

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022804.D
 Acq On : 21 Jun 2021 18:57
 Operator : JC/MD
 Sample : M2783-22 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210618

Quant Time: Jun 22 01:15:49 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)

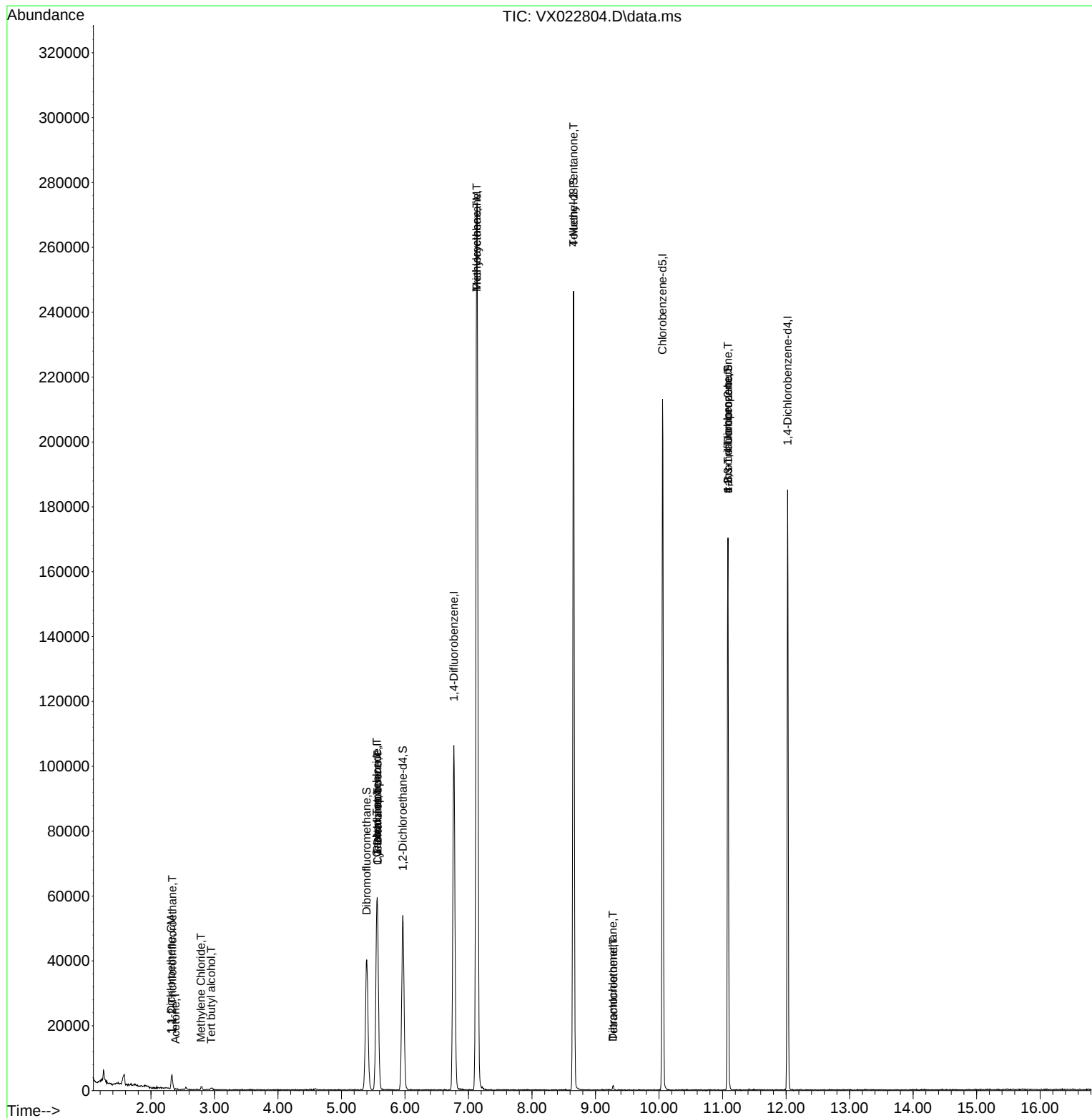
Internal Standards						
1) Pentafluorobenzene	5.562	168	50421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	101439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	31831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48448	53.427	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.860%	
35) Dibromofluoromethane	5.397	113	33975	52.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.000%	
50) Toluene-d8	8.653	98	135140	52.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	11.085	95	44463	46.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.160%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	1391	2.254	ug/l	89
11) Tert butyl alcohol	2.947	59	309	1.472	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	500	0.817	ug/l	88
16) Acetone	2.386	43	249	0.613	ug/l #	84
20) Methylene Chloride	2.788	84	458	0.308	ug/l #	86
31) Cyclohexane	5.568	56	1496	1.368	ug/l #	11
36) 1,1-Dichloropropene	5.568	75	5286	5.230	ug/l #	46
38) Carbon Tetrachloride	5.556	117	5867	6.786	ug/l #	12
39) Methylcyclohexane	7.129	83	1329	1.260	ug/l #	1
44) Trichloroethene	7.129	130	94711	134.173	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	779	0.605	ug/l #	1
60) Dibromochloromethane	9.275	129	194	3.410	ug/l #	11
64) Tetrachloroethene	9.281	164	223	0.393	ug/l #	80
76) 1,2,3-Trichloropropane	11.085	75	25372	30.063	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25372	74.480	ug/l #	12

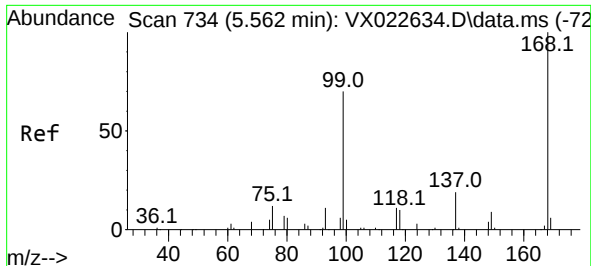
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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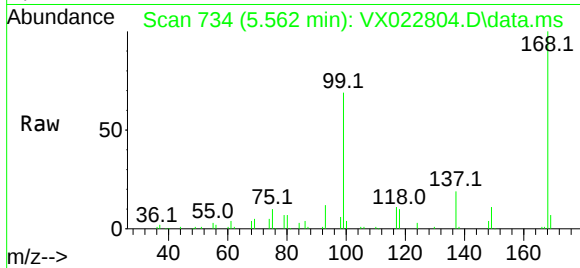
Quant Time: Jun 22 01:15:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



