

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022788.D
 Acq On : 21 Jun 2021 12:39
 Operator : JC/MD
 Sample : M2773-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:11:40 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)

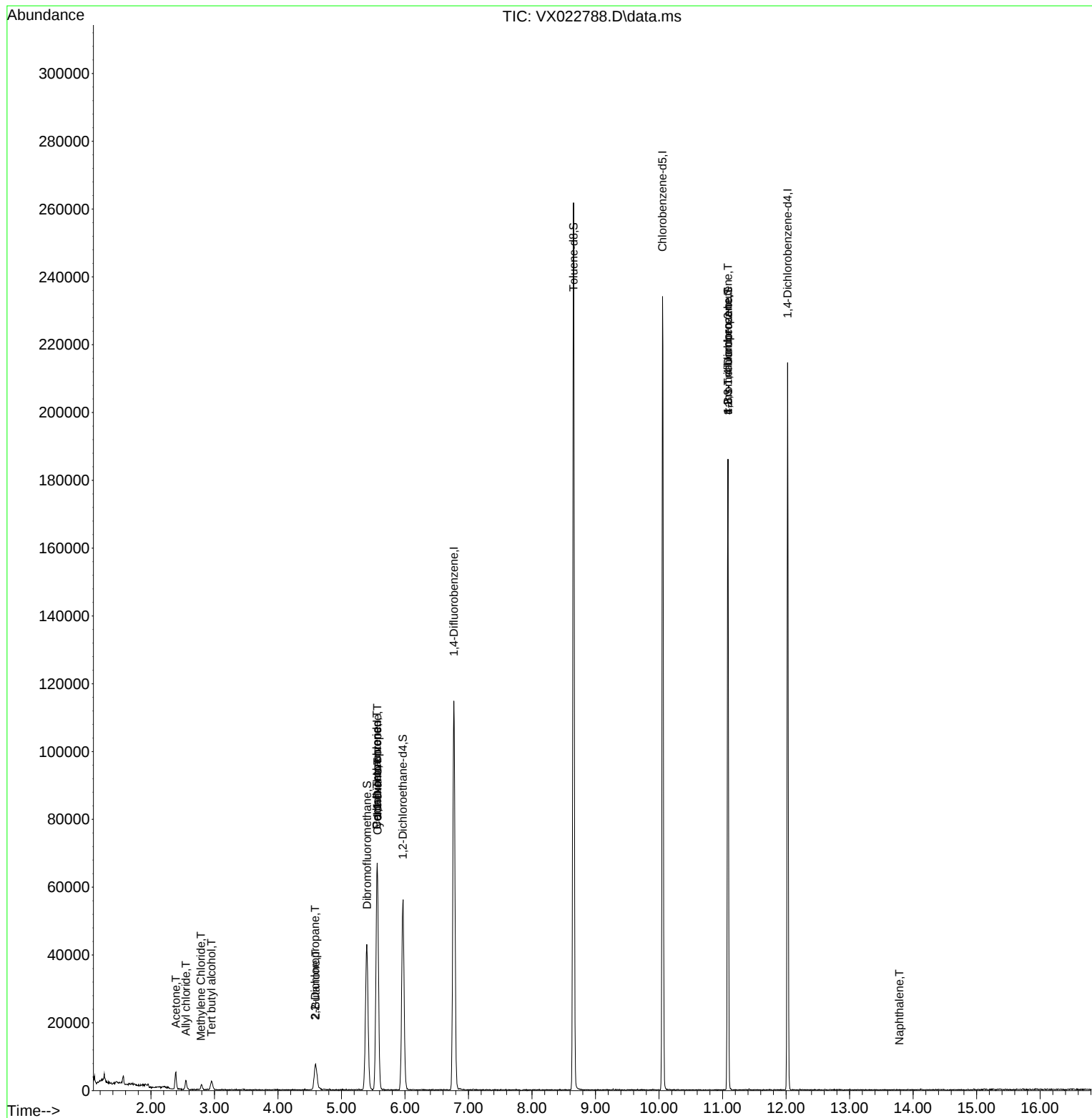
Internal Standards						
1) Pentafluorobenzene	5.556	168	55989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51342	50.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.980%	
35) Dibromofluoromethane	5.403	113	36514	51.940	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	8.653	98	145838	52.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	11.085	95	50600	48.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2092	8.973	ug/l	# 73
14) Allyl chloride	2.550	41	285	0.217	ug/l	# 9
16) Acetone	2.392	43	5448	12.083	ug/l	91
20) Methylene Chloride	2.788	84	718	0.550	ug/l	# 78
25) 2-Butanone	4.593	43	521	0.712	ug/l	# 45
26) 2,2-Dichloropropane	4.587	77	532	0.462	ug/l	# 52
31) Cyclohexane	5.568	56	1586	1.306	ug/l	# 19
36) 1,1-Dichloropropene	5.562	75	6034	5.496	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6543	6.967	ug/l	# 15
76) 1,2,3-Trichloropropane	11.085	75	27507	28.170	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27507	70.169	ug/l	# 12
95) Naphthalene	13.786	128	75	1.498	ug/l	# 69

