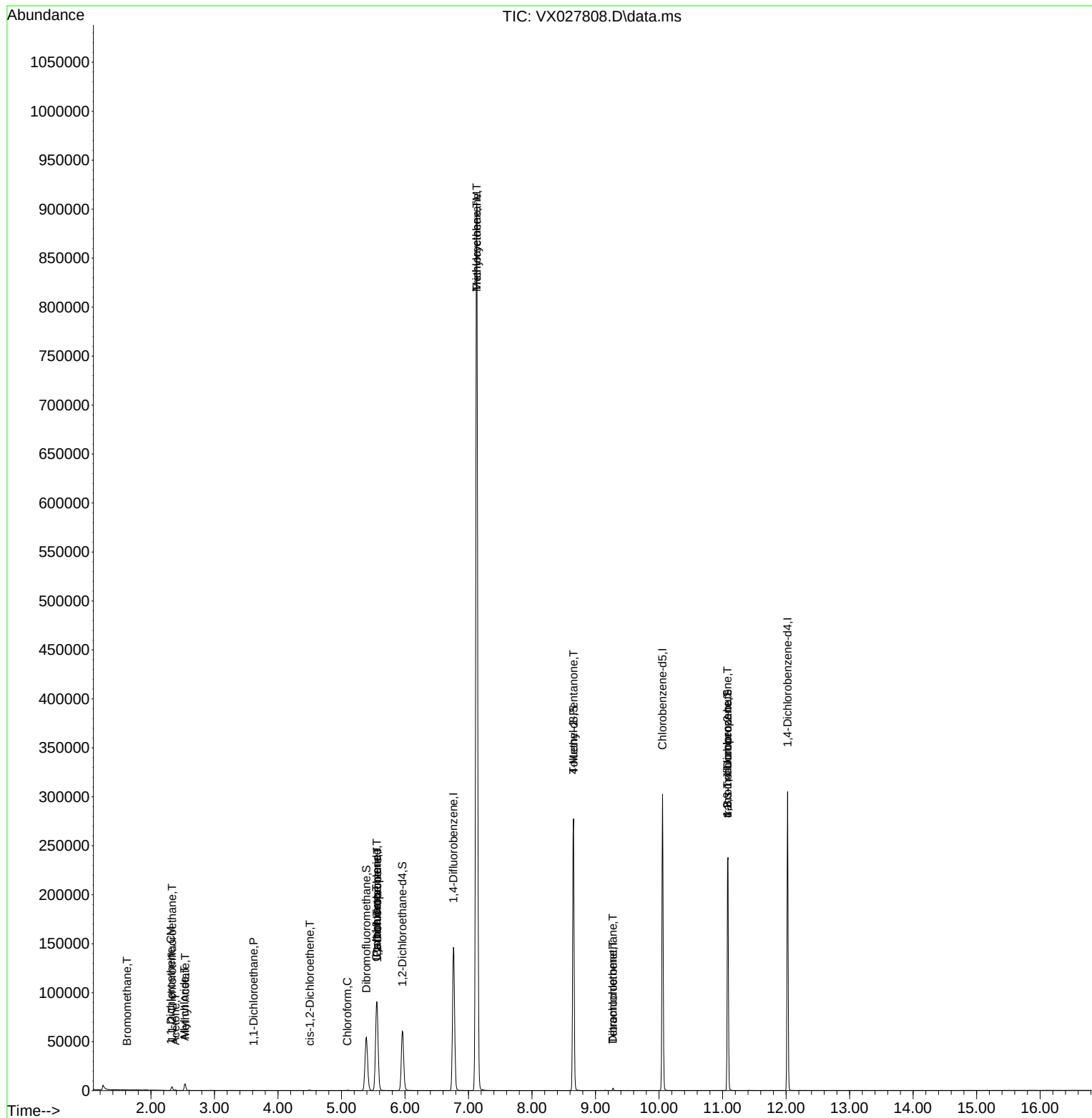
Internal Standards						
1) Pentafluorobenzene	5.556	168	84091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61711	56.876	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.760%			
35) Dibromofluoromethane	5.391	113	47937	52.170	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.340%			
50) Toluene-d8	8.653	98	170541	52.750	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.500%			
62) 4-Bromofluorobenzene	11.079	95	64814	47.175	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.360%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	147	0.472	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1432	1.819	ug/l #	90
12) 1,1-Dichloroethene	2.312	96	241	0.334	ug/l #	74
14) Allyl chloride	2.526	41	766	0.578	ug/l #	29
16) Acetone	2.386	43	684	1.424	ug/l	96
18) Methyl Acetate	2.538	43	2106	1.779	ug/l #	46
24) 1,1-Dichloroethane	3.617	63	420	0.281	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	192	0.203	ug/l #	19
30) Chloroform	5.092	83	572	0.344	ug/l #	78
31) Cyclohexane	5.550	56	1750	1.459	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	6635	5.733	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8949	6.999	ug/l #	15
39) Methylcyclohexane	7.129	83	4007	2.942	ug/l #	1
44) Trichloroethene	7.129	130	322451	338.310	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	631	0.396	ug/l #	1
60) Dibromochloromethane	9.275	129	419	0.412	ug/l #	9
64) Tetrachloroethene	9.275	164	476	0.524	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	37676	30.157	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37676	87.823	ug/l #	15

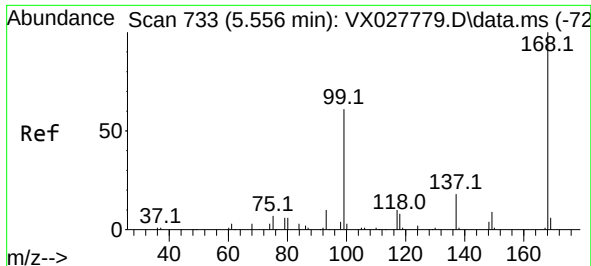
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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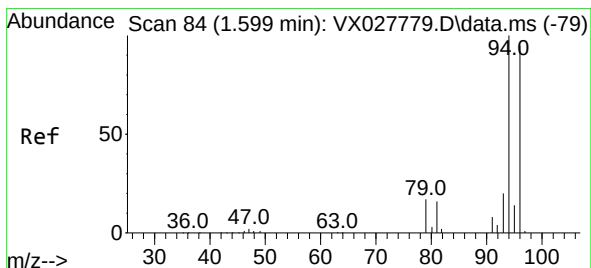
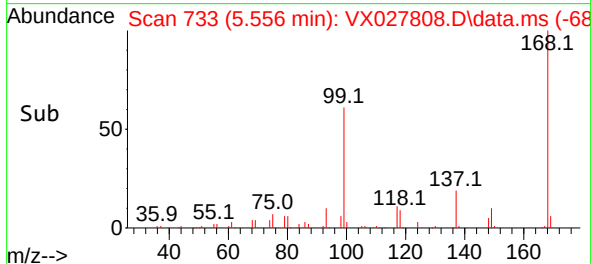
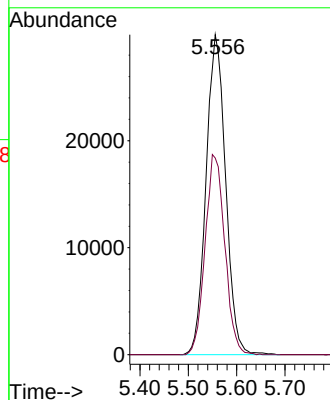
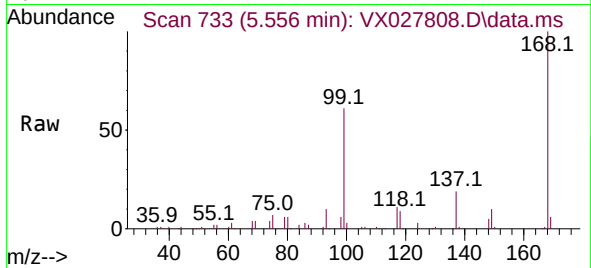