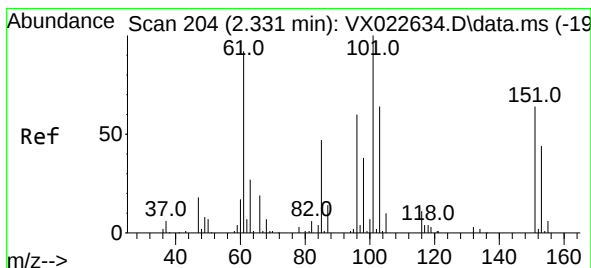
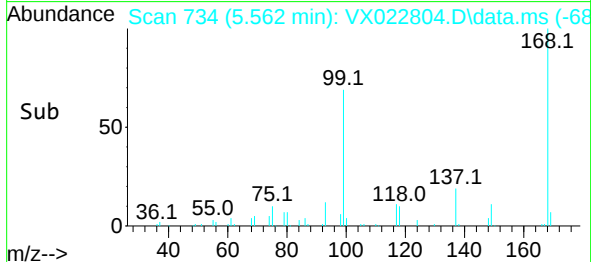
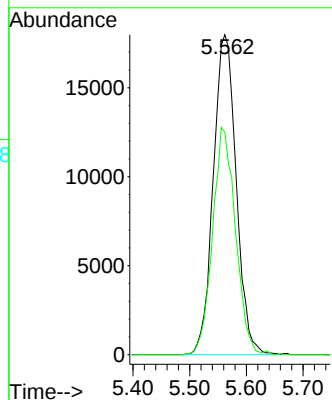


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618

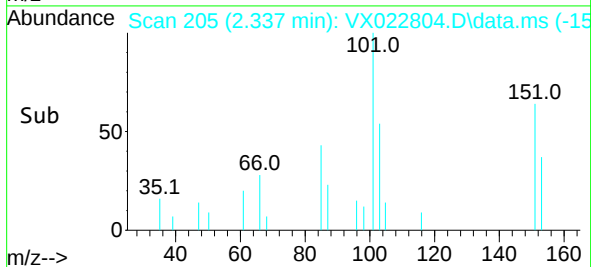
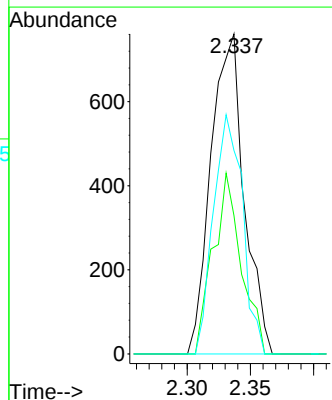
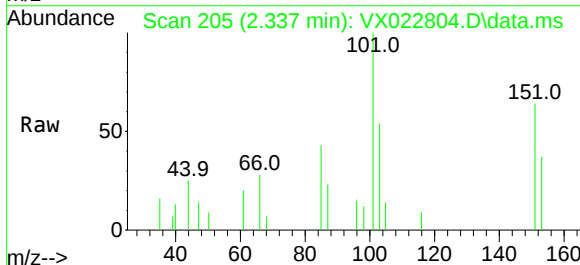


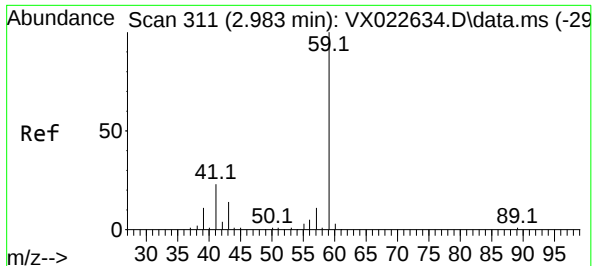
Tgt Ion:168 Resp: 50421
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.254 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Tgt Ion:101 Resp: 1391
Ion Ratio Lower Upper
101 100
85 47.7 34.9 52.3
151 65.5 61.4 92.2



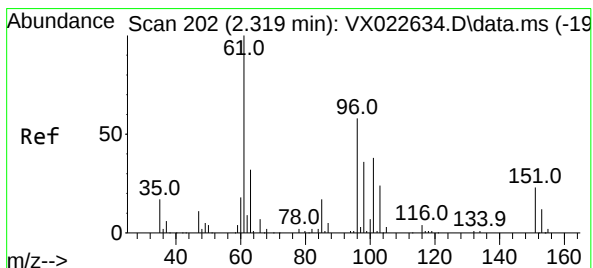
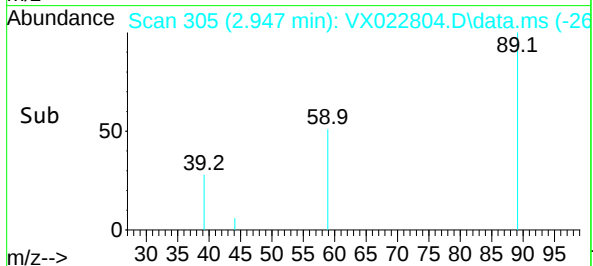
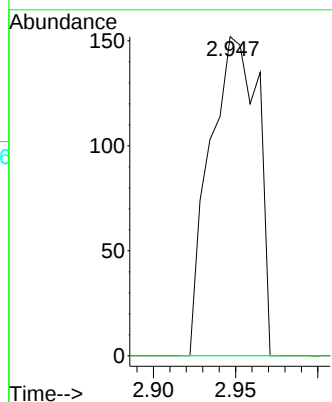
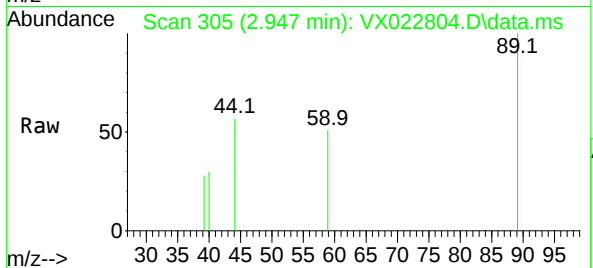


#11

Tert butyl alcohol
Concen: 1.472 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

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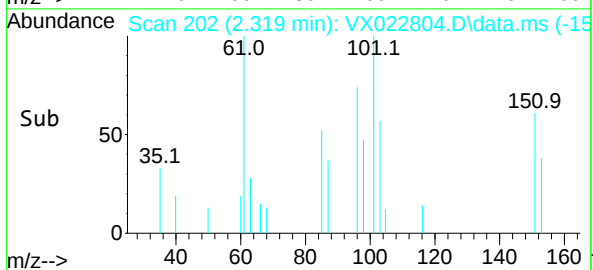
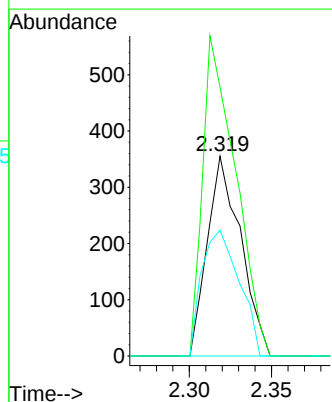
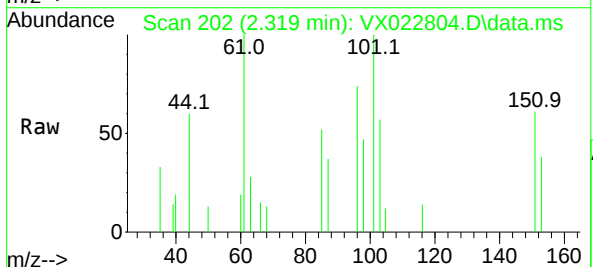
Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