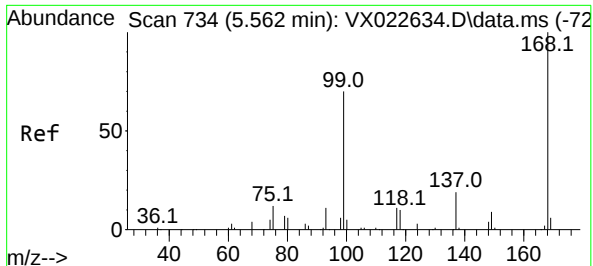
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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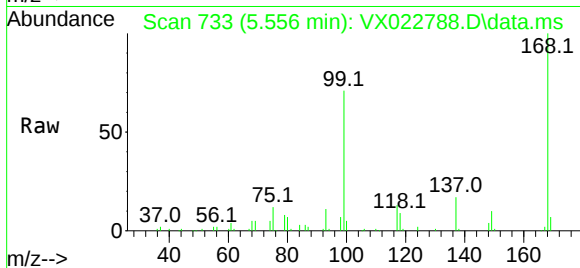
Quant Time: Jun 22 01:11:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



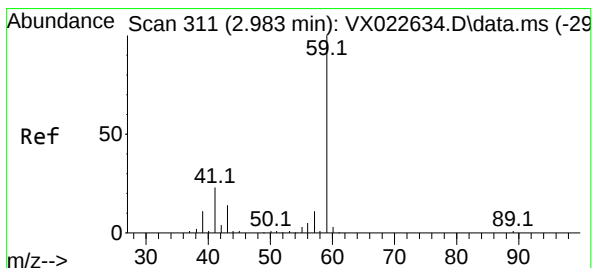
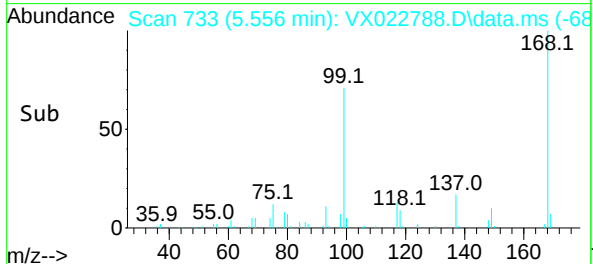
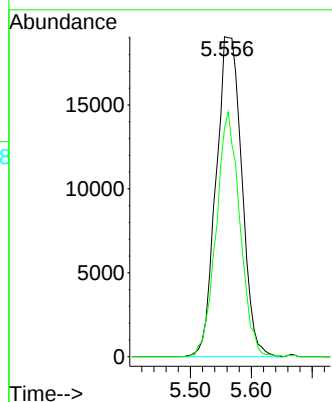


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Instrument :
MSVOA_X
ClientSampleId :

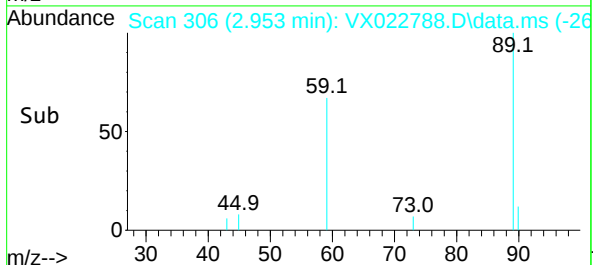
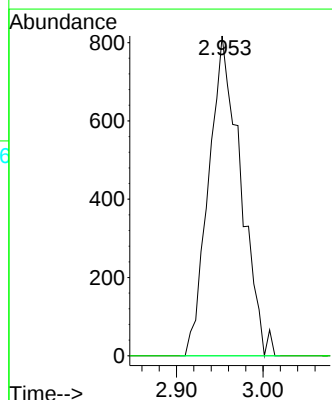
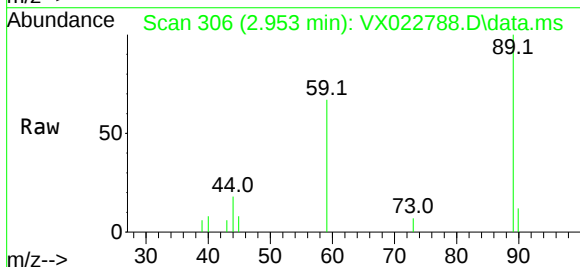


