

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022766.D
 Acq On : 18 Jun 2021 14:37
 Operator : JC/MD
 Sample : M2750-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20210615DL

Quant Time: Jun 19 01:44:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

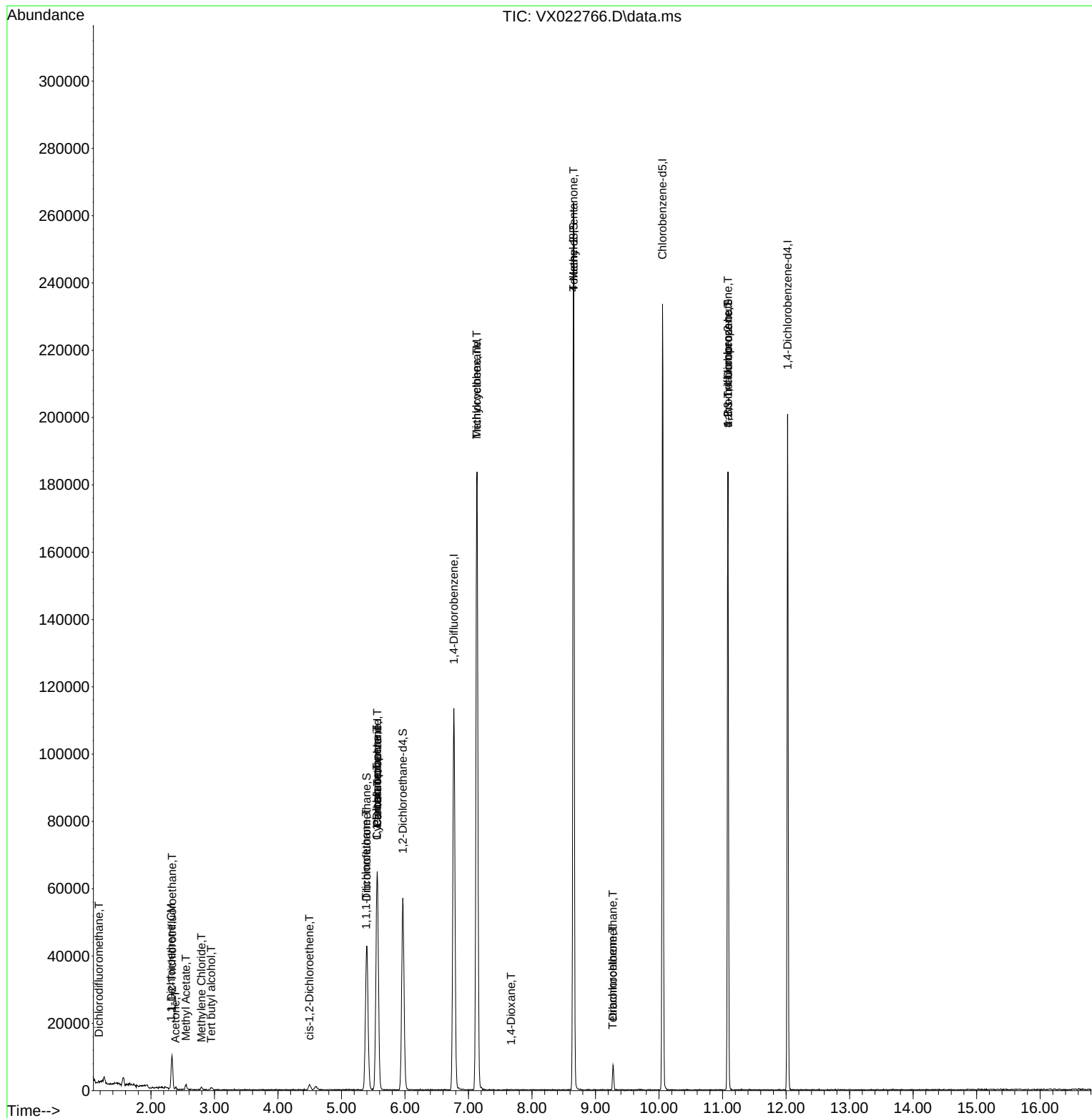
Internal Standards						
1) Pentafluorobenzene	5.562	168	54630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	108864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52074	53.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.000%	
35) Dibromofluoromethane	5.397	113	36977	53.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.480%	
50) Toluene-d8	8.653	98	145391	53.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	11.085	95	48283	46.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	136	0.212	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	3349	5.008	ug/l	92
11) Tert butyl alcohol	2.946	59	466	2.048	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	935	1.410	ug/l #	85
16) Acetone	2.386	43	627	1.425	ug/l #	78
18) Methyl Acetate	2.550	43	488	0.369	ug/l #	47
20) Methylene Chloride	2.794	84	424	0.223	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	969	1.082	ug/l	91
31) Cyclohexane	5.556	56	1627	1.373	ug/l #	35
32) 1,1,1-Trichloroethane	5.385	97	22	0.924	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	5255	4.845	ug/l #	45
38) Carbon Tetrachloride	5.562	117	6391	6.888	ug/l #	15
39) Methylcyclohexane	7.129	83	845	0.747	ug/l #	1
44) Trichloroethene	7.129	130	65309	86.210	ug/l	98
49) 1,4-Dioxane	7.671	88	53	2.664	ug/l #	24
51) 4-Methyl-2-Pentanone	8.653	43	784	0.567	ug/l #	1
60) Dibromochloromethane	9.275	129	1376	4.765	ug/l #	11
64) Tetrachloroethene	9.269	164	1226	1.961	ug/l #	76
76) 1,2,3-Trichloropropane	11.085	75	26762	28.870	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26762	71.763	ug/l #	12

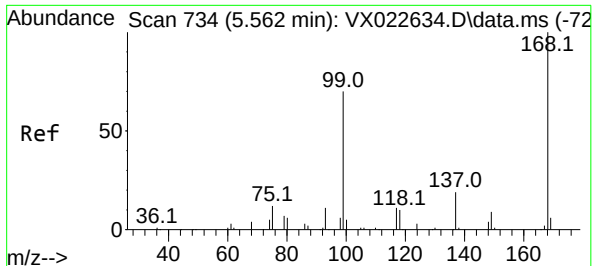
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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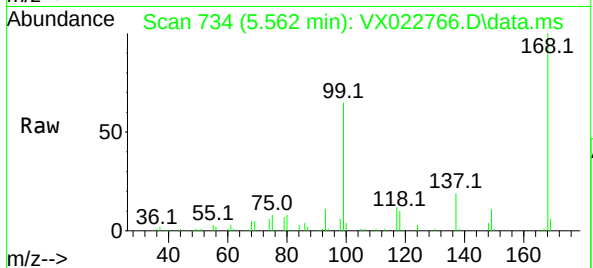
Quant Time: Jun 19 01:44:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
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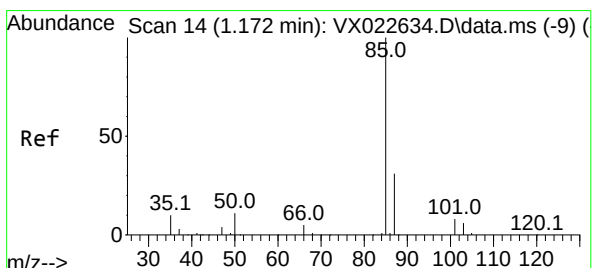
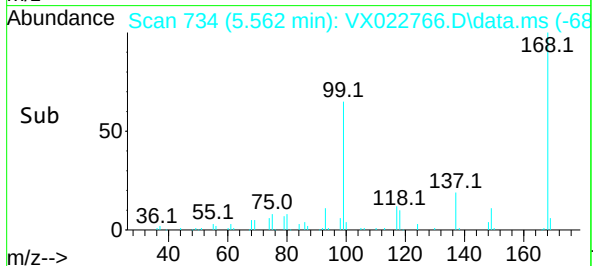
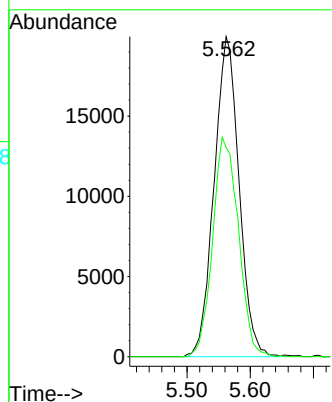