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

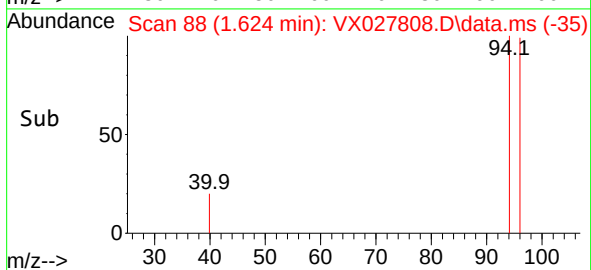
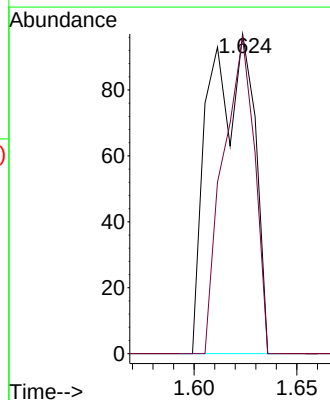
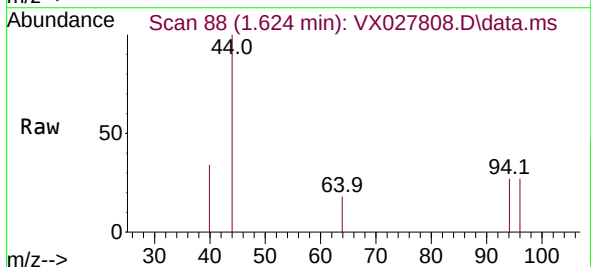
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

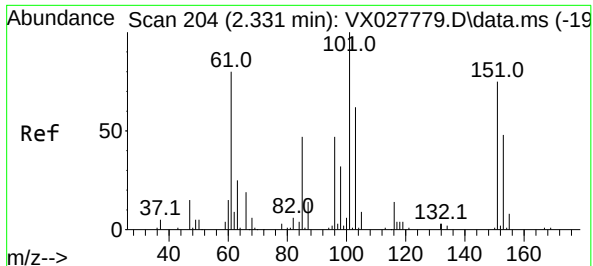
Tgt Ion:168 Resp: 84091
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#5
Bromomethane
Concen: 0.472 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 99.0 75.3 112.9

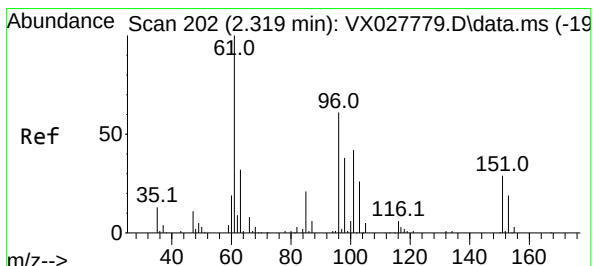
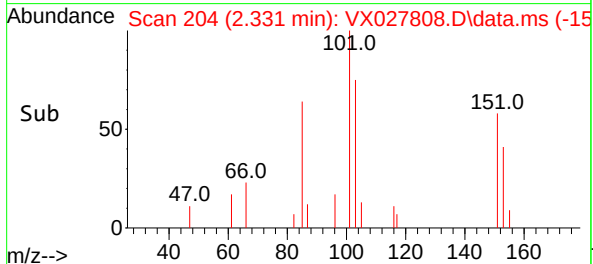
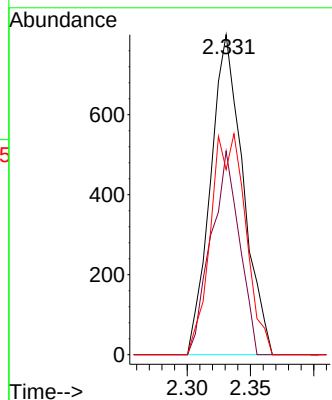
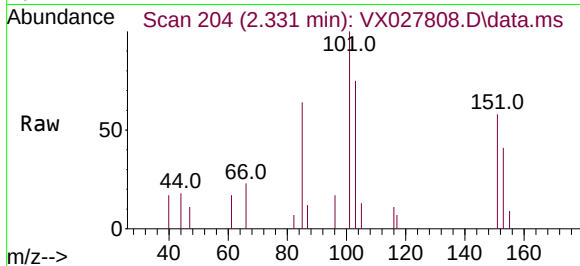




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.819 ug/l
RT: 2.331 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

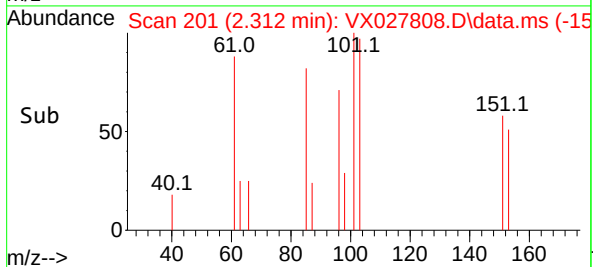
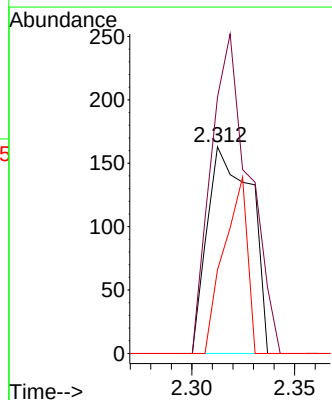
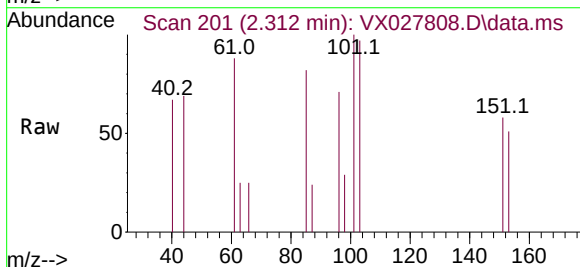
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

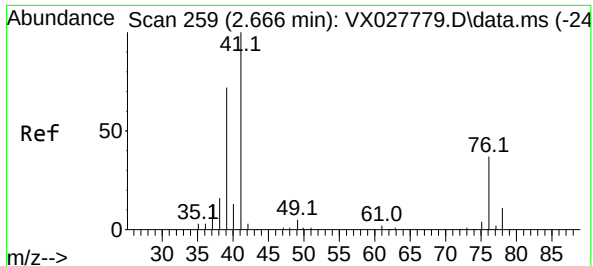
Tgt Ion:101 Resp: 1432
Ion Ratio Lower Upper
101 100
85 55.4 33.5 50.3#
151 74.0 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.334 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

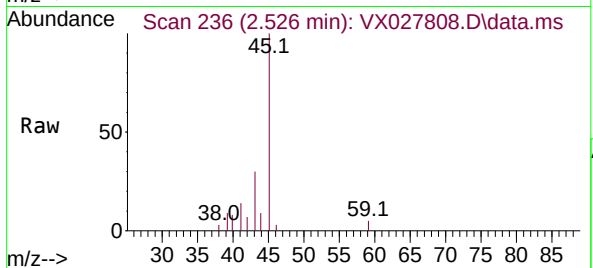
Tgt Ion: 96 Resp: 241
Ion Ratio Lower Upper
96 100
61 123.9 124.6 187.0#
98 40.5 51.0 76.4#



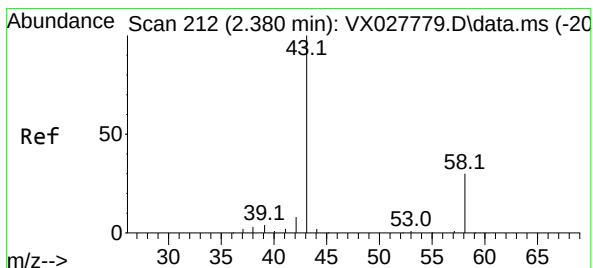
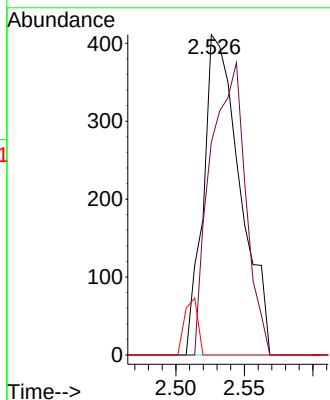
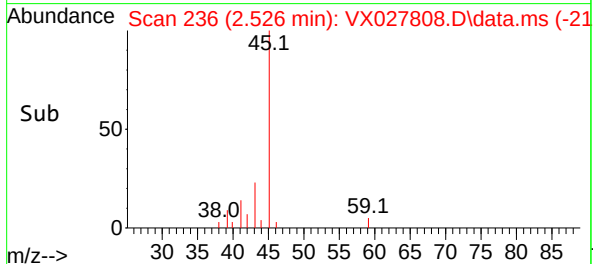