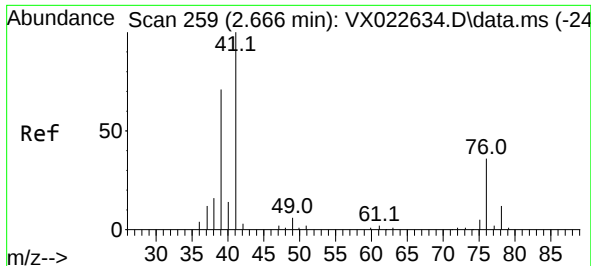
Tgt Ion:168 Resp: 55989
Ion Ratio Lower Upper
168 100
99 71.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 8.973 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

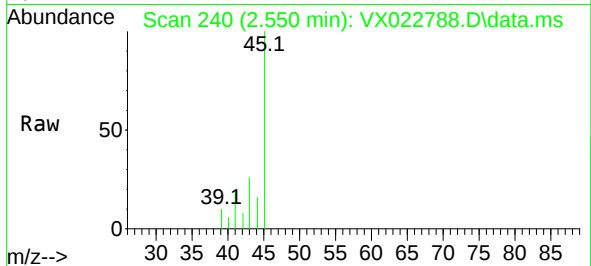
Tgt Ion: 59 Resp: 2092
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



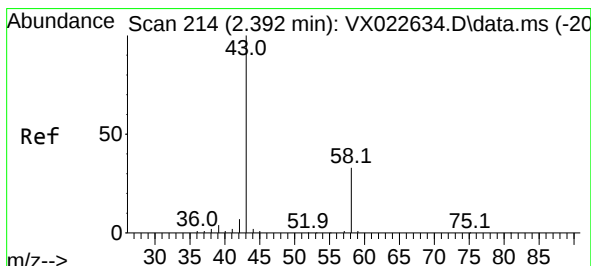
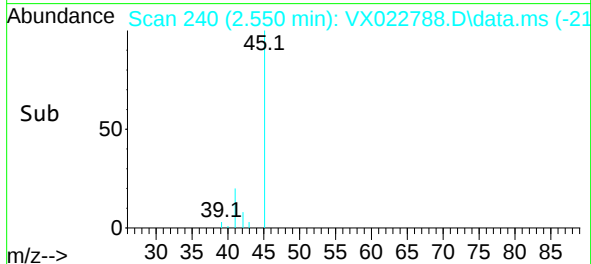
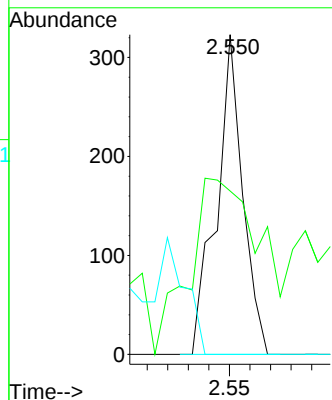


#14
Allyl chloride
Concen: 0.217 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Instrument :
MSVOA_X
ClientSampled :

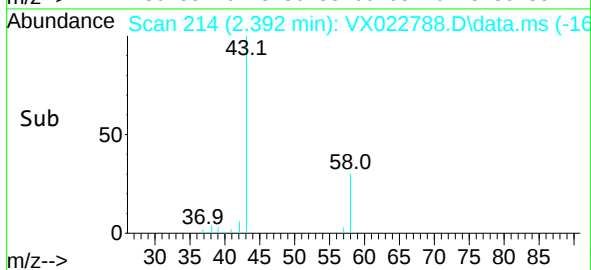
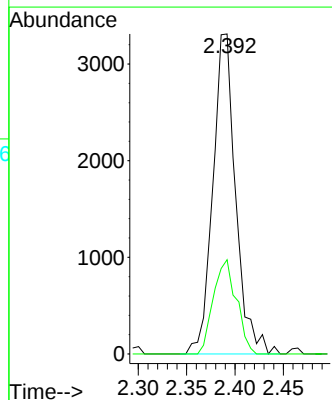
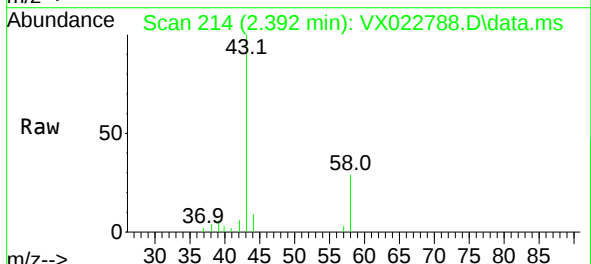