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

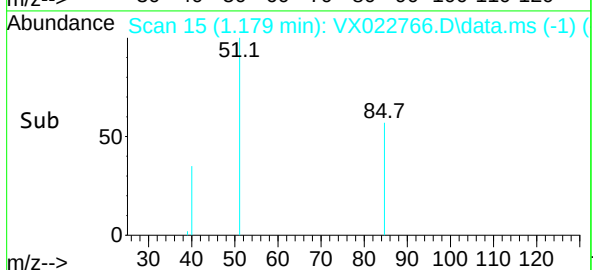
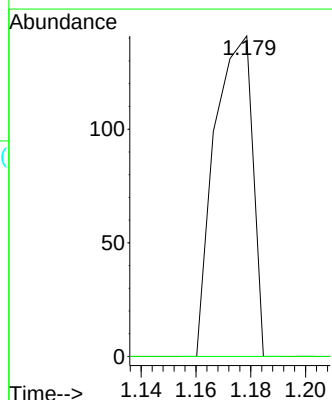
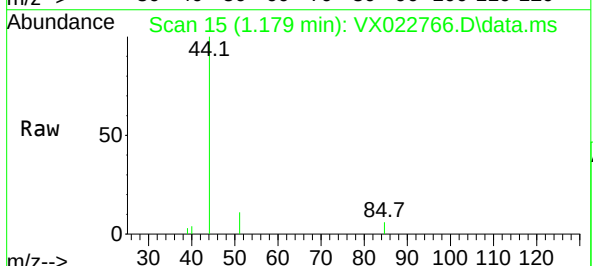


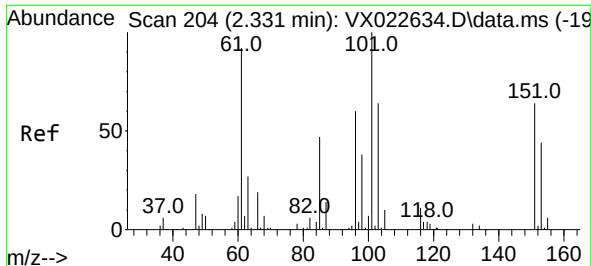
Tgt Ion:168 Resp: 54630
Ion Ratio Lower Upper
168 100
99 65.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.212 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.013 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 85 Resp: 136
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

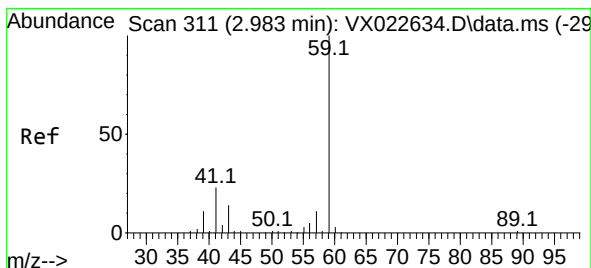
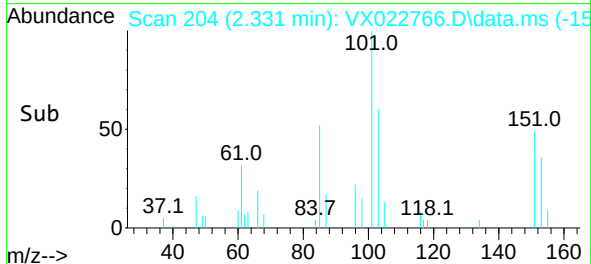
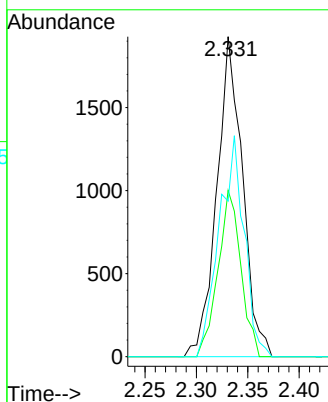
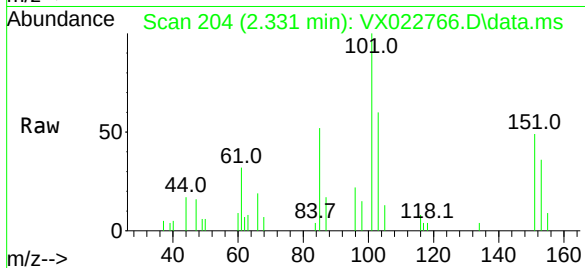




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.008 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

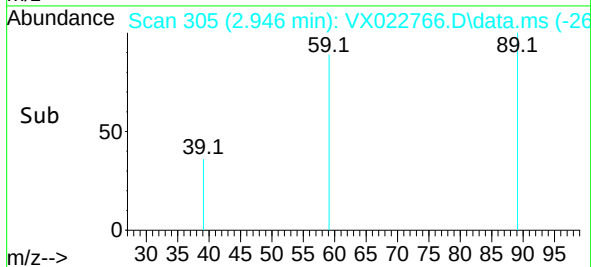
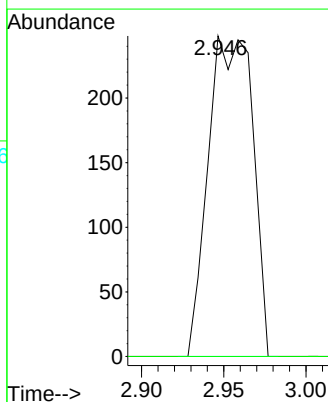
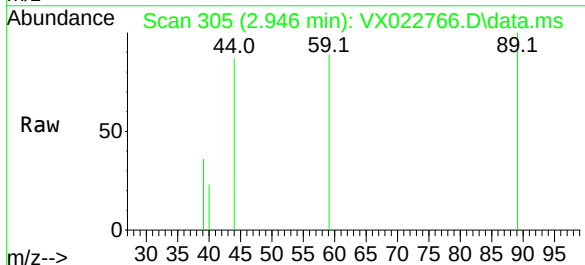
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

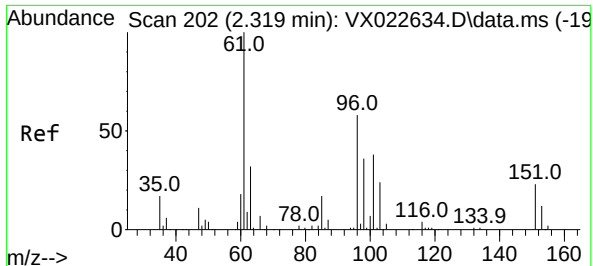
Tgt Ion:101 Resp: 3349
Ion Ratio Lower Upper
101 100
85 46.2 34.9 52.3
151 67.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.048 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.410 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

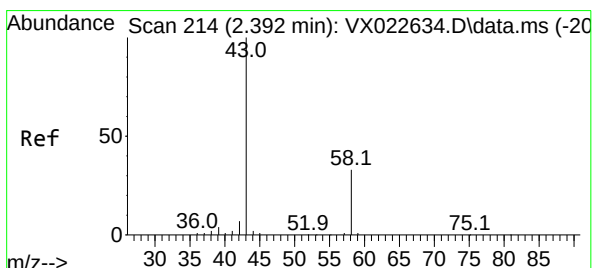
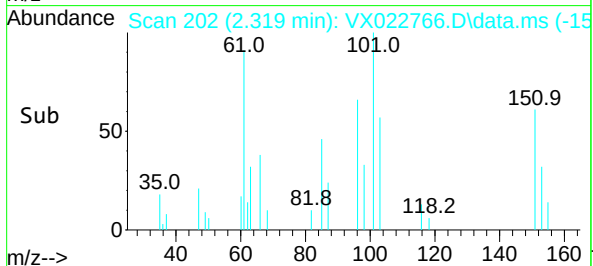
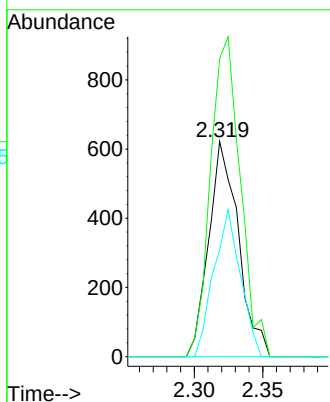
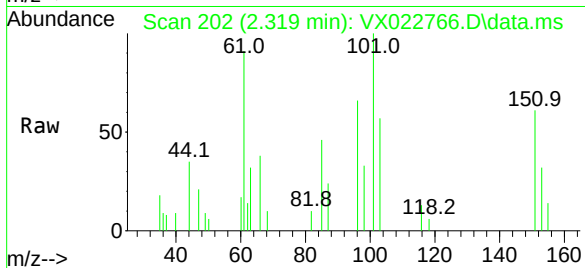
Tgt Ion: 96 Resp: 935