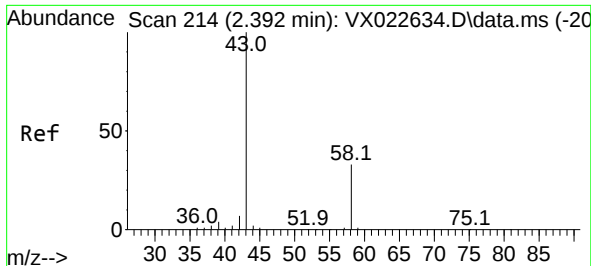


#12

1,1-Dichloroethene
Concen: 0.817 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

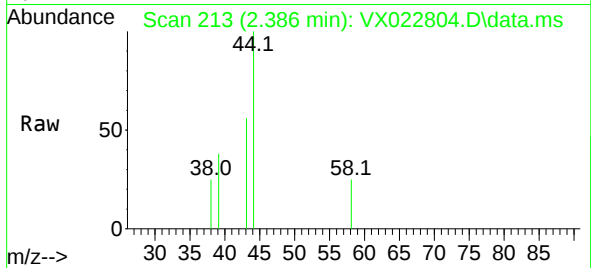
Tgt Ion: 96 Resp: 500
Ion Ratio Lower Upper
96 100
61 134.6 124.6 187.0
98 63.1 50.6 76.0



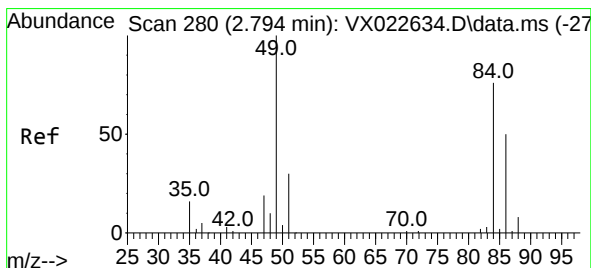
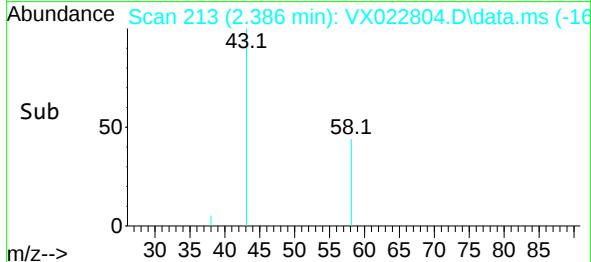
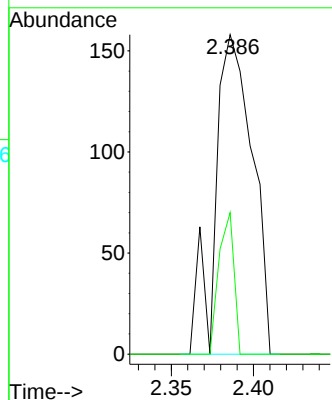


#16
Acetone
Concen: 0.613 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618

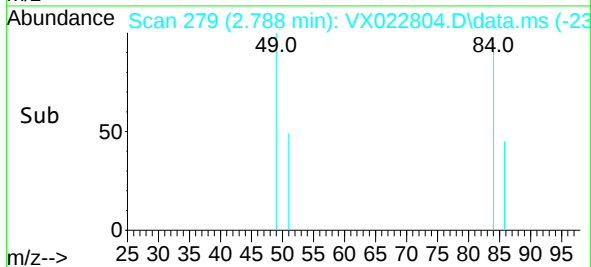
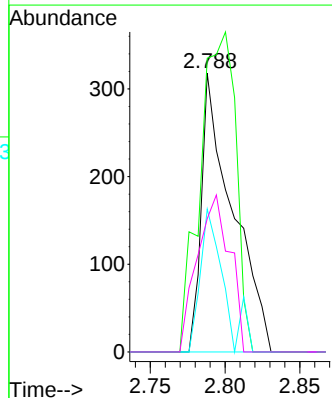
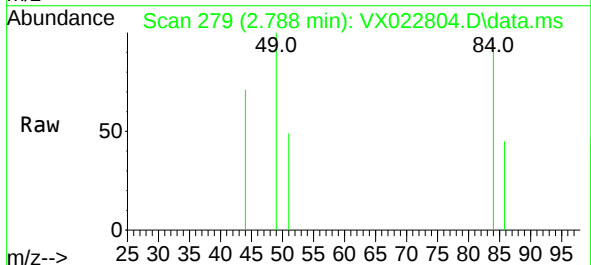


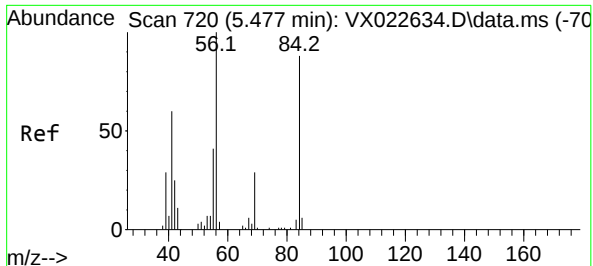
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 44.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

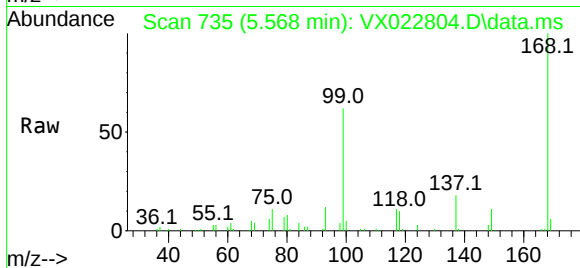
Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 105.3 88.6 132.8
51 51.3 27.0 40.6#
86 47.8 50.3 75.5#



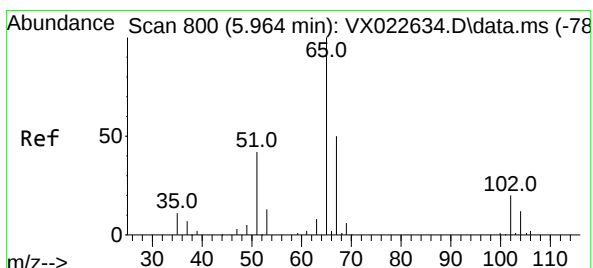
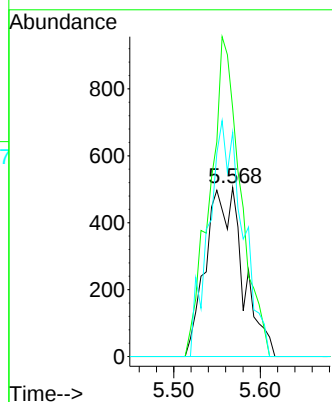
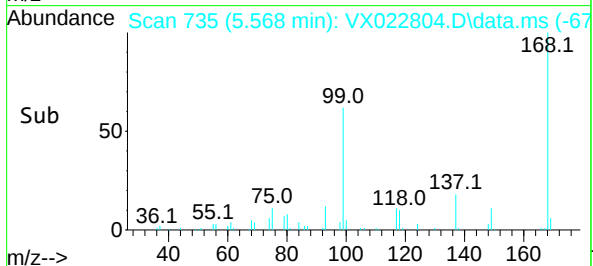