#14
 Allyl chloride
 Concen: 0.578 ug/l
 RT: 2.526 min Scan# 213
 Delta R.T. -0.140 min
 Lab File: VX027808.D
 Acq: 30 Mar 2022 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20220318

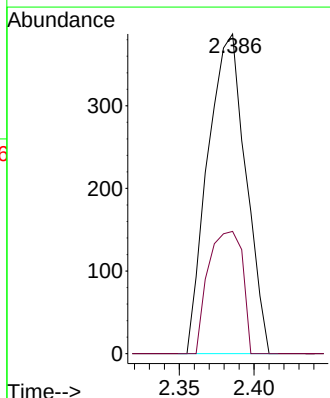
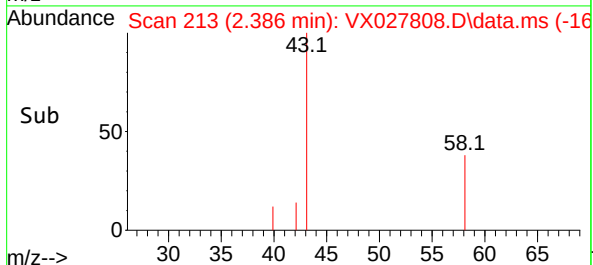
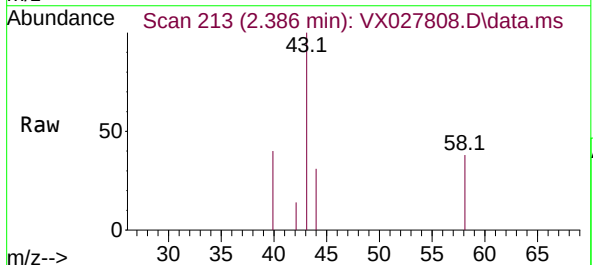


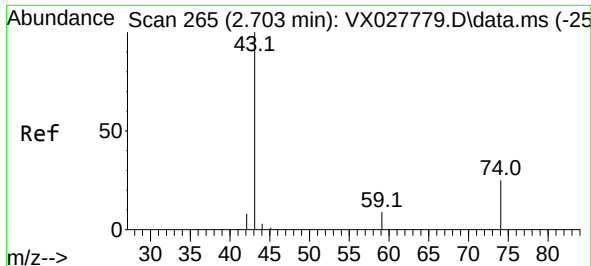
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.4	75.6#
76	6.4	32.7	49.1#



#16
 Acetone
 Concen: 1.424 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX027808.D
 Acq: 30 Mar 2022 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	28.8	43.2





#18

Methyl Acetate

Concen: 1.779 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.165 min

Lab File: VX027808.D

Acq: 30 Mar 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

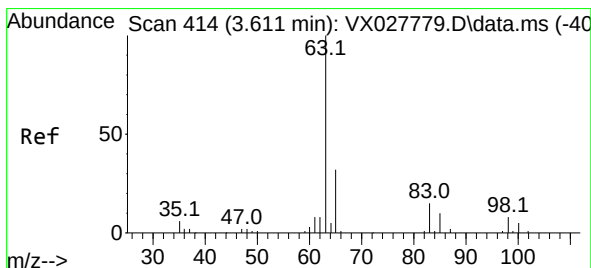
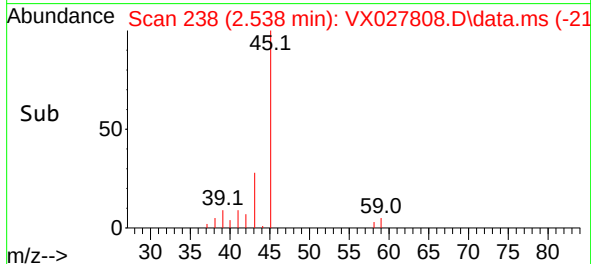
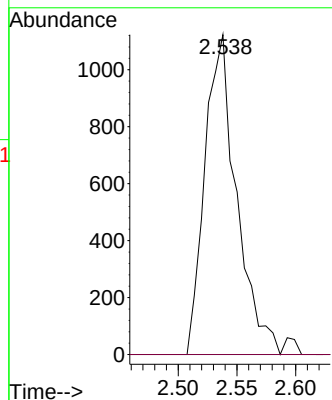
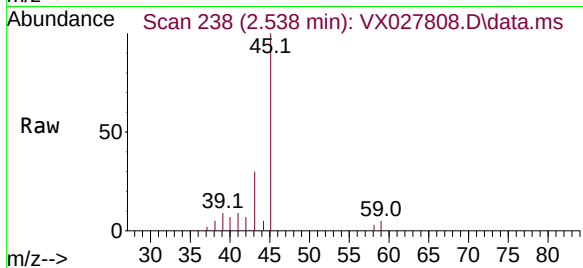
RE103D2-20220318

Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#24

1,1-Dichloroethane

Concen: 0.281 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX027808.D

Acq: 30 Mar 2022 14:17

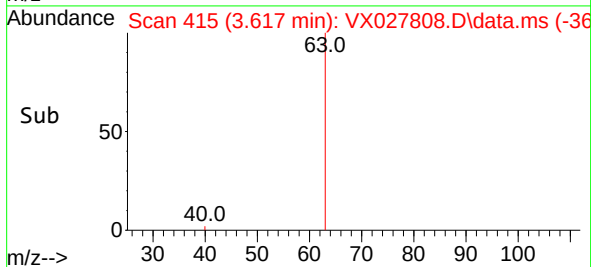
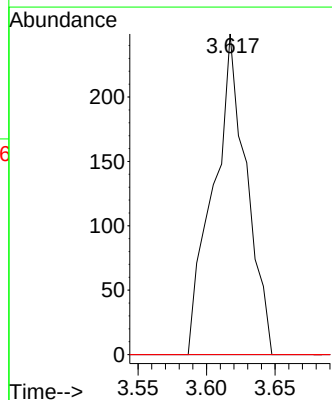
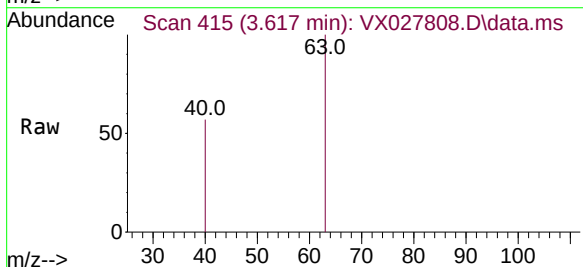
Tgt Ion: 63 Resp: 420

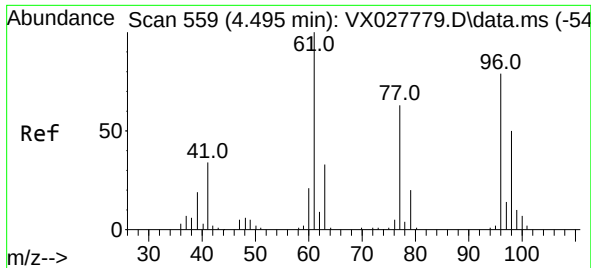
Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 0.203 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX027808.D