Ion Ratio Lower Upper

96 100

61 138.4 124.6 187.0

98 49.7 50.6 76.0#



#16

Acetone

Concen: 1.425 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022766.D

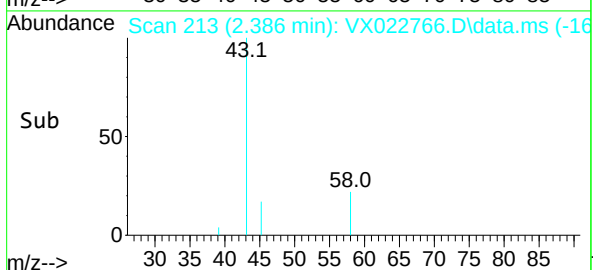
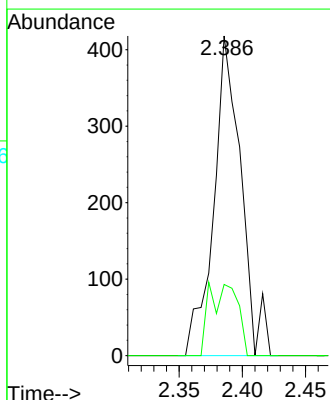
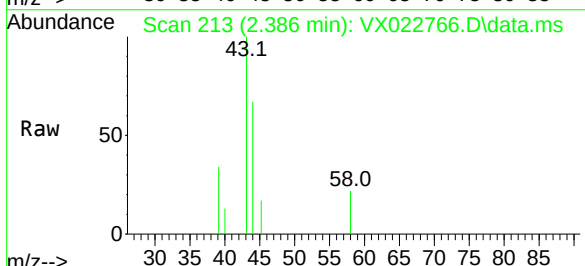
Acq: 18 Jun 2021 14:37

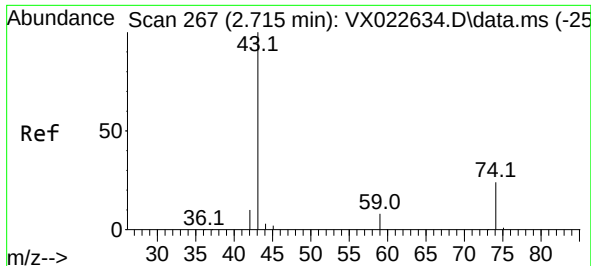
Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

58 22.2 27.8 41.8#





#18

Methyl Acetate

Concen: 0.369 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.159 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

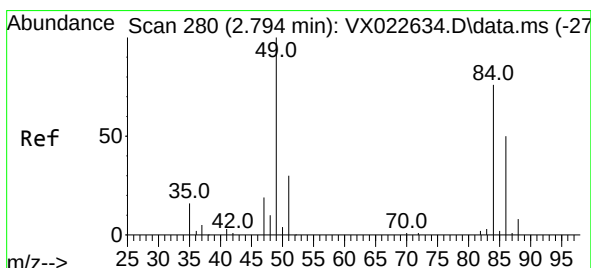
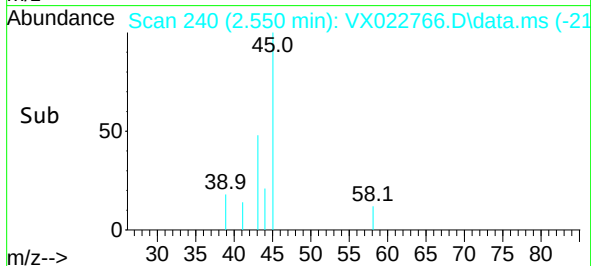
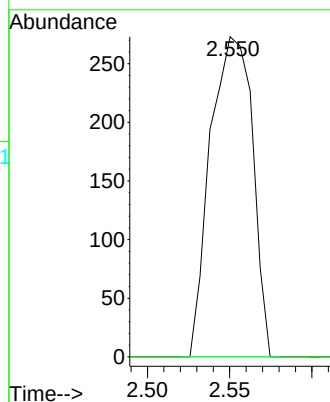
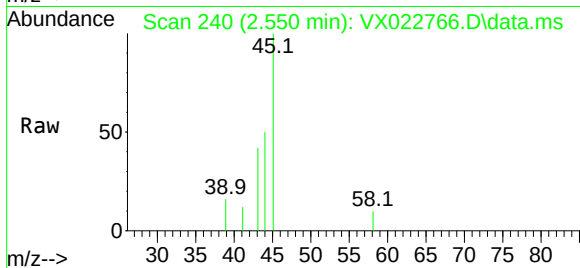
74 0.0 21.9 32.9#

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20210615DL



#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 84 Resp: 424

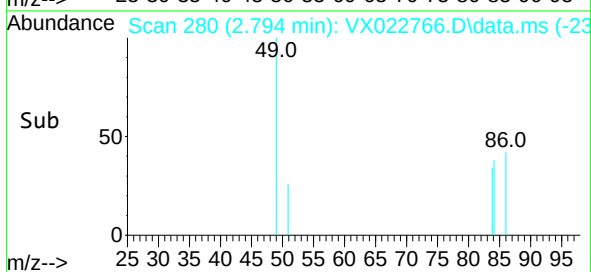
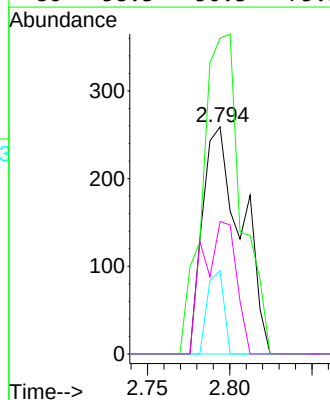
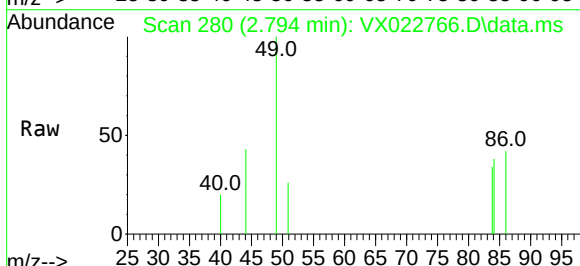
Ion Ratio Lower Upper

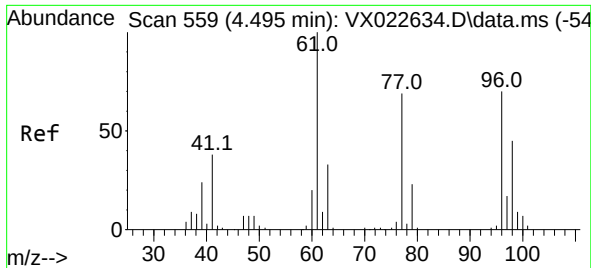
84 100

49 139.0 88.6 132.8#

51 36.7 27.0 40.6

86 58.3 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 1.082 ug/l

RT: 4.495 min Scan# 559

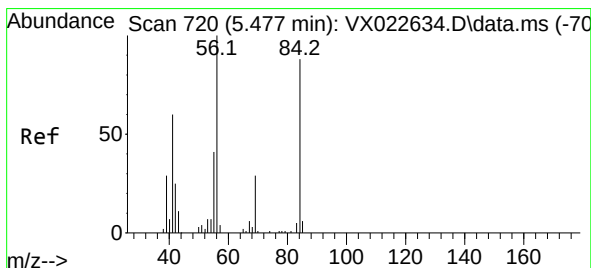
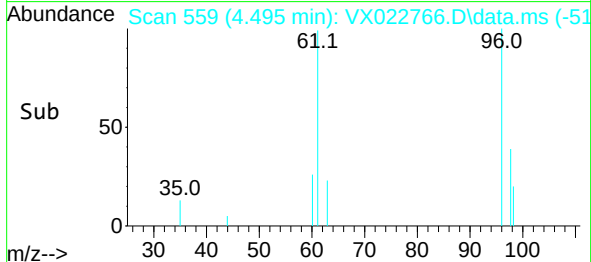
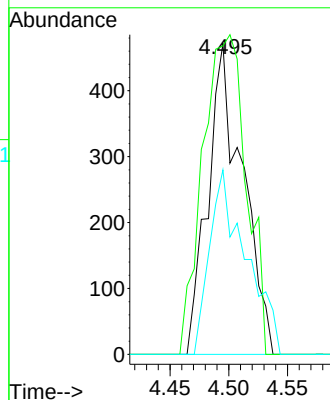
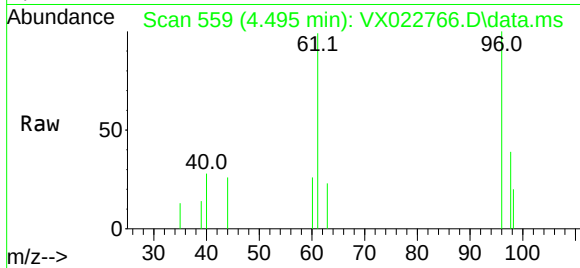
Delta R.T. -0.000 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 96 Resp: 969

Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	285.6
98	62.2	0.0	129.6



#31

Cyclohexane

Concen: 1.373 ug/l

RT: 5.556 min Scan# 733

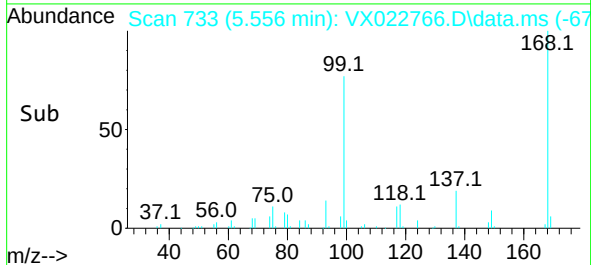
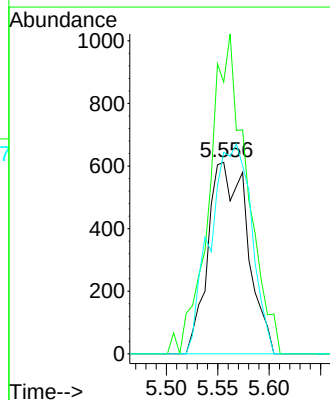
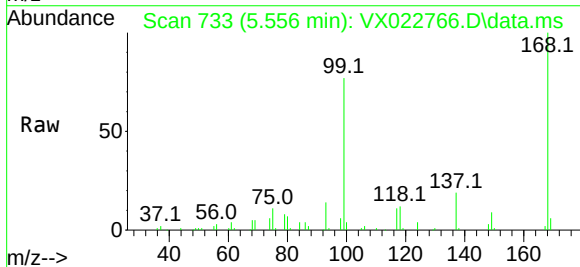
Delta R.T. 0.079 min

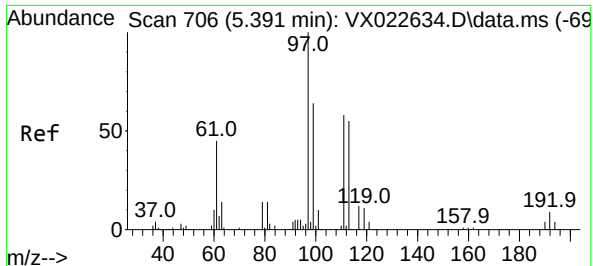
Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 56 Resp: 1627

Ion	Ratio	Lower	Upper
56	100		
69	141.8	25.3	37.9#
84	105.2	71.4	107.0





#32

1,1,1-Trichloroethane

Concen: 0.924 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

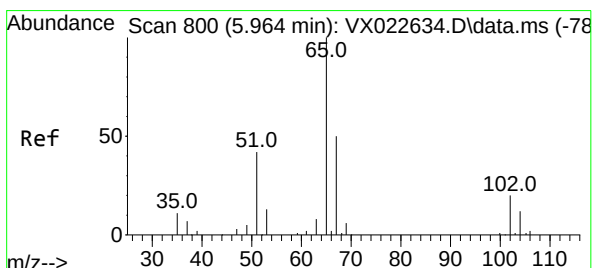
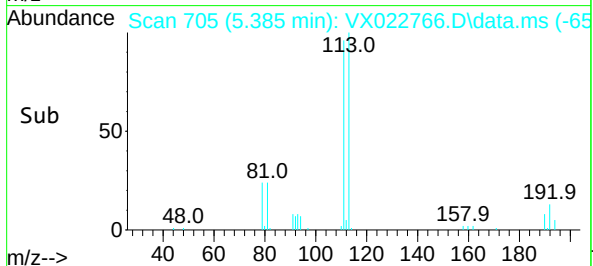
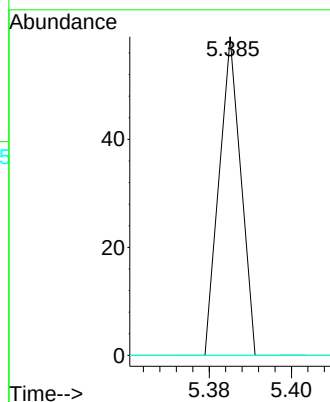
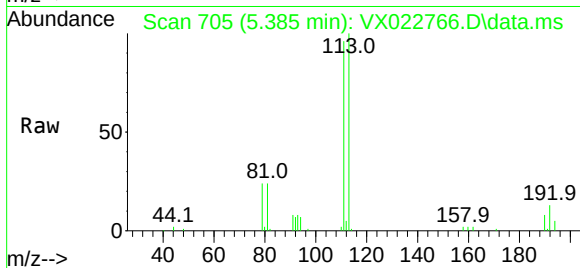
Tgt Ion: 97	Resp: 22
Ion Ratio	Lower Upper
97 100	
99 0.0	51.5 77.3#
61 0.0	34.2 51.4#

Instrument :

MSVOA_X

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#33

1,2-Dichloroethane-d4

Concen: 53.001 ug/l

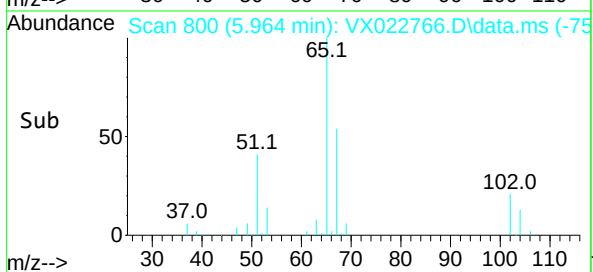
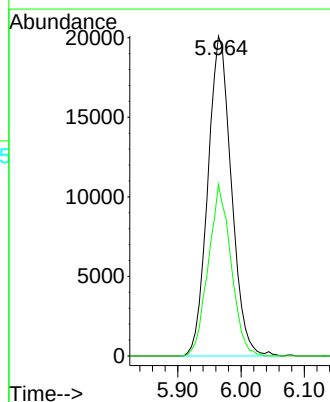
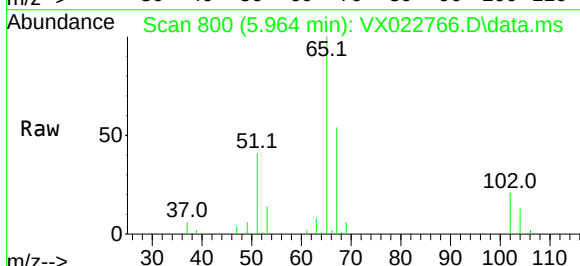
RT: 5.964 min Scan# 800

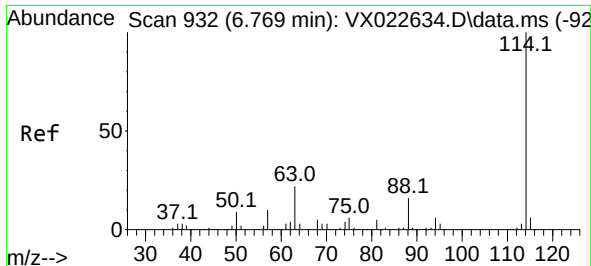
Delta R.T. 0.000 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 65	Resp: 52074
Ion Ratio	Lower Upper
65 100	
67 51.5	0.0 105.4