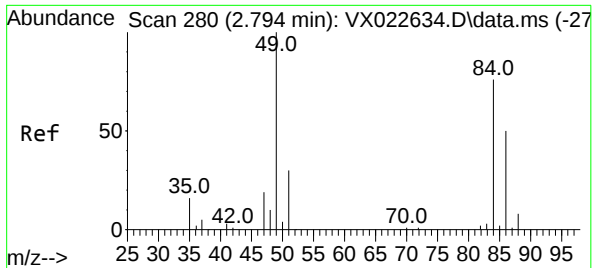
Tgt Ion: 41 Resp: 285
Ion Ratio Lower Upper
41 100
39 148.8 51.6 77.4#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 12.083 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8





#20

Methylene Chloride

Concen: 0.550 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022788.D

Acq: 21 Jun 2021 12:39

Tgt Ion: 84 Resp: 718

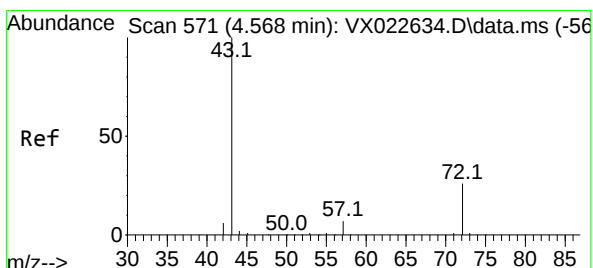
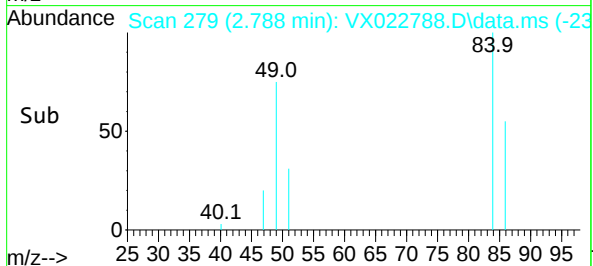
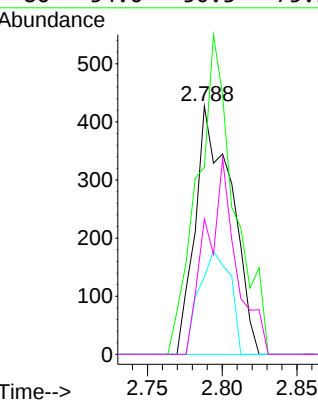
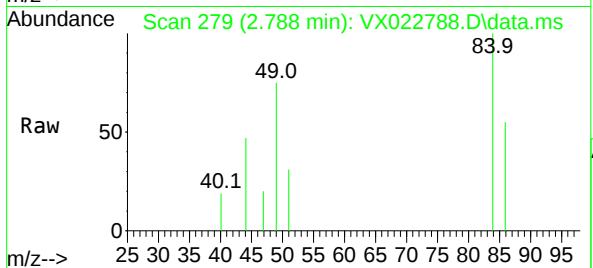
Ion Ratio Lower Upper

84 100

49 75.4 88.6 132.8#

51 31.1 27.0 40.6

86 54.6 50.3 75.5



#25

2-Butanone

Concen: 0.712 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX022788.D

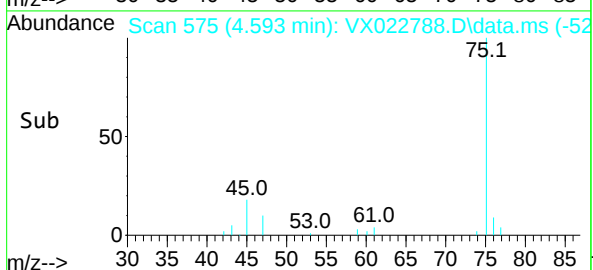
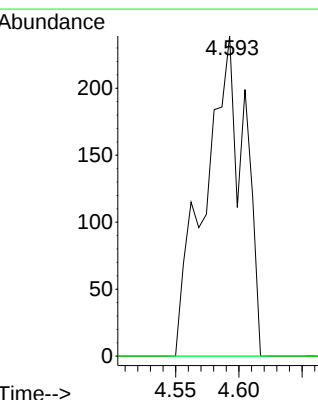
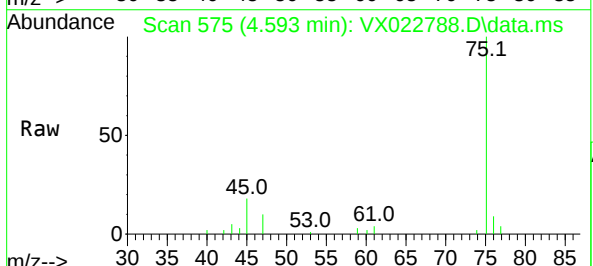
Acq: 21 Jun 2021 12:39