Acq: 30 Mar 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20220318

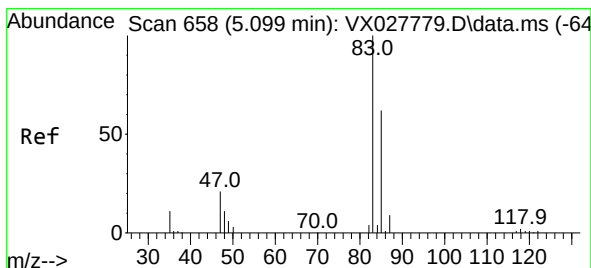
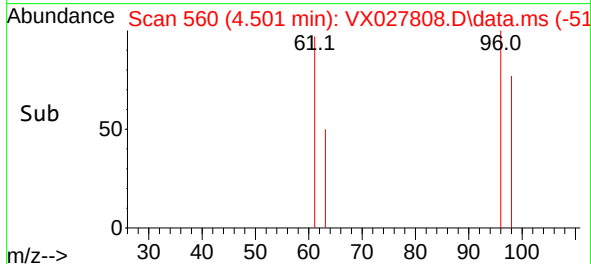
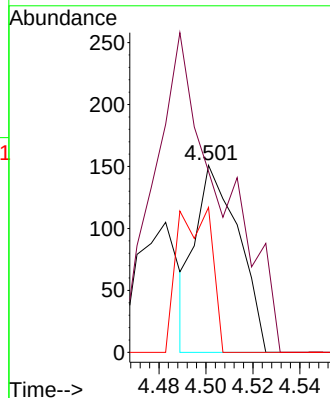
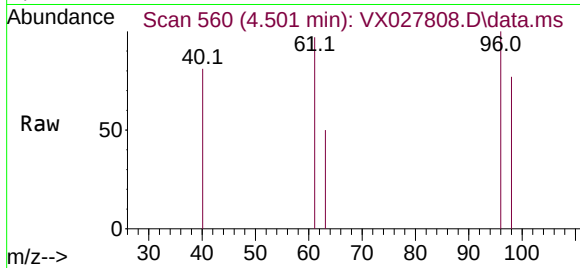
Tgt Ion: 96 Resp: 192

Ion Ratio Lower Upper

96 100

61 0.0 0.0 283.8

98 61.5 0.0 129.8



#30

Chloroform

Concen: 0.344 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.007 min

Lab File: VX027808.D

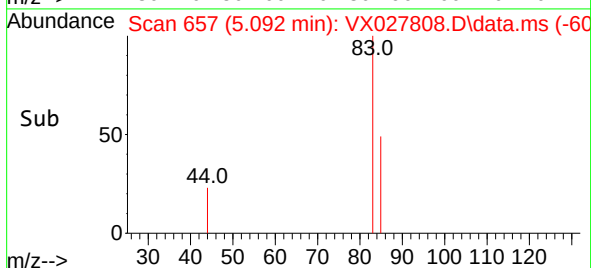
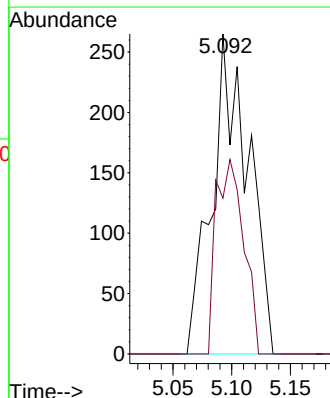
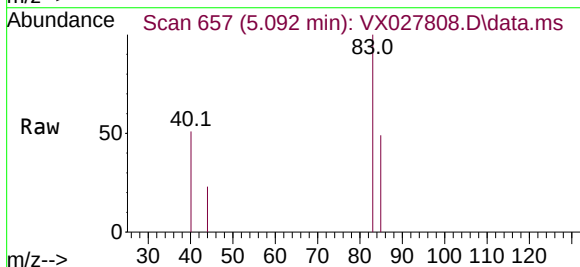
Acq: 30 Mar 2022 14:17

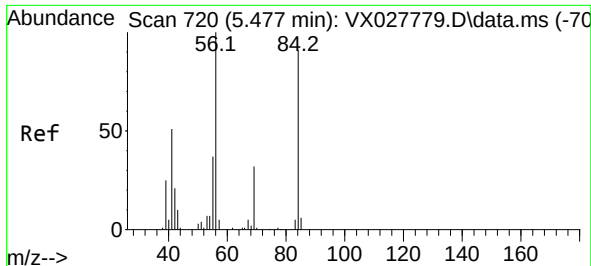
Tgt Ion: 83 Resp: 572

Ion Ratio Lower Upper

83 100

85 48.7 52.7 79.1#

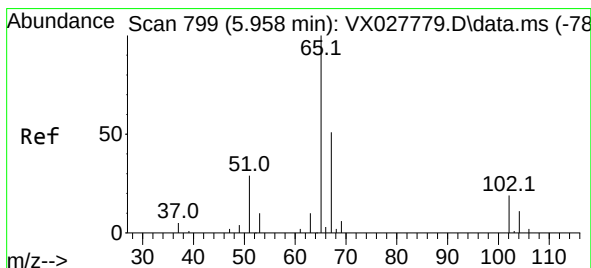
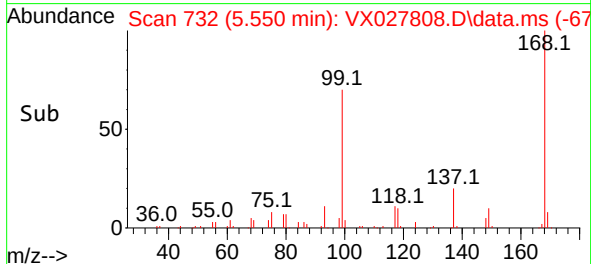
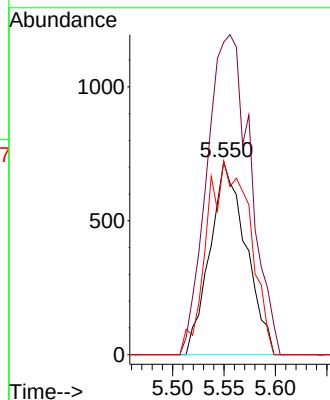
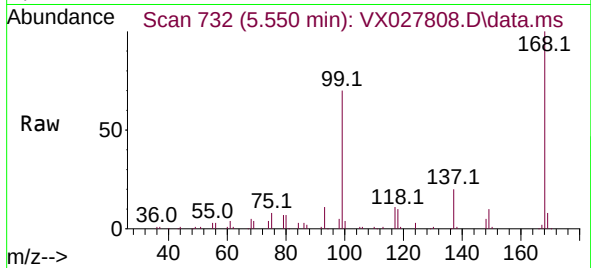




#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

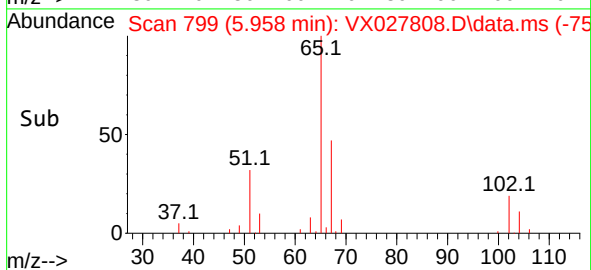
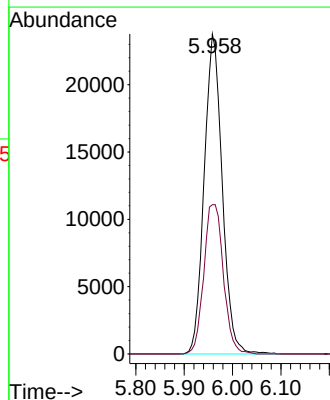
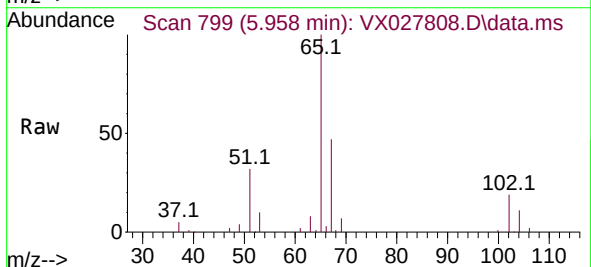
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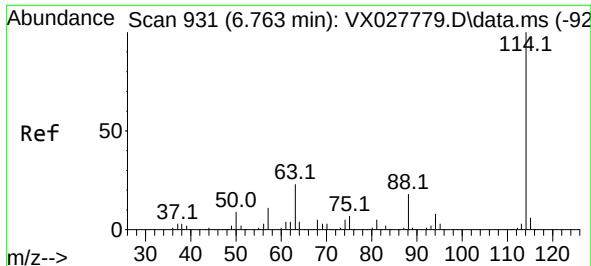
Tgt Ion: 56 Resp: 1750
Ion Ratio Lower Upper
56 100
69 162.1 26.7 40.1#
84 100.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 56.876 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion: 65 Resp: 61711
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.4