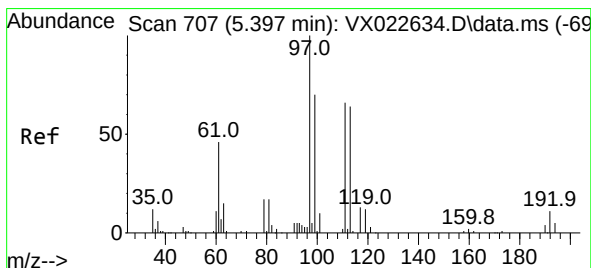
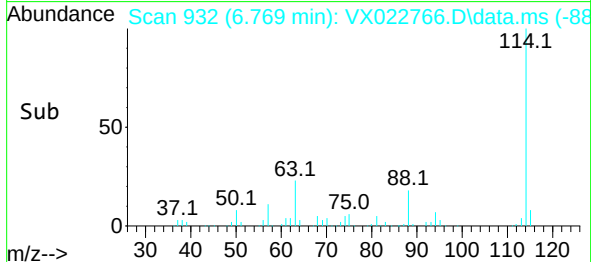
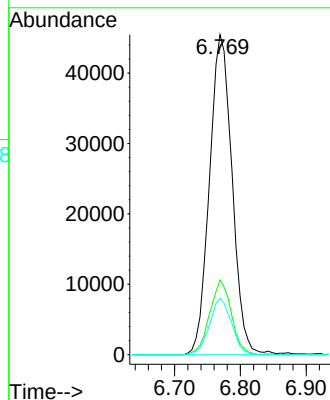
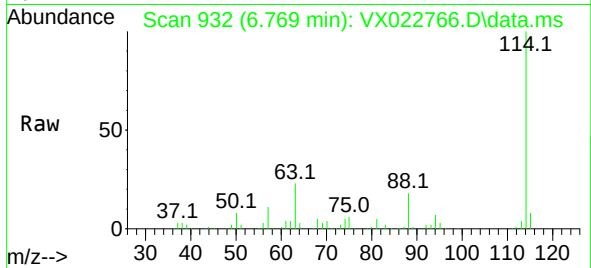




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

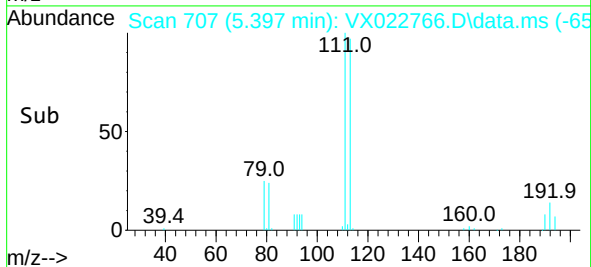
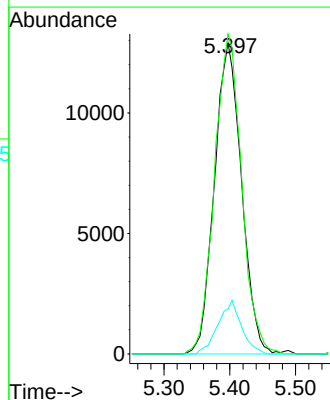
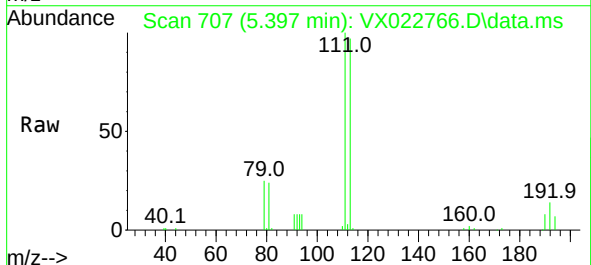
Instrument :
MSVOA_X
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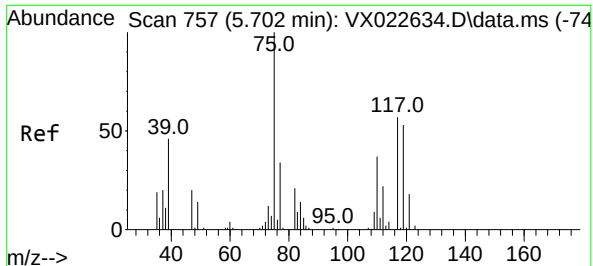
Tgt Ion:114 Resp: 108864
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.237 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion:113 Resp: 36977
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 14.9 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 75 Resp: 5255

Ion Ratio Lower Upper

75 100

110 4.9 18.1 54.4#

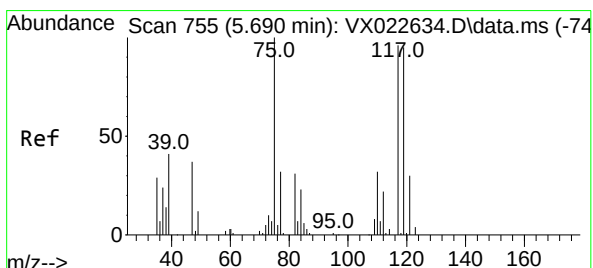
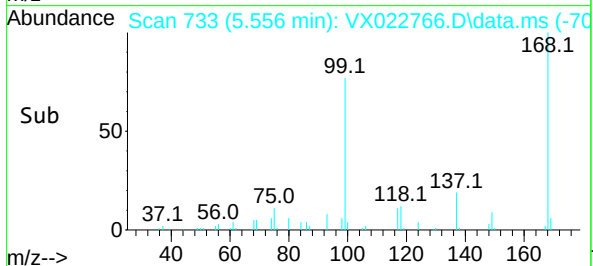
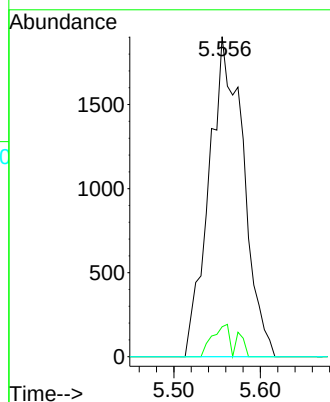
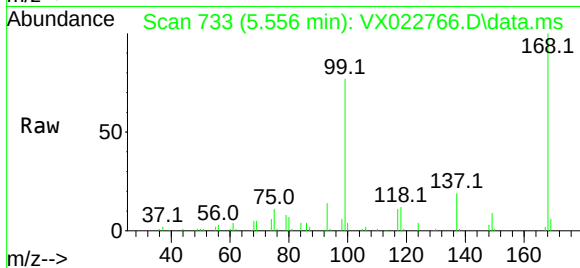
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20210615DL



#38

Carbon Tetrachloride

Concen: 6.888 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

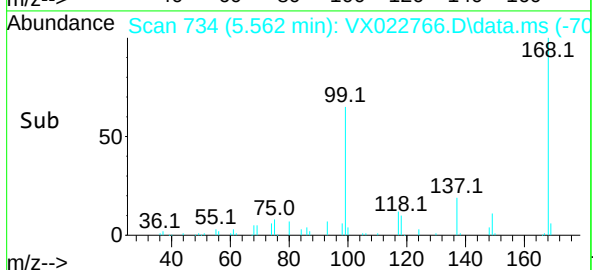
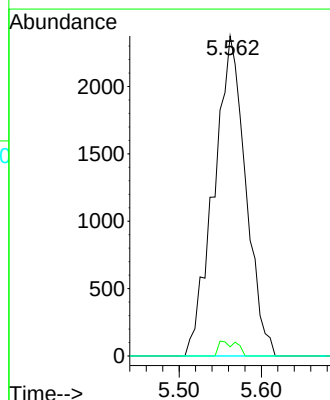
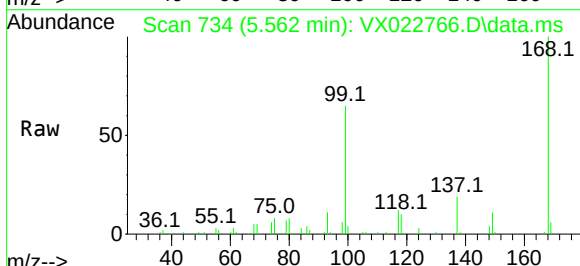
Tgt Ion: 117 Resp: 6391