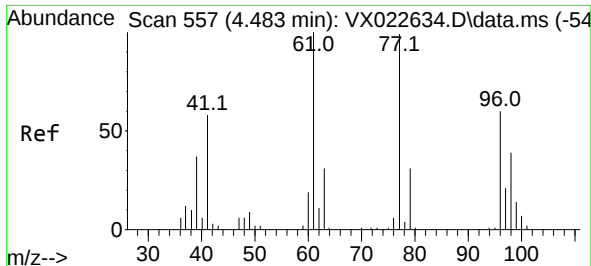
Tgt Ion: 43 Resp: 521

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.462 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.098 min

Lab File: VX022788.D

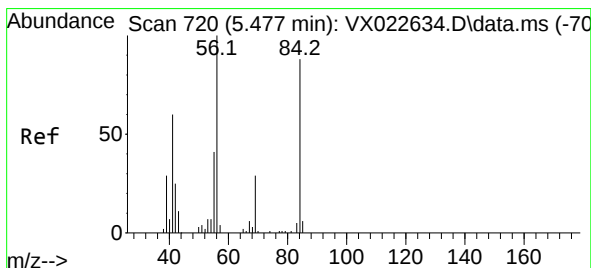
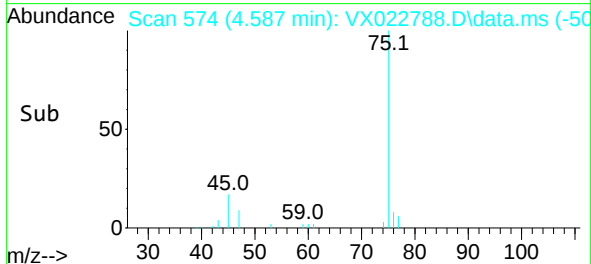
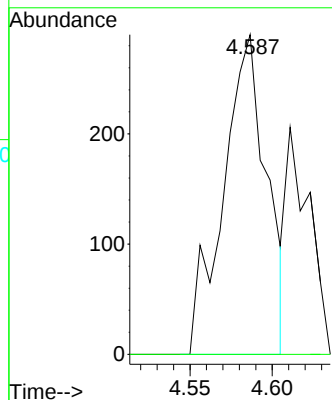
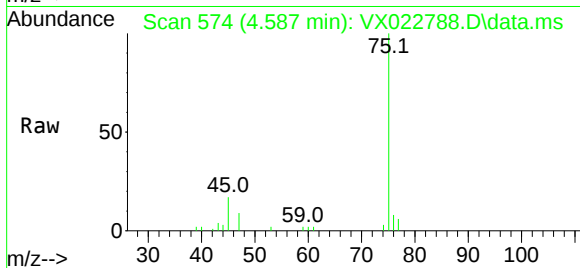
Acq: 21 Jun 2021 12:39

Tgt Ion: 77 Resp: 532

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.306 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX022788.D

Acq: 21 Jun 2021 12:39

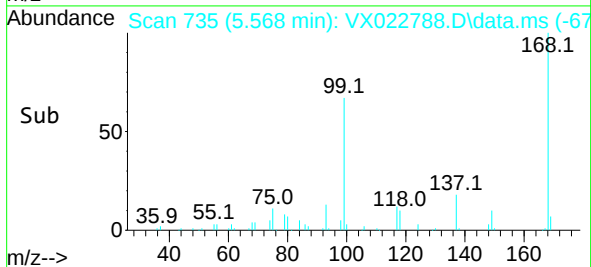
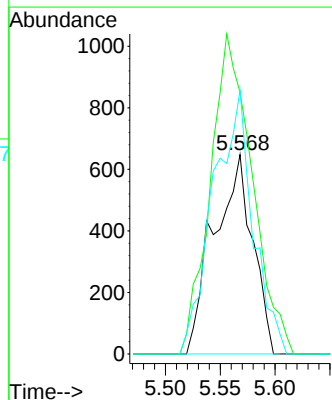
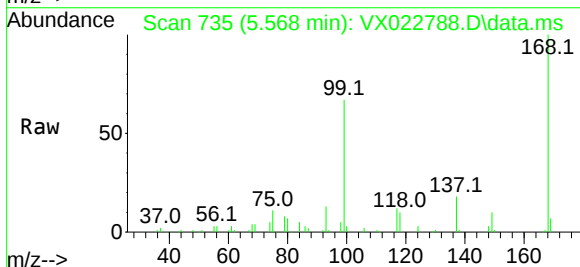
Tgt Ion: 56 Resp: 1586