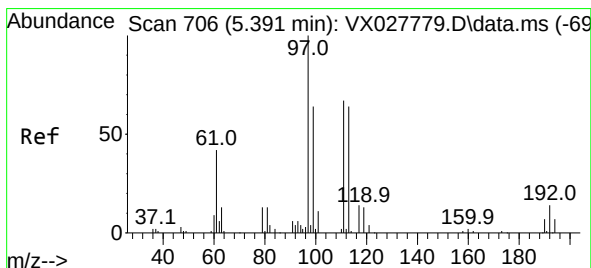
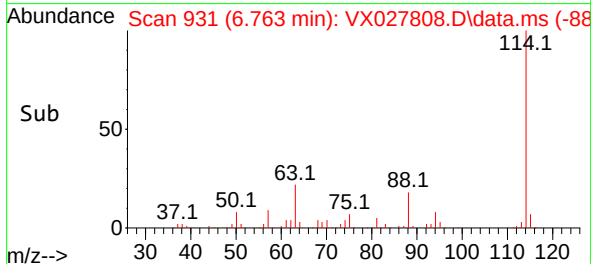
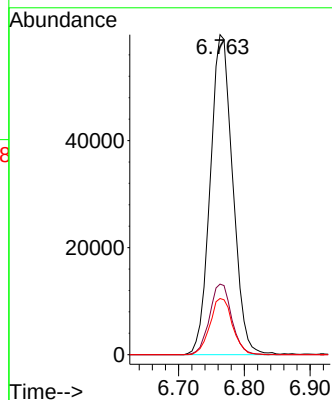
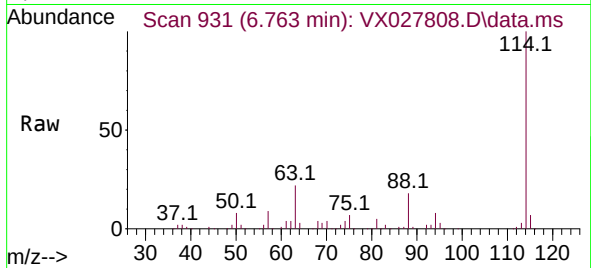




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

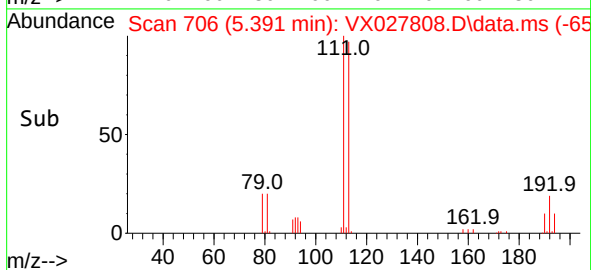
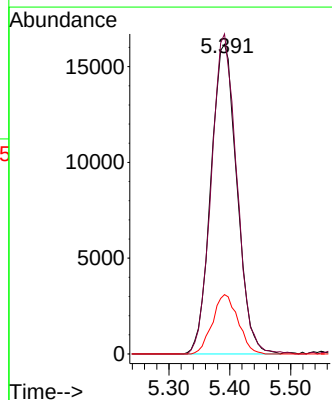
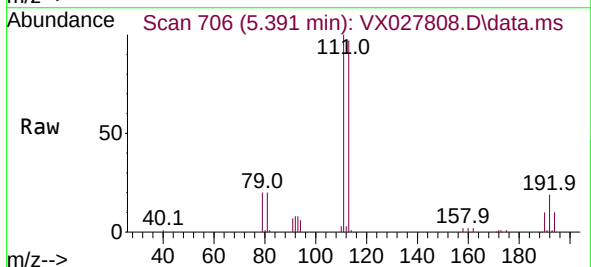
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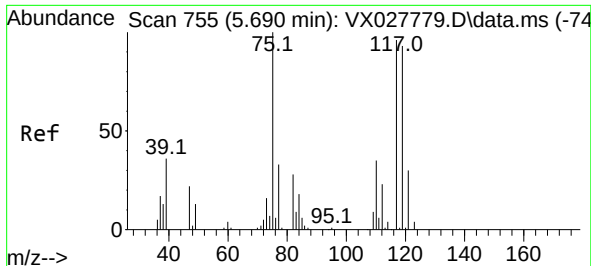
Tgt Ion:114 Resp: 142355
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion:113 Resp: 47937
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 18.8 16.9 25.3

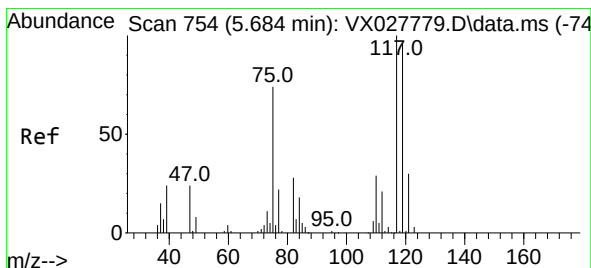
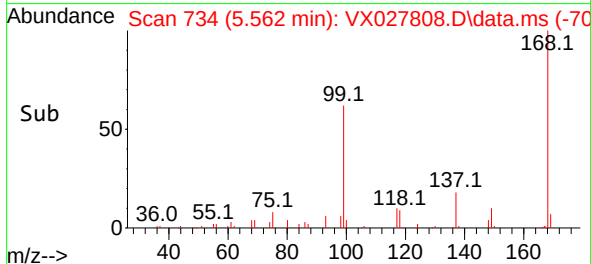
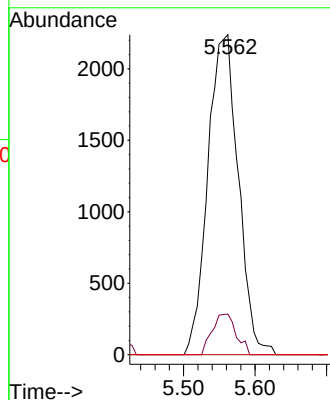
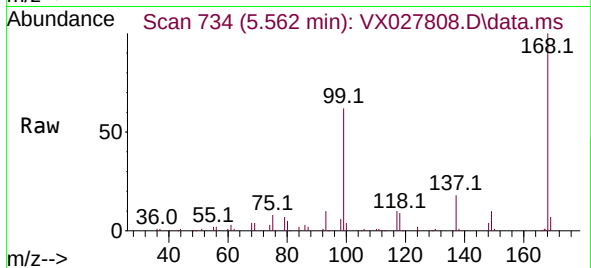




#36
1,1-Dichloropropene
Concen: 5.733 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