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

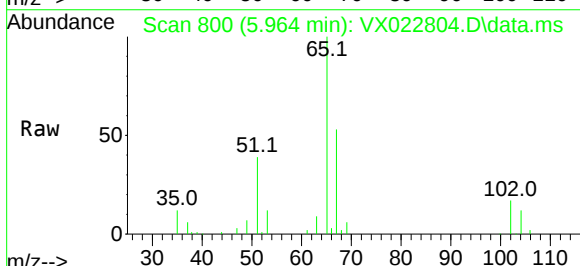
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618



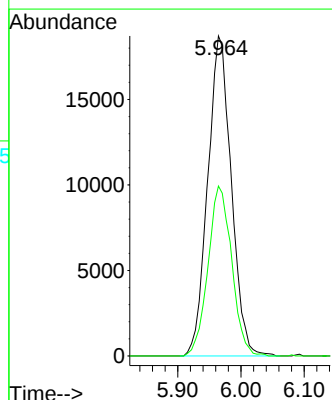
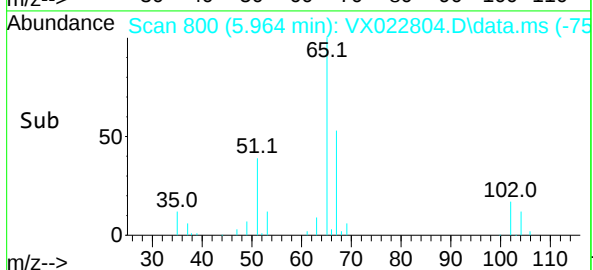
Tgt Ion: 56 Resp: 1496
Ion Ratio Lower Upper
56 100
69 146.9 25.3 37.9#
84 132.7 71.4 107.0#

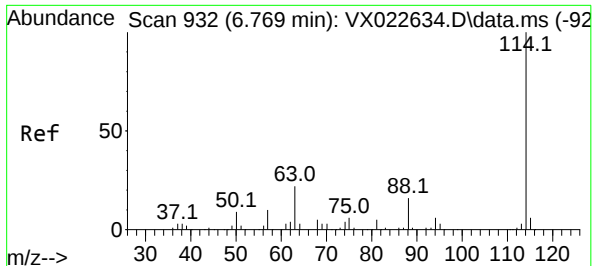


#33
1,2-Dichloroethane-d4
Concen: 53.427 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57



Tgt Ion: 65 Resp: 48448
Ion Ratio Lower Upper
65 100
67 53.3 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: VX022804.D

Acq: 21 Jun 2021 18:57

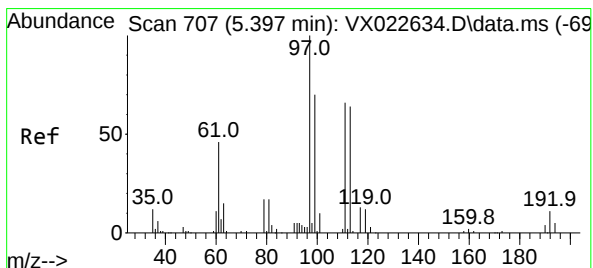
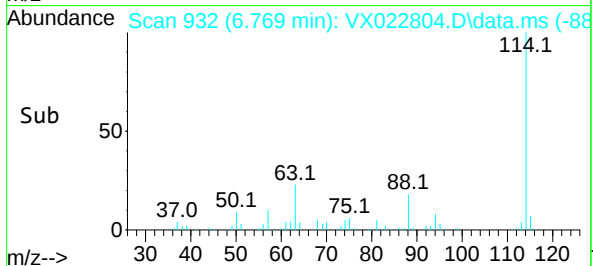
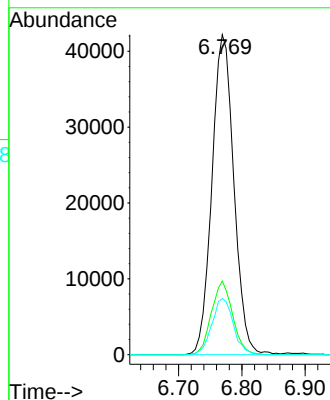
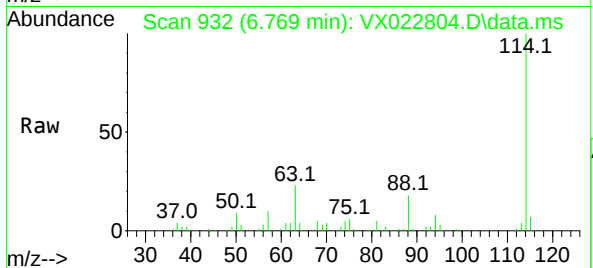
Tgt Ion:114 Resp: 101439

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.8

88 17.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.495 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022804.D

Acq: 21 Jun 2021 18:57

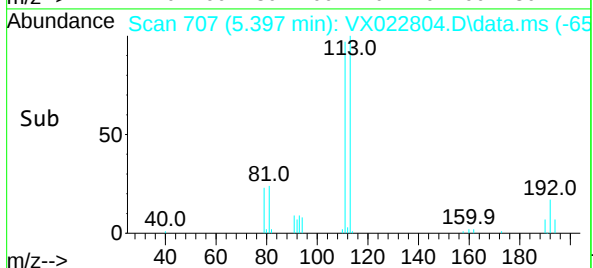
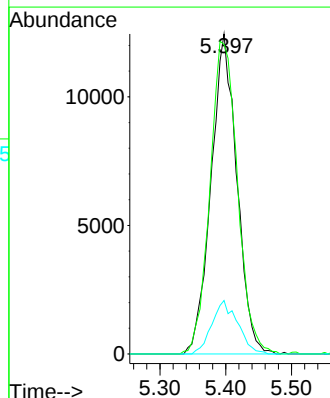
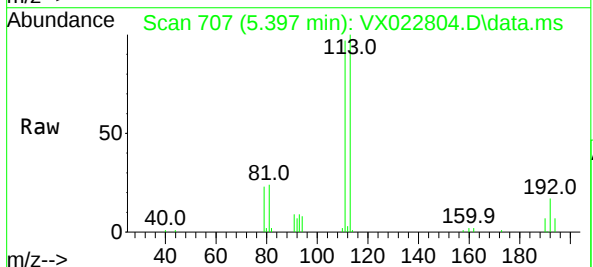
Tgt Ion:113 Resp: 33975

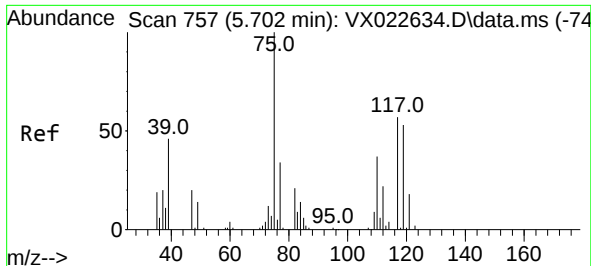
Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 16.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.230 ug/l