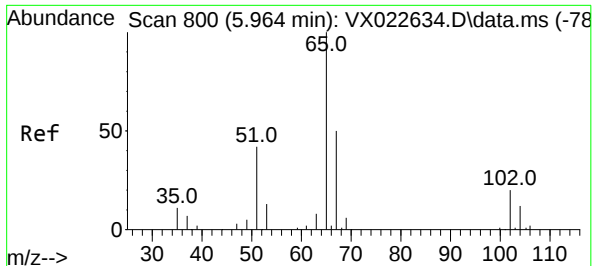
Ion Ratio Lower Upper

56 100

69 131.2 25.3 37.9#

84 132.3 71.4 107.0#



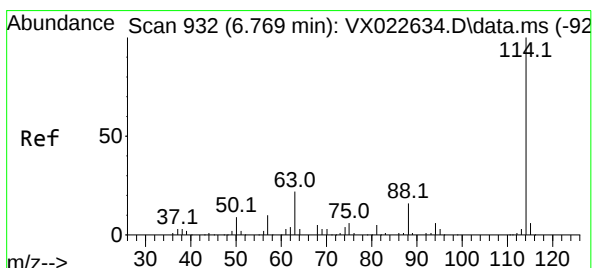
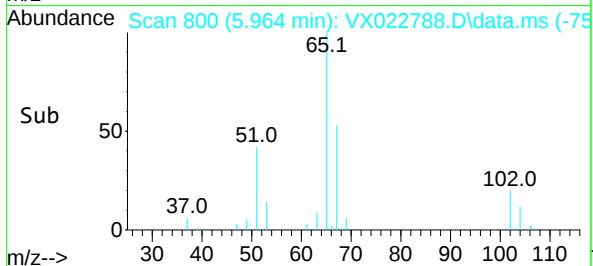
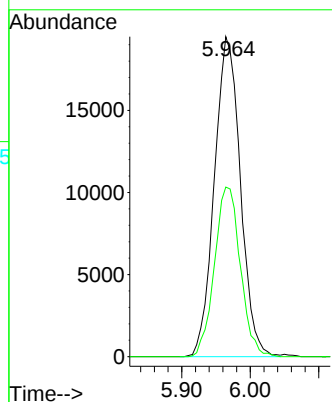
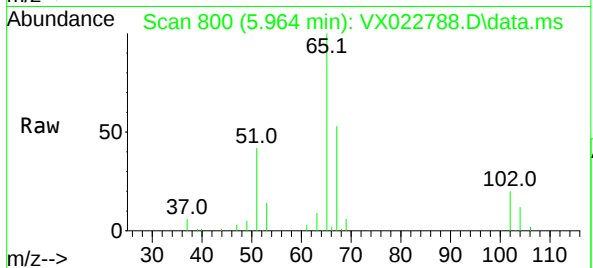


#33

1,2-Dichloroethane-d4
Concen: 50.988 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Instrument :
MSVOA_X
ClientSampled :

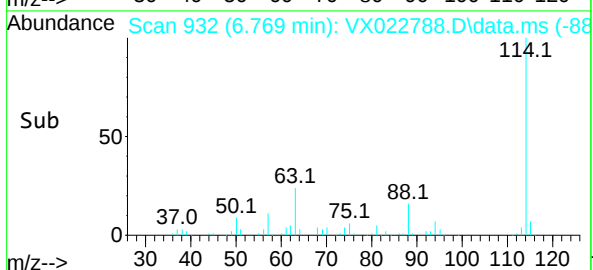
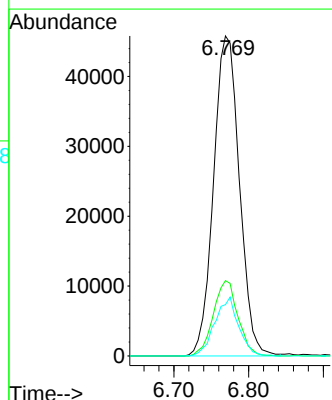
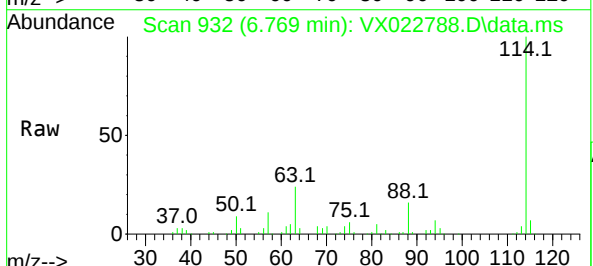
Tgt Ion: 65 Resp: 51342
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

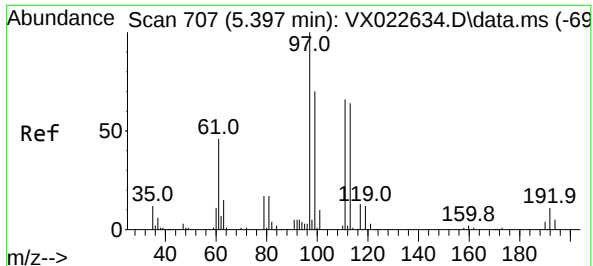


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Tgt Ion: 114 Resp: 110185
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.940 ug/l