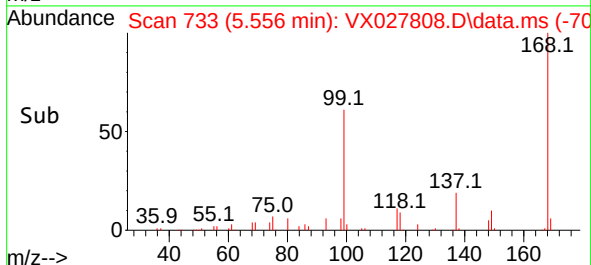
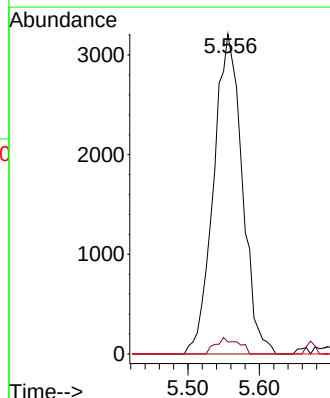
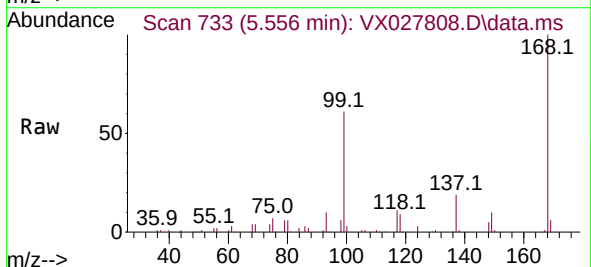
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

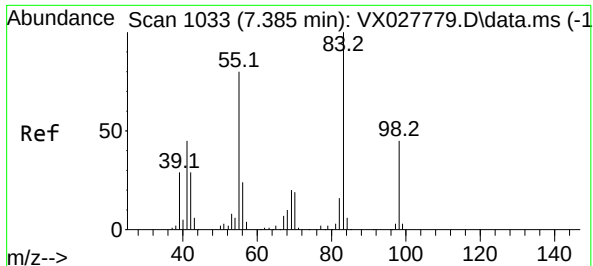
Tgt Ion: 75 Resp: 6635
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.999 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion: 117 Resp: 8949
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.942 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027808.D

Acq: 30 Mar 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20220318

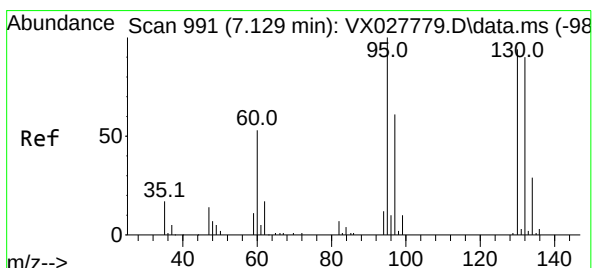
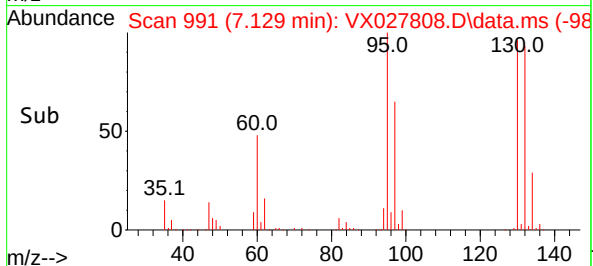
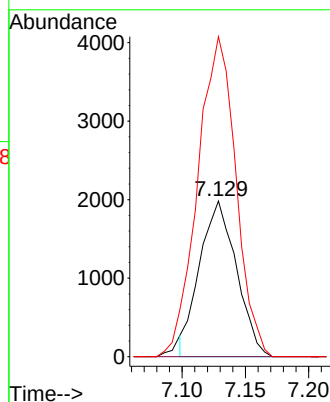
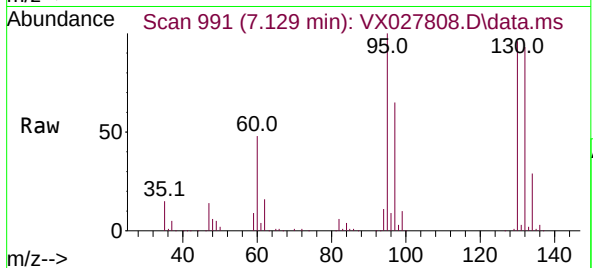
Tgt Ion: 83 Resp: 4007

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 205.4 37.4 56.2#



#44

Trichloroethene

Concen: 338.310 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027808.D

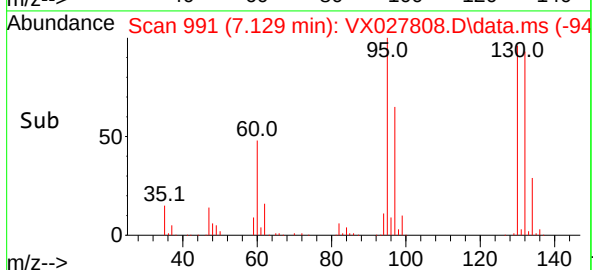
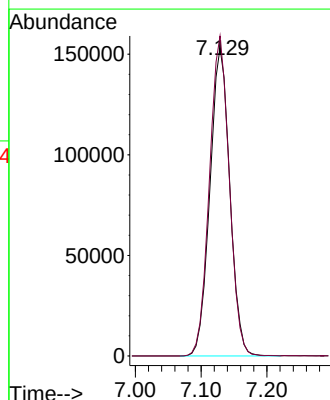
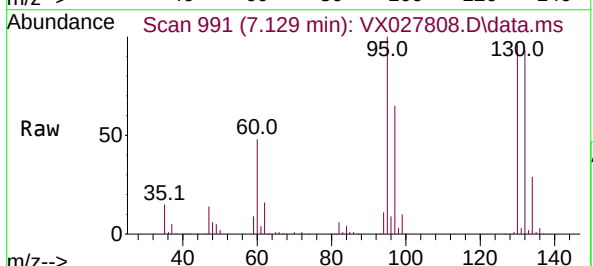
Acq: 30 Mar 2022 14:17

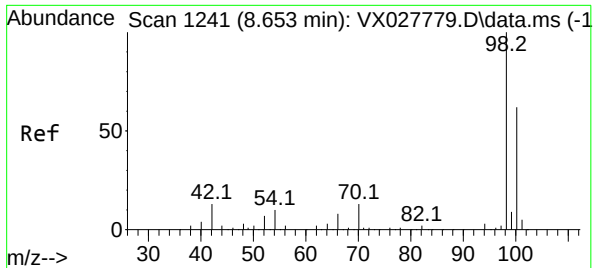
Tgt Ion:130 Resp: 322451

Ion Ratio Lower Upper

130 100

95 103.8 0.0 188.8

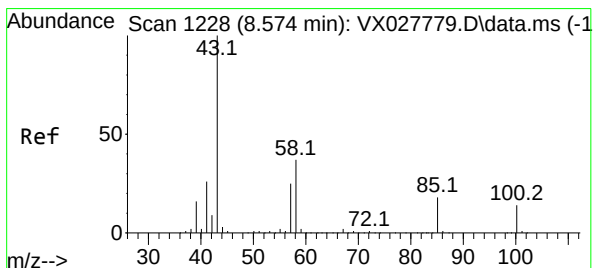
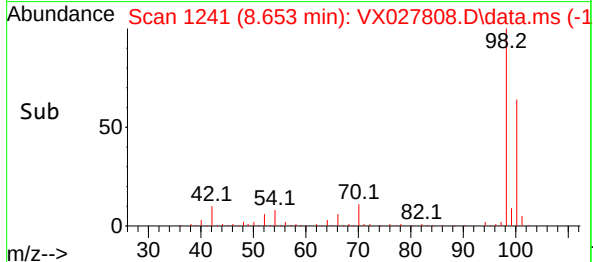
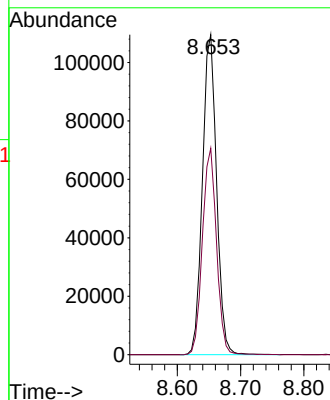
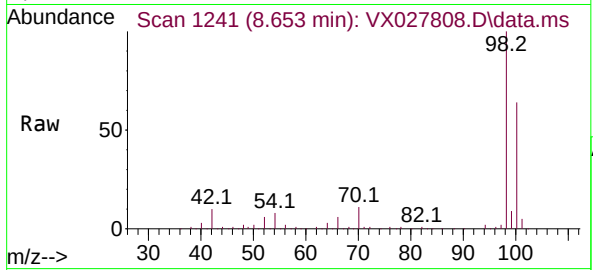