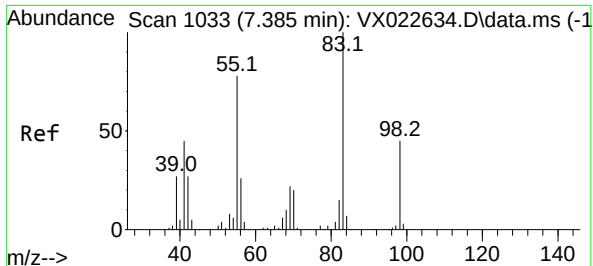
Ion Ratio Lower Upper

117 100

119 2.9 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.747 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022766.D

Acq: 18 Jun 2021 14:37

Tgt Ion: 83 Resp: 845

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

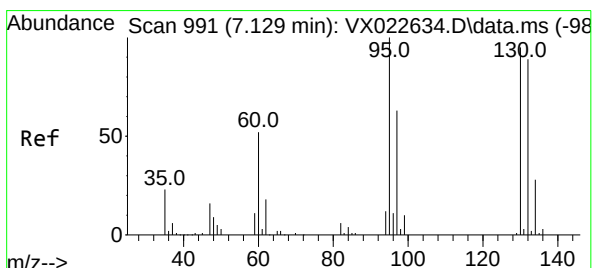
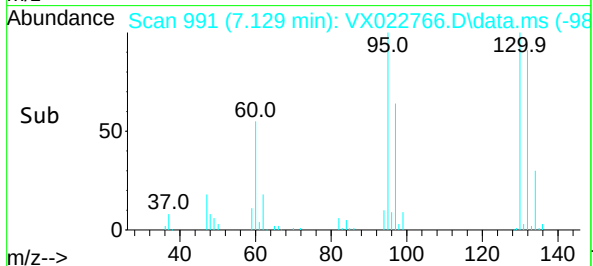
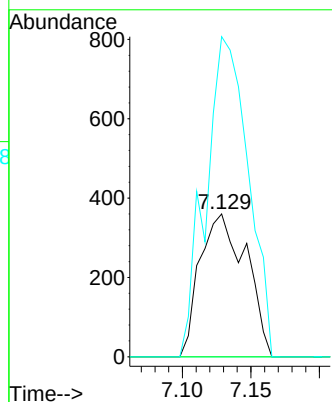
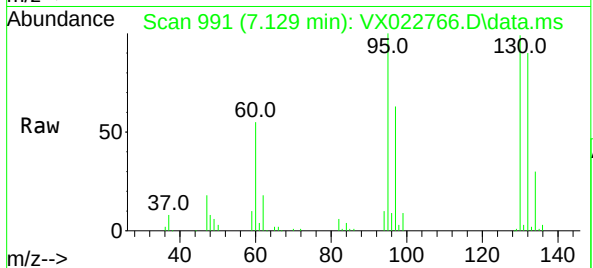
98 224.2 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20210615DL



#44

Trichloroethene

Concen: 86.210 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022766.D

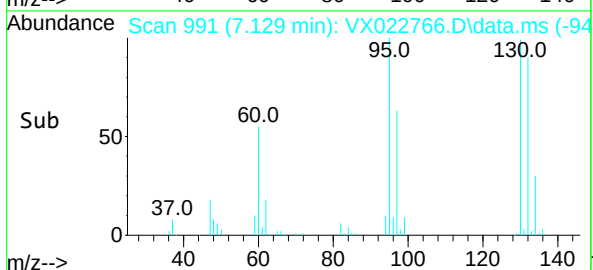
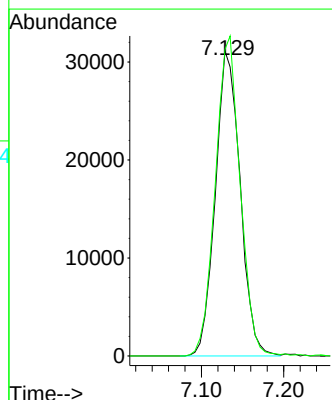
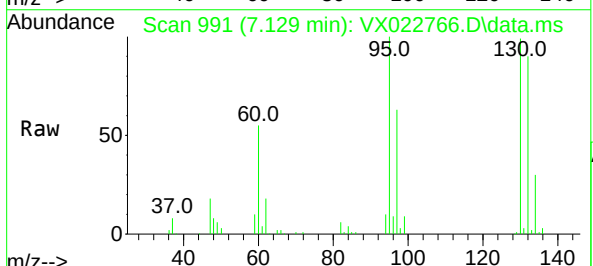
Acq: 18 Jun 2021 14:37

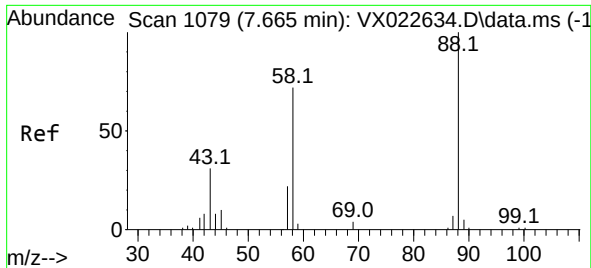
Tgt Ion:130 Resp: 65309

Ion Ratio Lower Upper

130 100

95 100.5 0.0 198.0

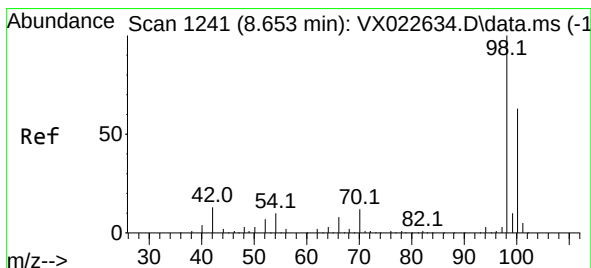
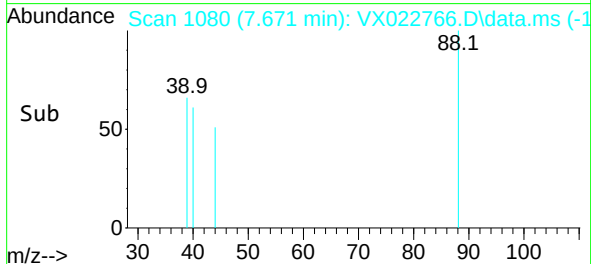
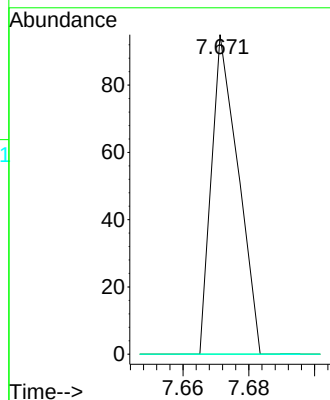
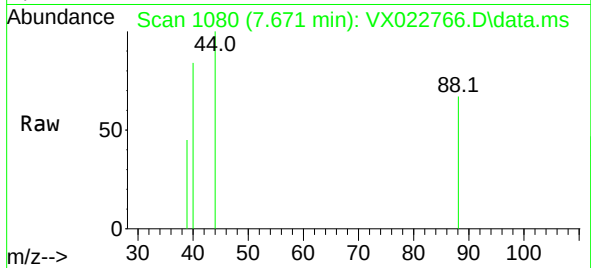




#49
1,4-Dioxane
Concen: 2.664 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

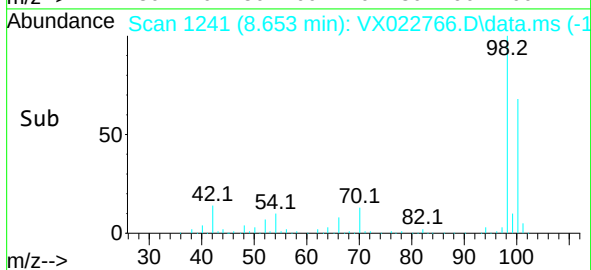
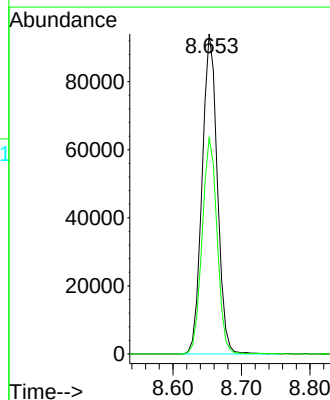
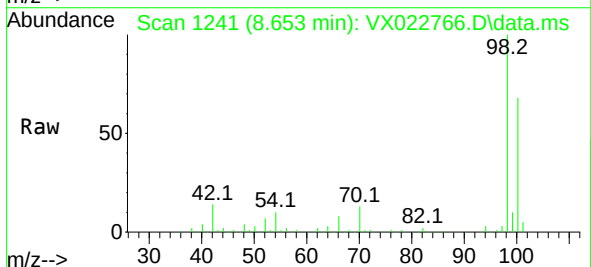
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