RT: 5.568 min Scan# 735

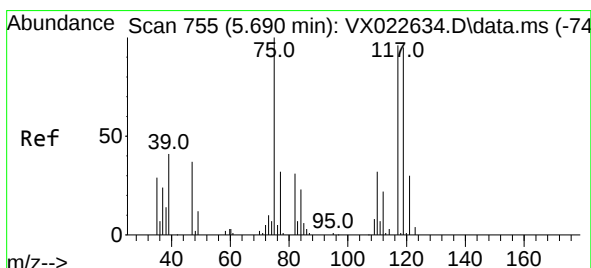
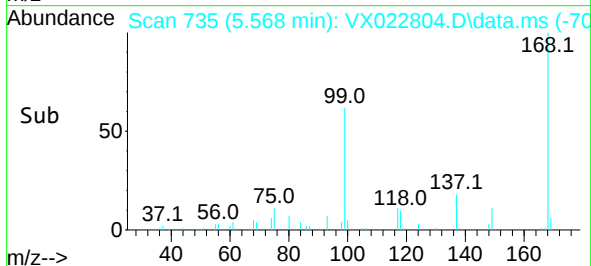
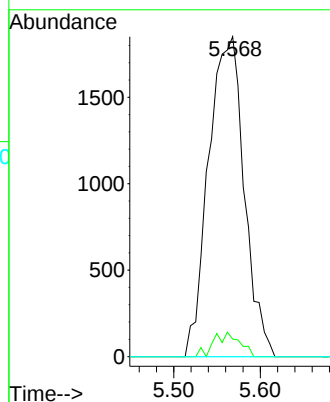
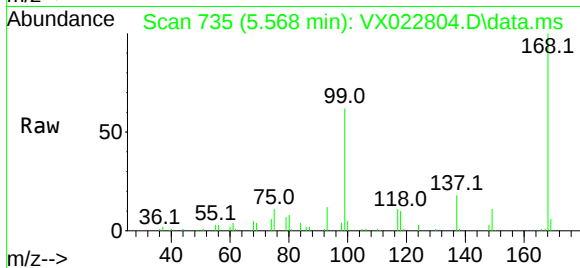
Delta R.T. -0.134 min

Lab File: VX022804.D

Acq: 21 Jun 2021 18:57

Tgt Ion: 75	Resp: 5286
Ion Ratio	Lower Upper
75 100	
110 5.5	18.1 54.4#
77 0.0	25.3 37.9#

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#38

Carbon Tetrachloride

Concen: 6.786 ug/l

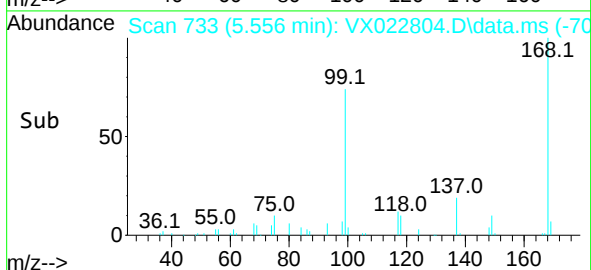
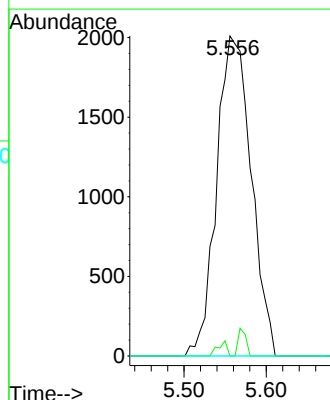
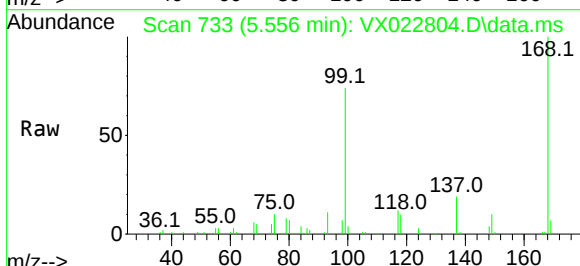
RT: 5.556 min Scan# 733

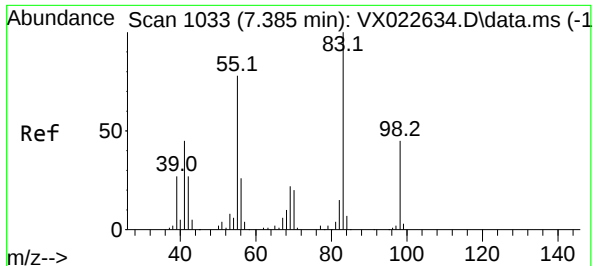
Delta R.T. -0.122 min

Lab File: VX022804.D

Acq: 21 Jun 2021 18:57

Tgt Ion: 117	Resp: 5867
Ion Ratio	Lower Upper
117 100	
119 0.0	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 1.260 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022804.D

Acq: 21 Jun 2021 18:57

Tgt Ion: 83 Resp: 1329

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

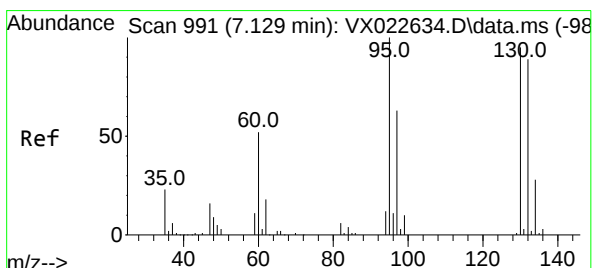
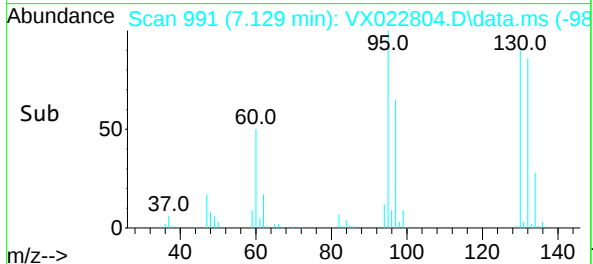
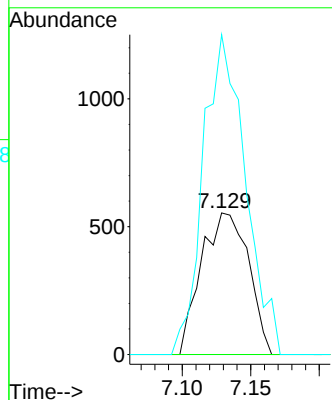
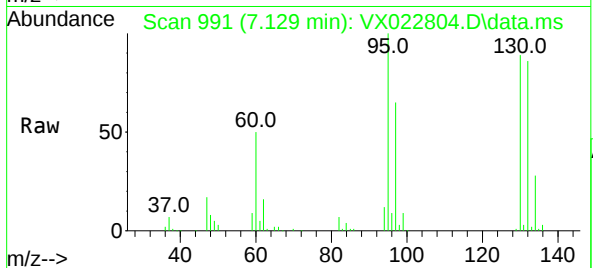
98 225.8 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20210618