RT: 5.403 min Scan# 708

Delta R.T. 0.012 min

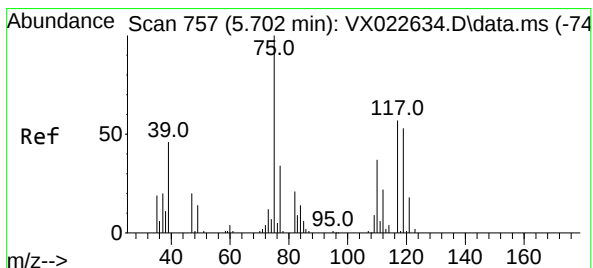
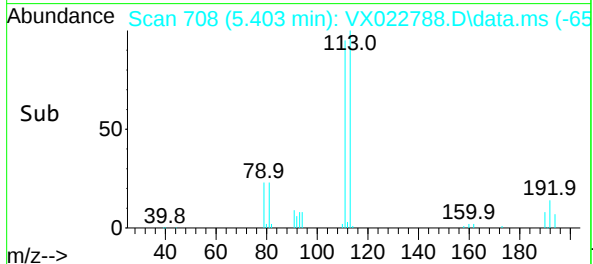
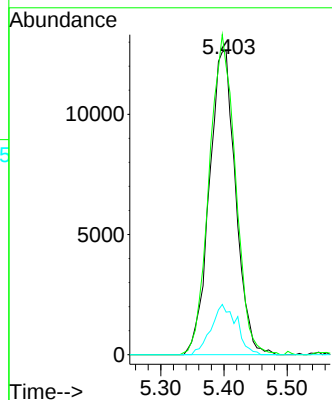
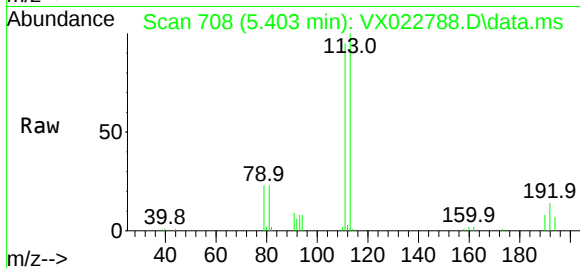
Lab File: VX022788.D

Acq: 21 Jun 2021 12:39

Tgt Ion:113 Resp: 36514

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.9	122.9
192	16.2	16.7	25.1#

Instrument :
MSVOA_X
ClientSampled :



#36

1,1-Dichloropropene

Concen: 5.496 ug/l

RT: 5.562 min Scan# 734

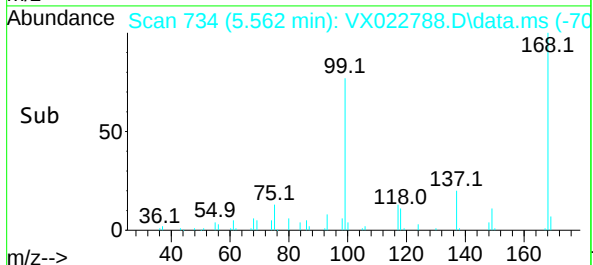
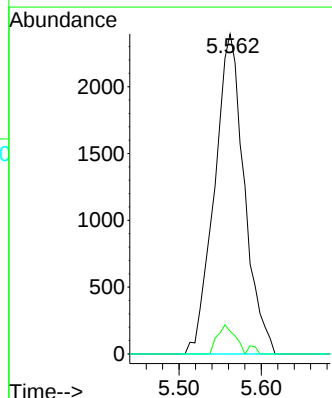
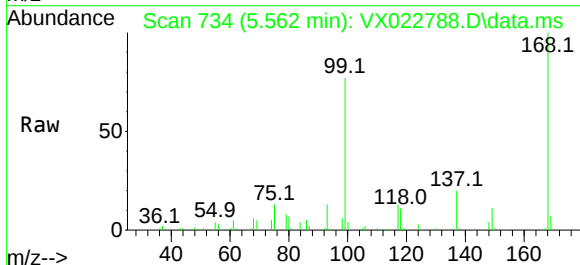
Delta R.T. -0.140 min