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

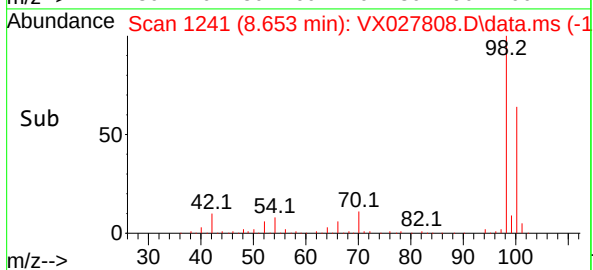
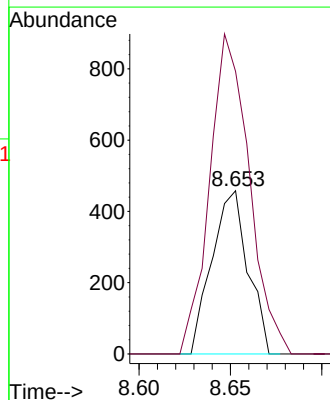
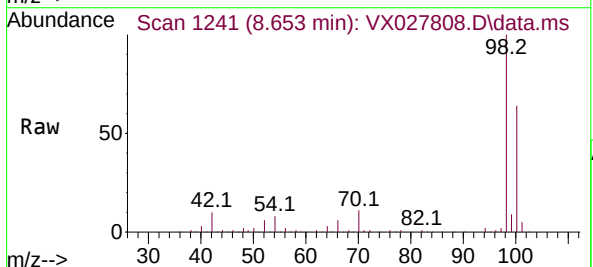
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

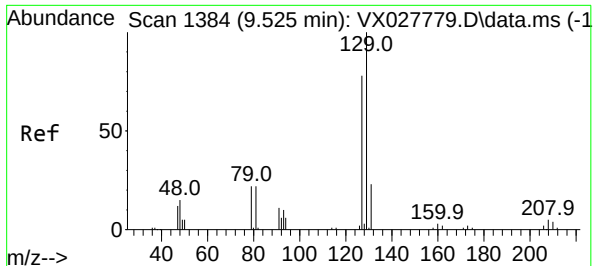
Tgt Ion: 98 Resp: 170541
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 214.7 36.1 54.1#

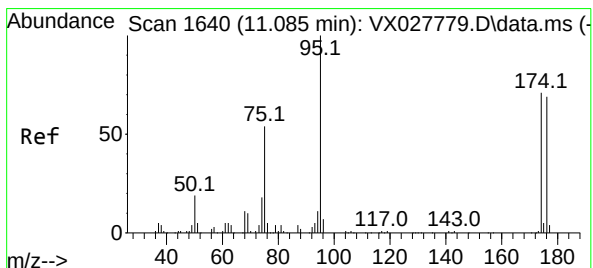
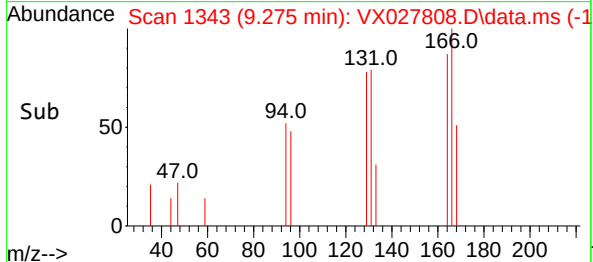
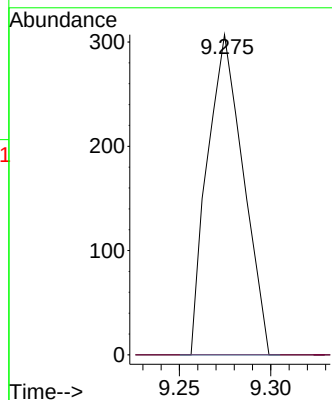
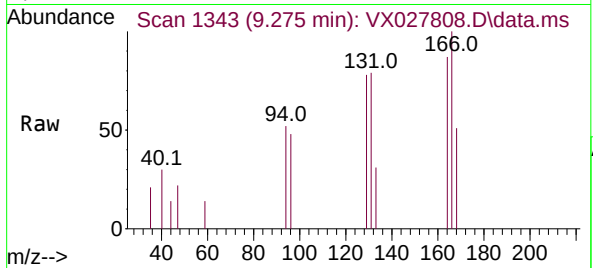




#60
Dibromochloromethane
Concen: 0.412 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

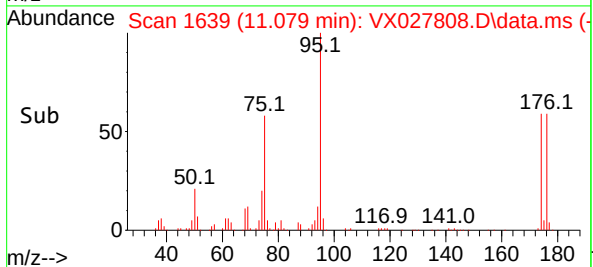
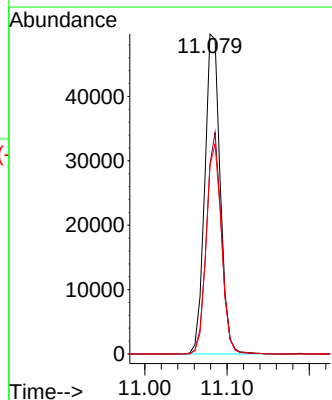
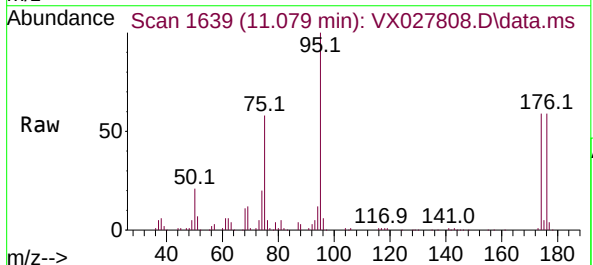
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

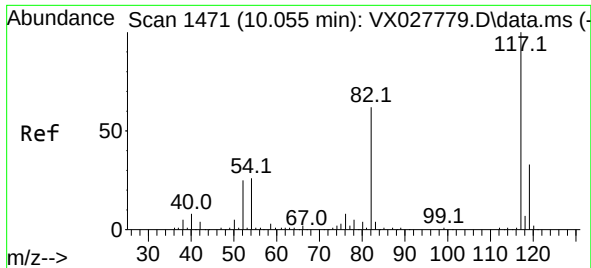
Tgt Ion:129 Resp: 419
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 47.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion: 95 Resp: 64814
Ion Ratio Lower Upper
95 100
174 66.7 0.0 163.0
176 65.0 0.0 155.0

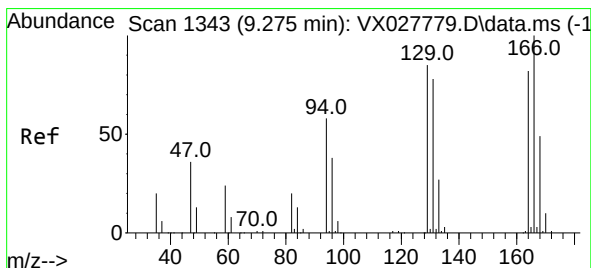
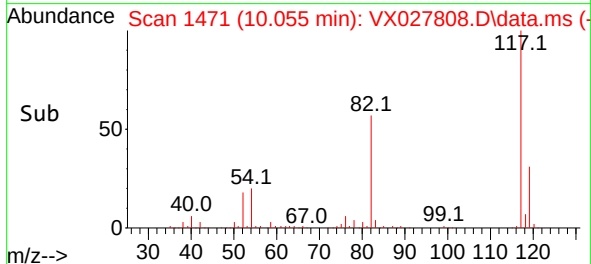
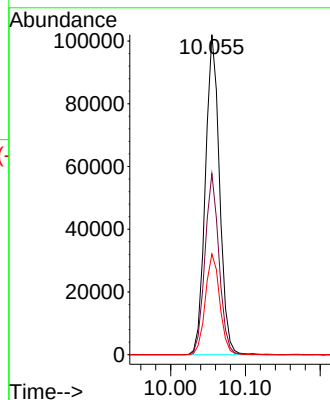
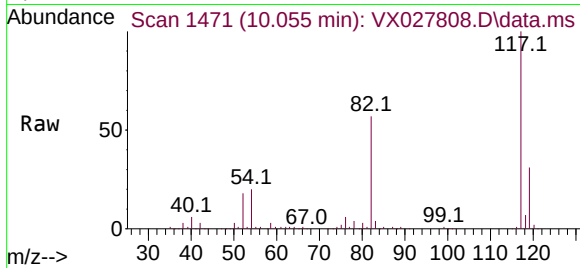