#44

Trichloroethene

Concen: 134.173 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022804.D

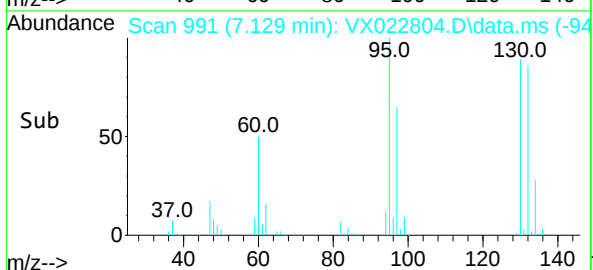
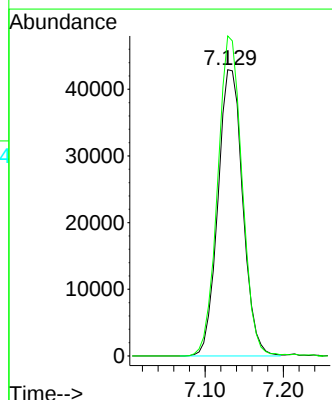
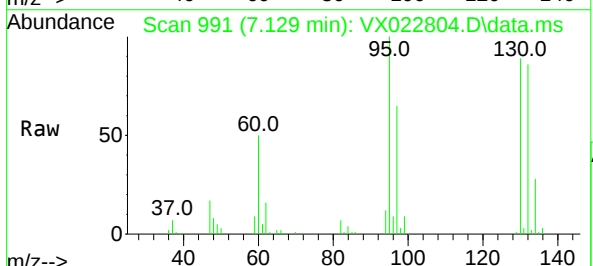
Acq: 21 Jun 2021 18:57

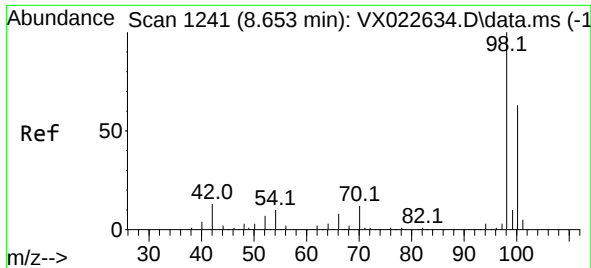
Tgt Ion:130 Resp: 94711

Ion Ratio Lower Upper

130 100

95 111.8 0.0 198.0

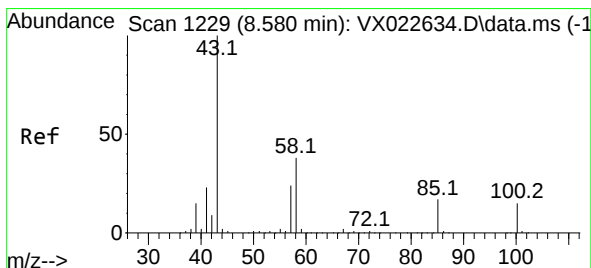
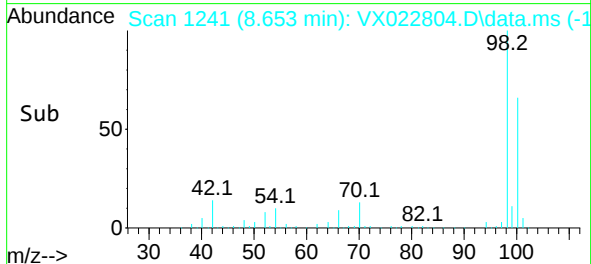
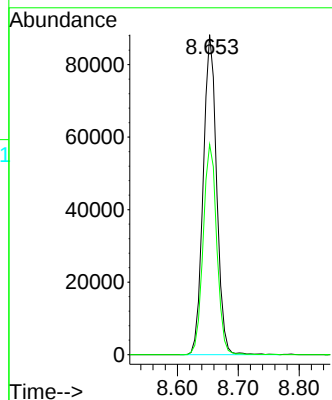
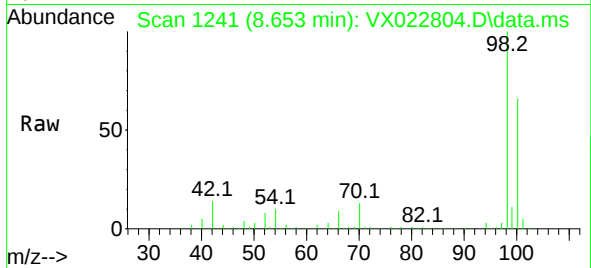




#50
Toluene-d8
Concen: 52.969 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

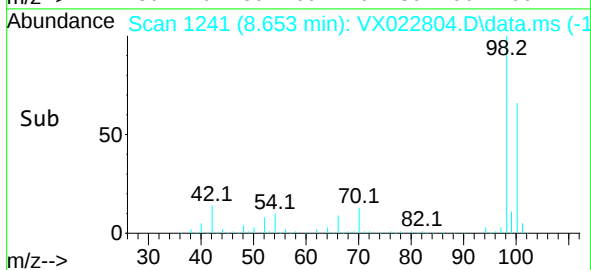
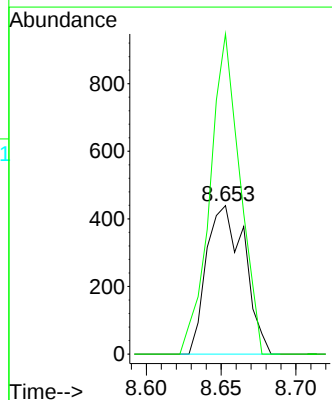
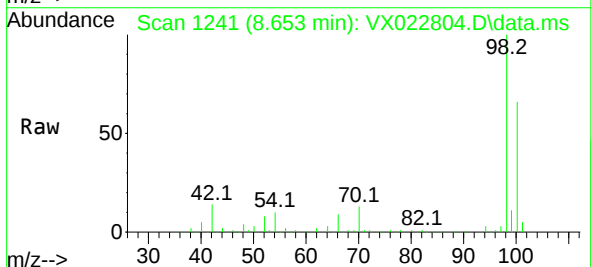
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618

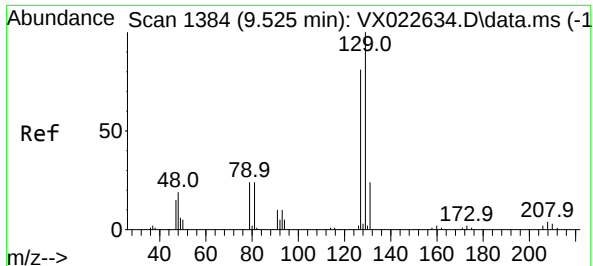
Tgt Ion: 98 Resp: 135140
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 170.0 35.4 53.0#