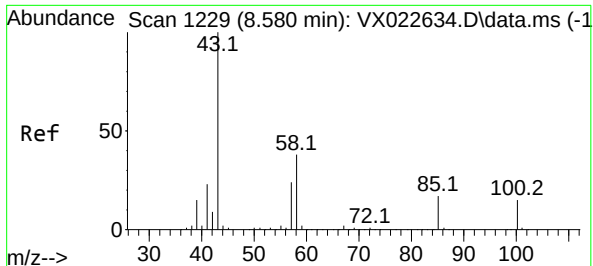
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 53.100 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 98 Resp: 145391
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

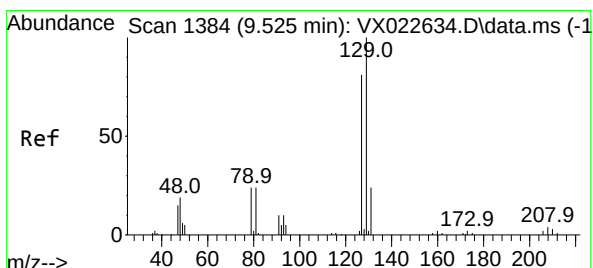
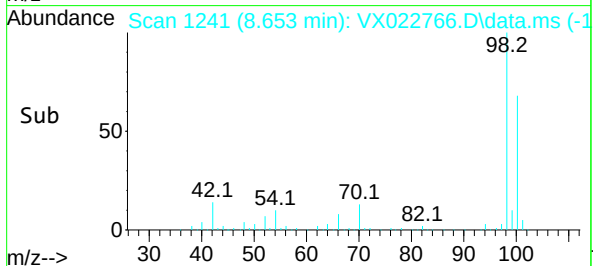
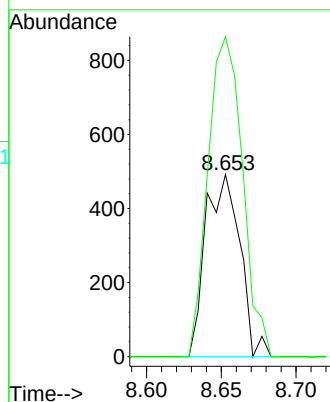
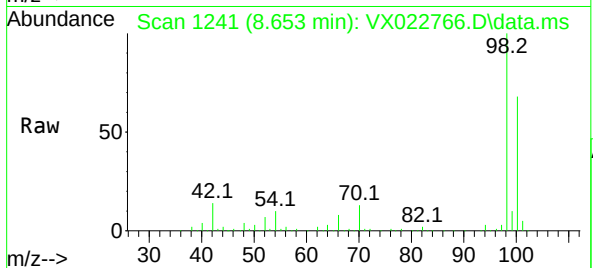




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

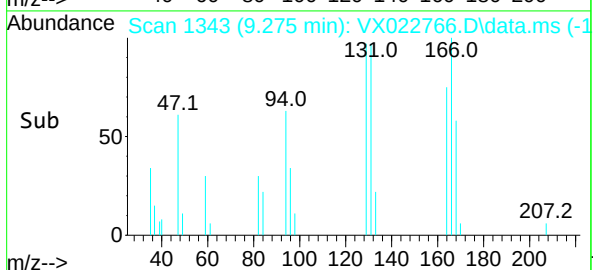
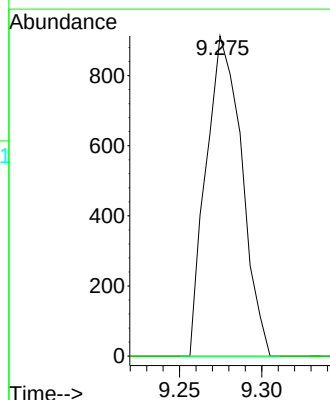
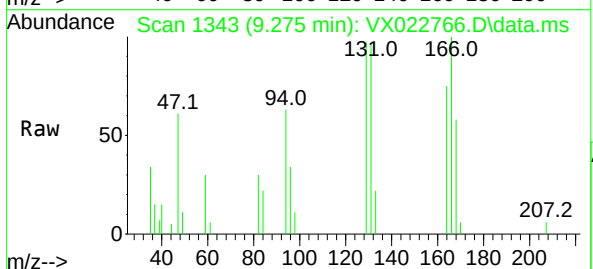
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

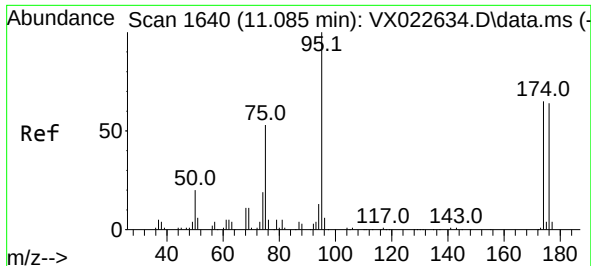
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 177.4 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.765 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 129 Resp: 1376
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

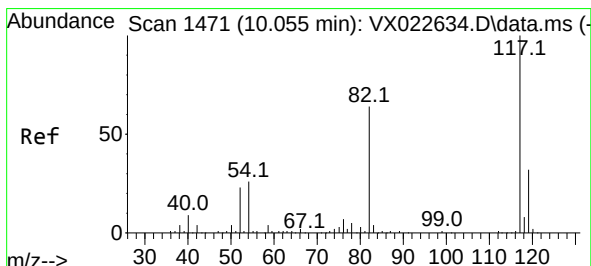
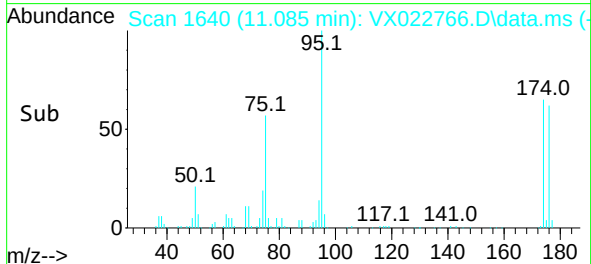
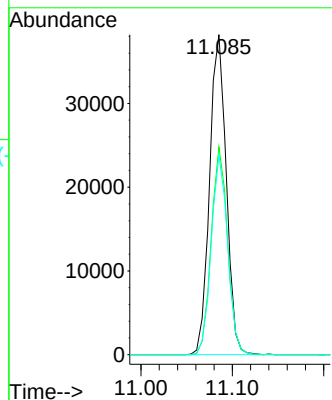
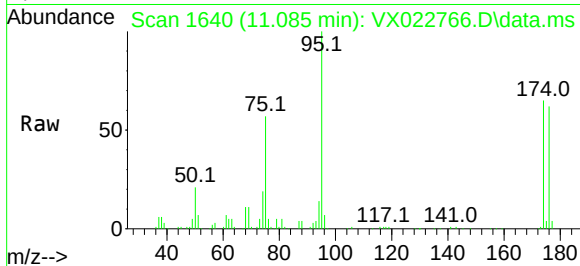




#62
4-Bromofluorobenzene
Concen: 46.626 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

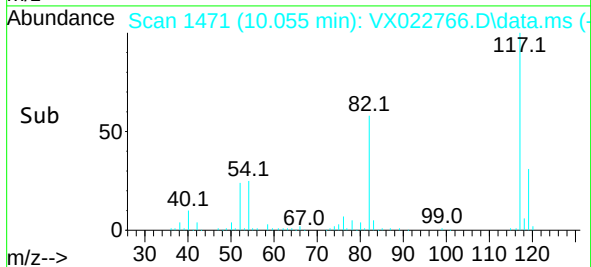
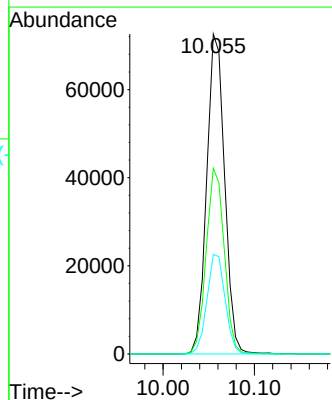
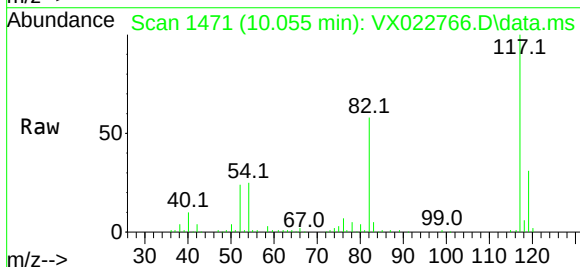
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