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

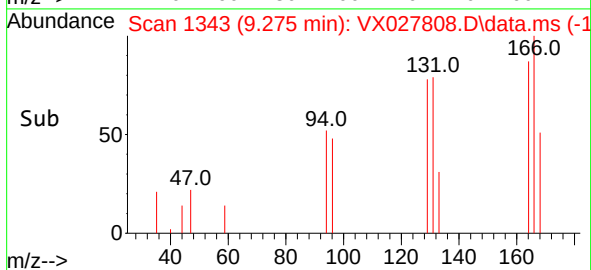
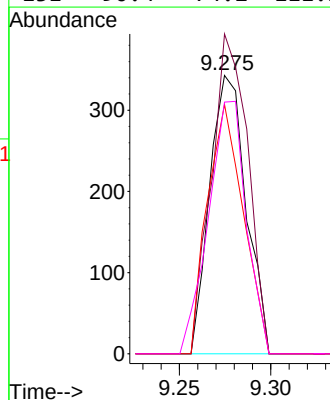
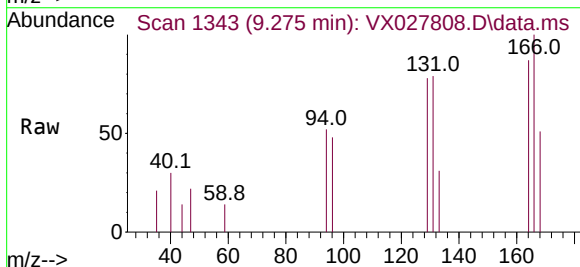
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318

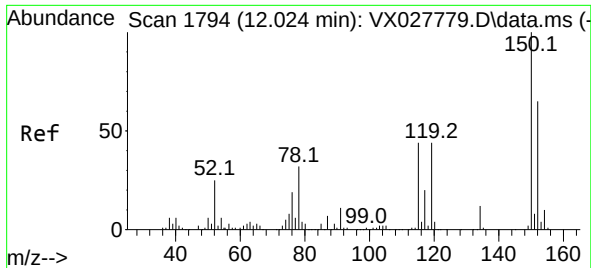
Tgt Ion:117 Resp: 133999
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.4 24.8 37.2



#64
Tetrachloroethene
Concen: 0.524 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027808.D
Acq: 30 Mar 2022 14:17

Tgt Ion:164 Resp: 476
Ion Ratio Lower Upper
164 100
166 114.9 101.2 151.8
129 89.5 73.0 109.4
131 90.4 74.2 111.2

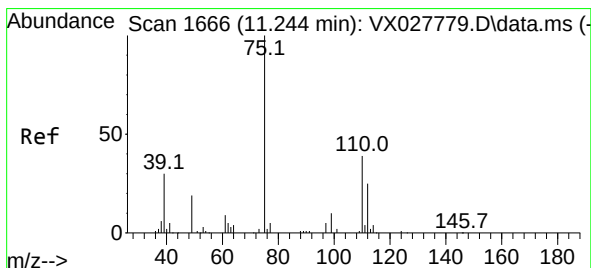
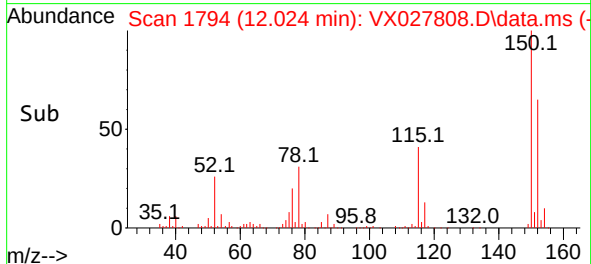
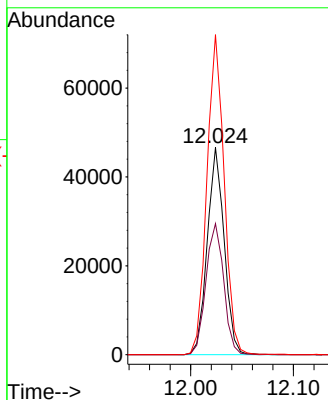
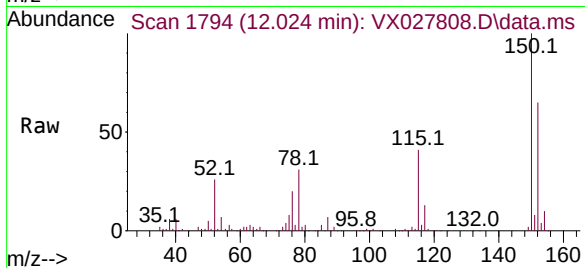




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027808.D
 Acq: 30 Mar 2022 14:17

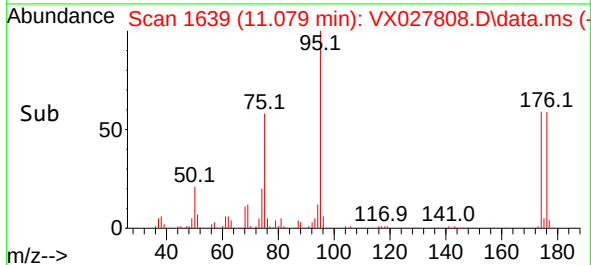
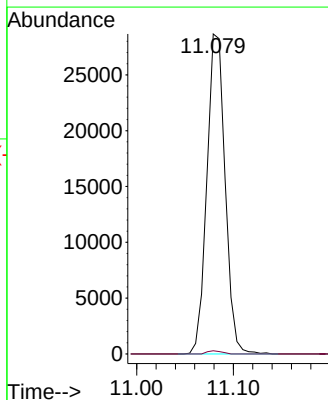
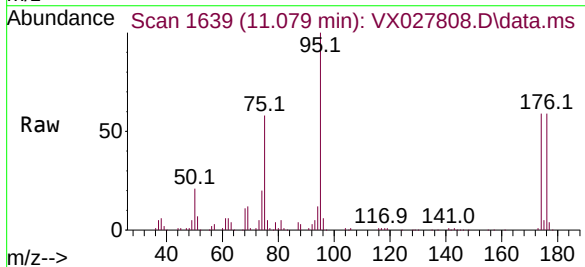
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20220318

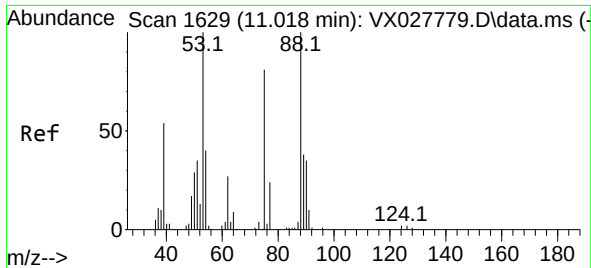
Tgt Ion:152 Resp: 53257
 Ion Ratio Lower Upper
 152 100
 115 66.5 37.5 112.7
 150 157.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 30.157 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027808.D
 Acq: 30 Mar 2022 14:17

Tgt Ion: 75 Resp: 37676
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.823 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027808.D
 Acq: 30 Mar 2022 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20220318

Tgt Ion: 75 Resp: 37676
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