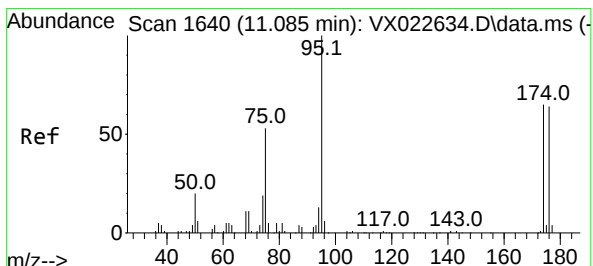
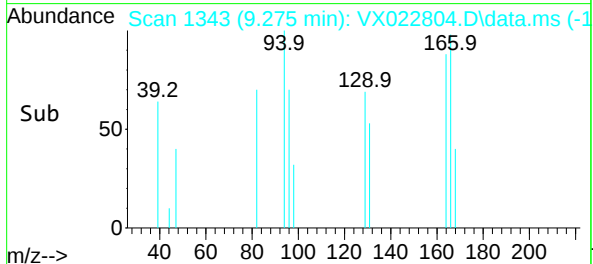
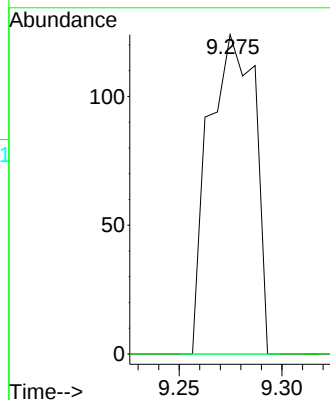
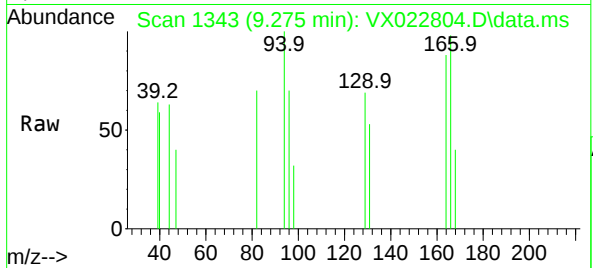




#60
Dibromochloromethane
Concen: 3.410 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

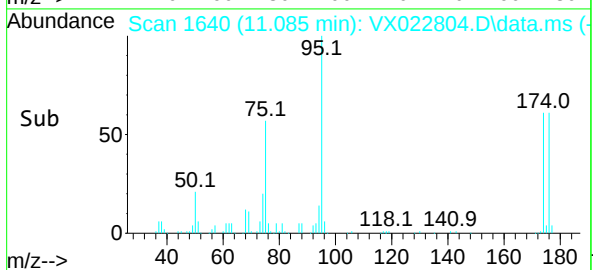
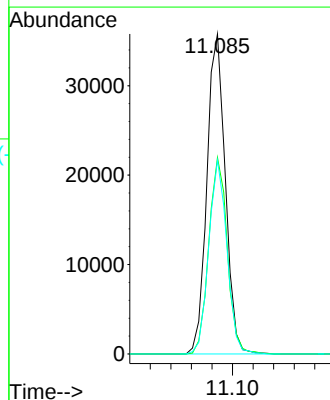
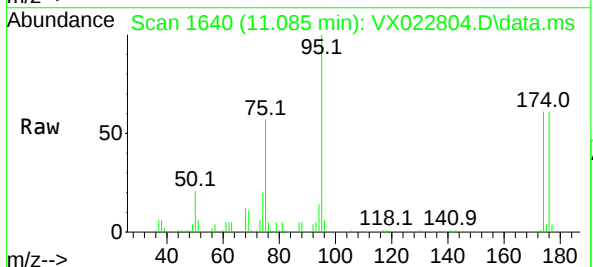
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618

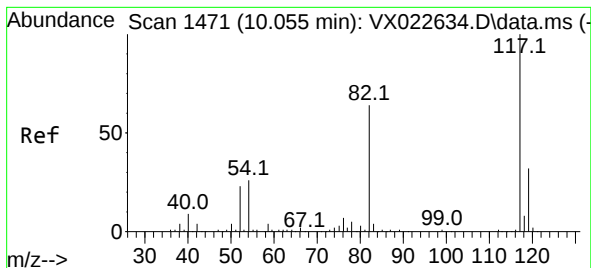
Tgt Ion:129 Resp: 194
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Tgt Ion: 95 Resp: 44463
Ion Ratio Lower Upper
95 100
174 61.7 0.0 154.6
176 59.8 0.0 155.8

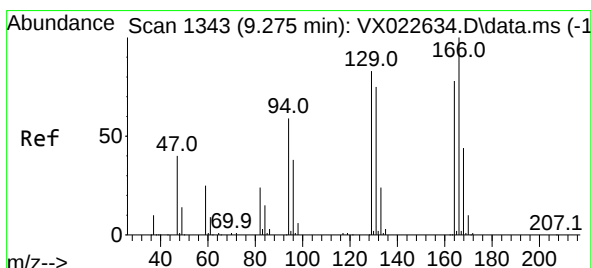
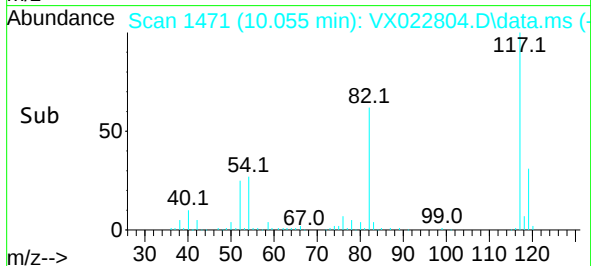
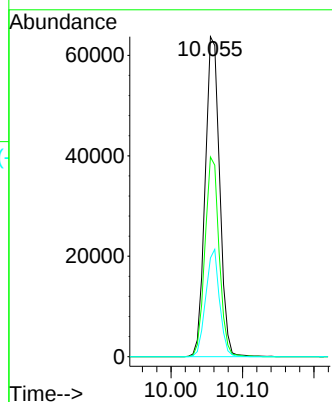
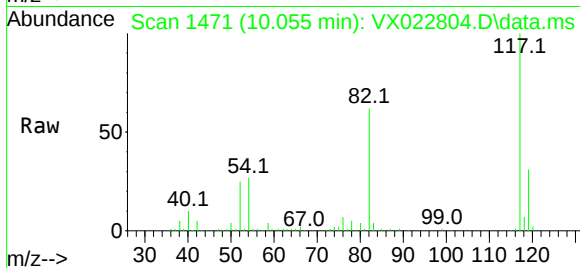