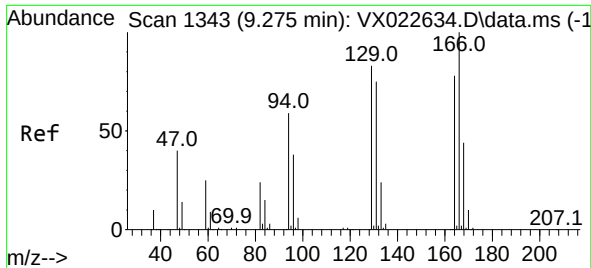
Tgt Ion: 95 Resp: 48283
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 117 Resp: 98881
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.1 26.6 39.8



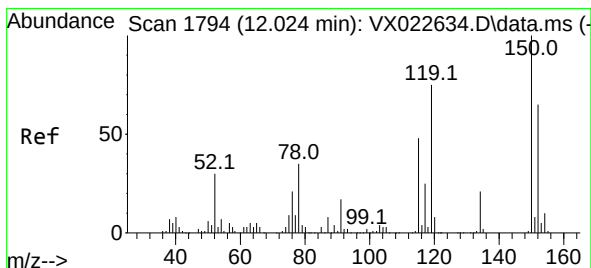
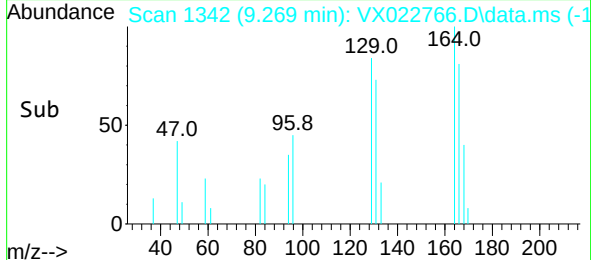
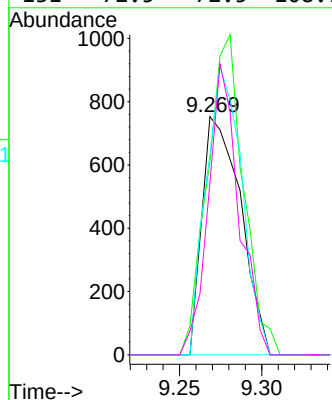
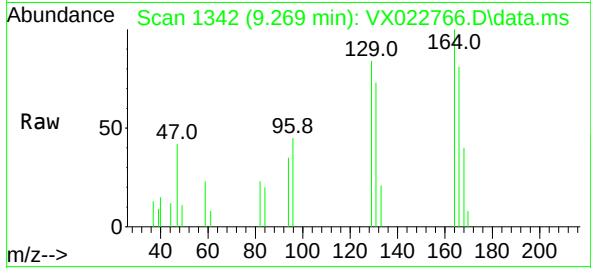


#64
Tetrachloroethene
Concen: 1.961 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.012 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

Tgt Ion:164 Resp: 1226

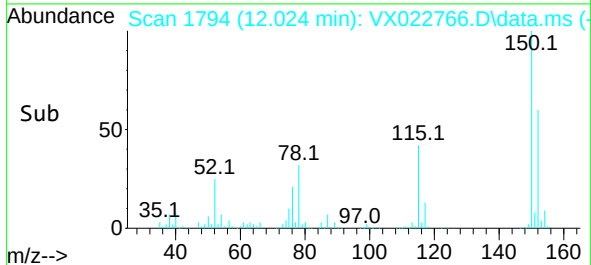
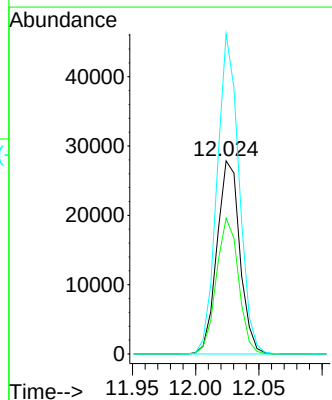
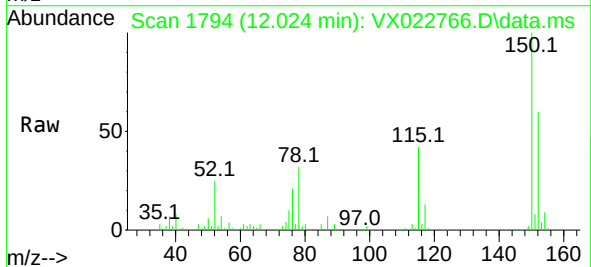
Ion	Ratio	Lower	Upper
164	100		
166	80.9	103.4	155.2#
129	84.2	70.8	106.2
131	72.5	72.5	108.7

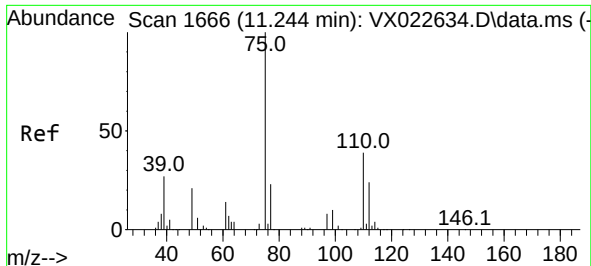


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion:152 Resp: 34962

Ion	Ratio	Lower	Upper
152	100		
115	68.2	41.1	123.3
150	158.8	0.0	349.0

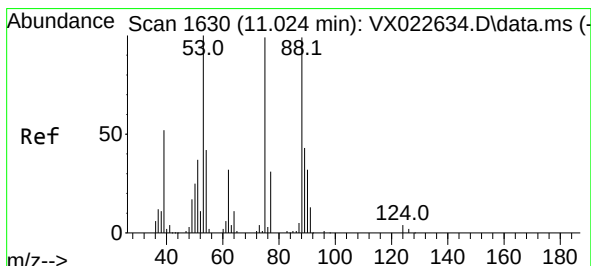
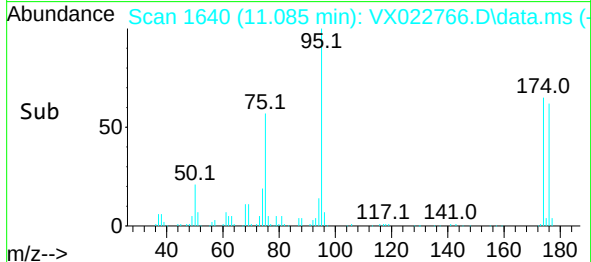
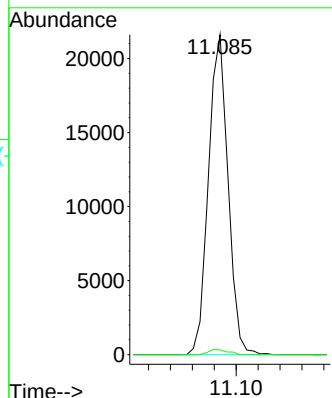
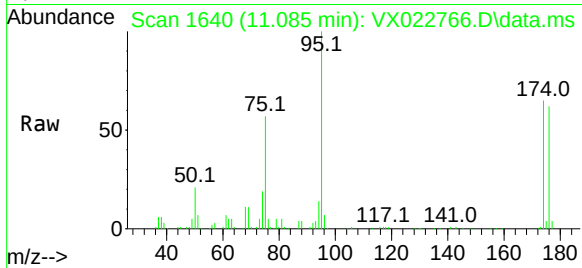




#76
1,2,3-Trichloropropane
Concen: 28.870 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20210615DL

Tgt Ion: 75 Resp: 26762
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022766.D
Acq: 18 Jun 2021 14:37

Tgt Ion: 75 Resp: 26762
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