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

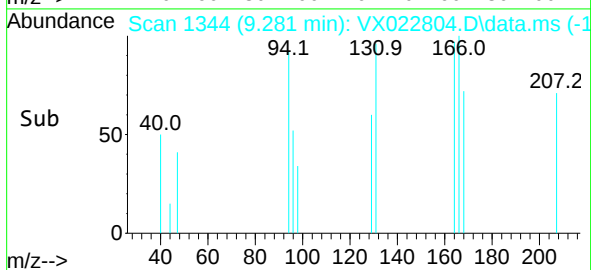
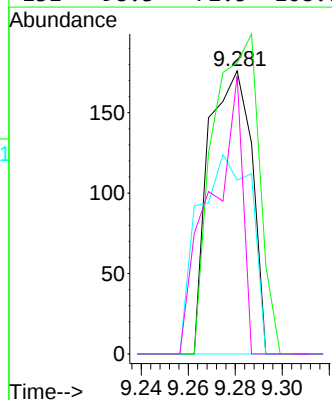
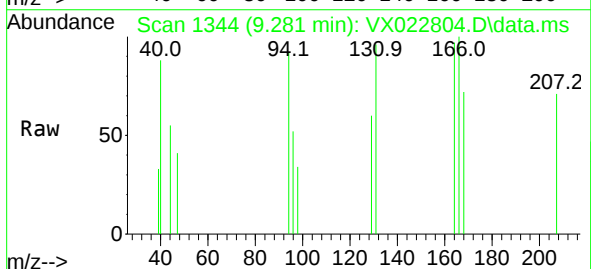
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210618

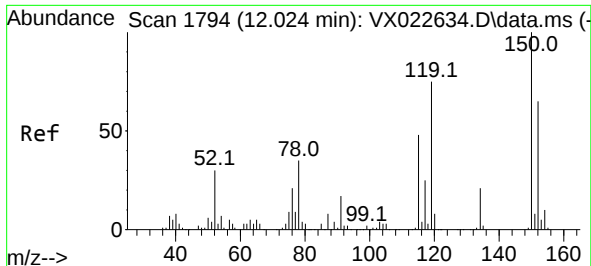
Tgt Ion:117 Resp: 89831
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 30.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.393 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022804.D
Acq: 21 Jun 2021 18:57

Tgt Ion:164 Resp: 223
Ion Ratio Lower Upper
164 100
166 102.8 103.4 155.2#
129 61.4 70.8 106.2#
131 98.3 72.5 108.7

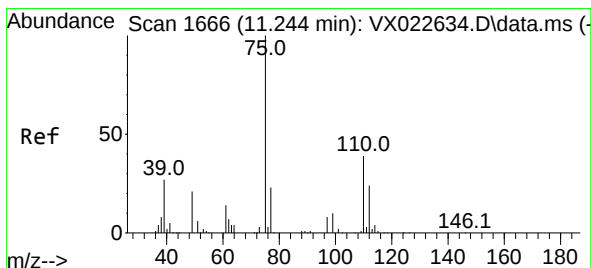
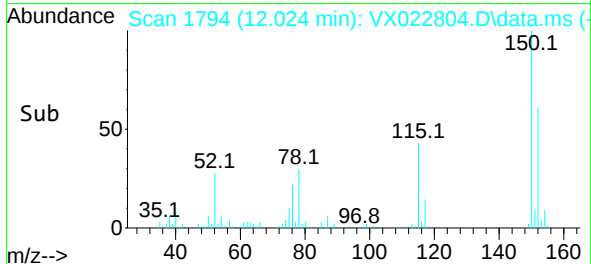
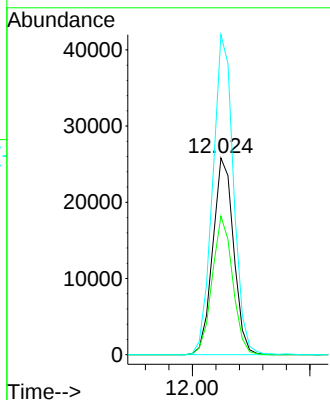
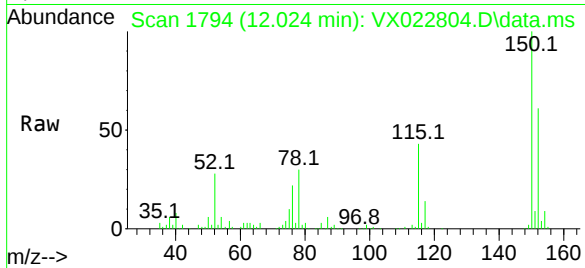




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022804.D
 Acq: 21 Jun 2021 18:57

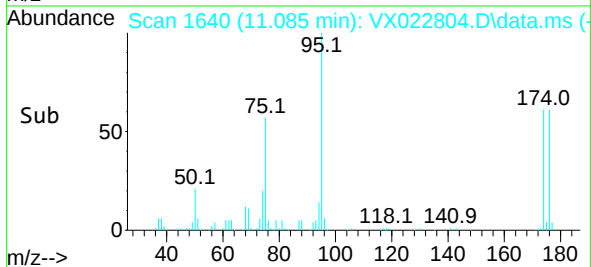
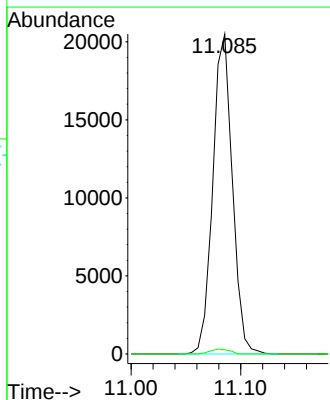
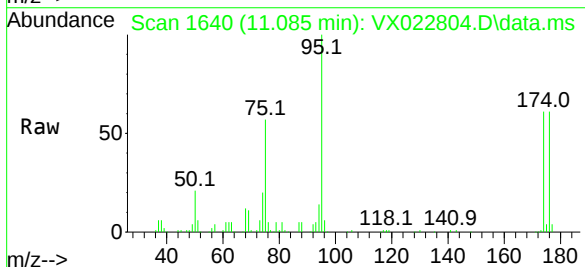
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210618

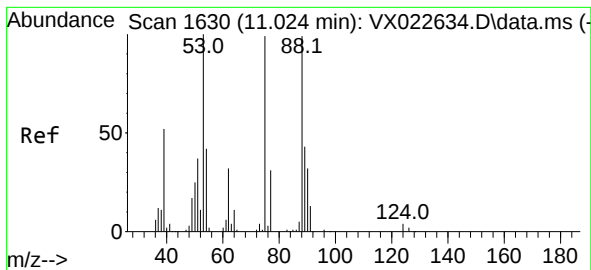
Tgt Ion:152 Resp: 31831
 Ion Ratio Lower Upper
 152 100
 115 68.8 41.1 123.3
 150 162.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.063 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022804.D
 Acq: 21 Jun 2021 18:57

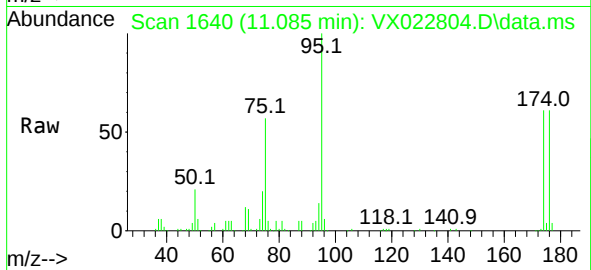
Tgt Ion: 75 Resp: 25372
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.480 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022804.D
 Acq: 21 Jun 2021 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210618



Tgt Ion: 75 Resp: 25372
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