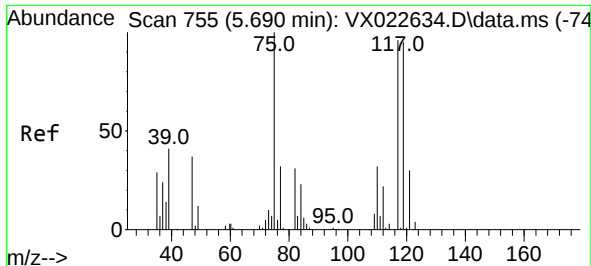
Lab File: VX022788.D

Acq: 21 Jun 2021 12:39

Tgt Ion: 75 Resp: 6034

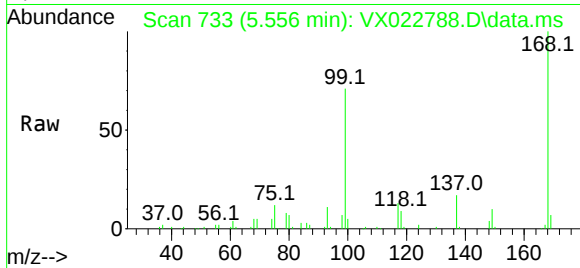
Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.1	54.4#
77	0.0	25.3	37.9#



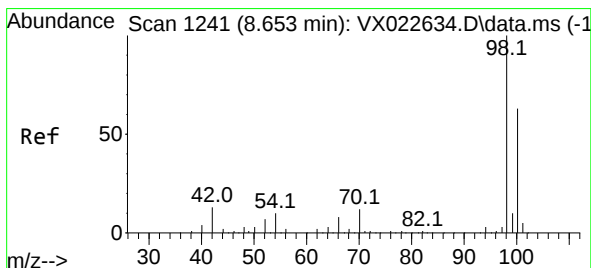
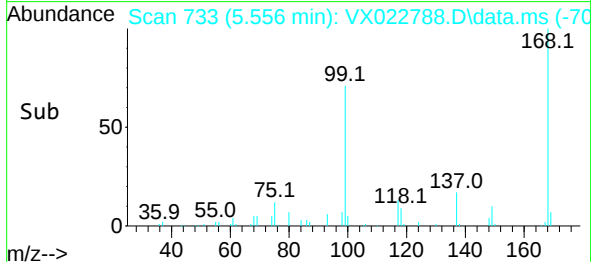
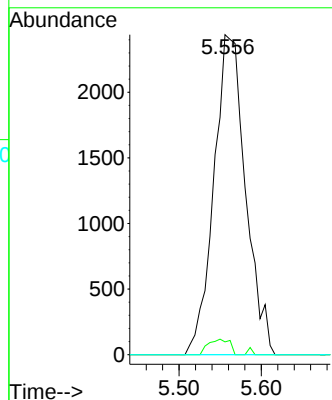


#38
Carbon Tetrachloride
Concen: 6.967 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Instrument :
MSVOA_X
ClientSampled :

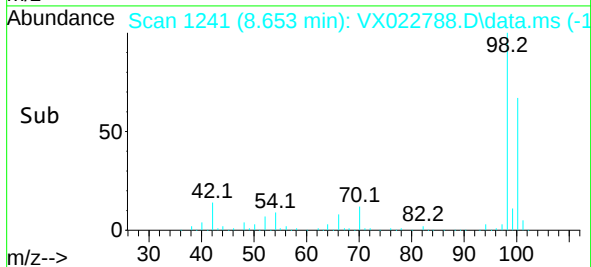
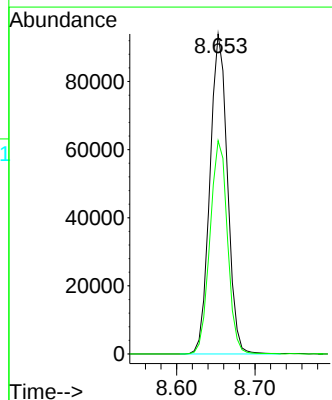
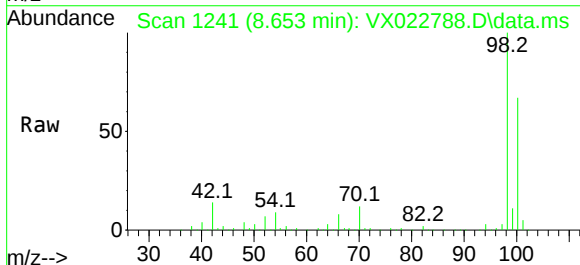


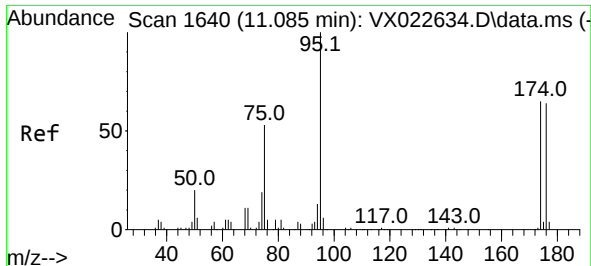
Tgt Ion:117 Resp: 6543
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.625 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Tgt Ion: 98 Resp: 145838
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

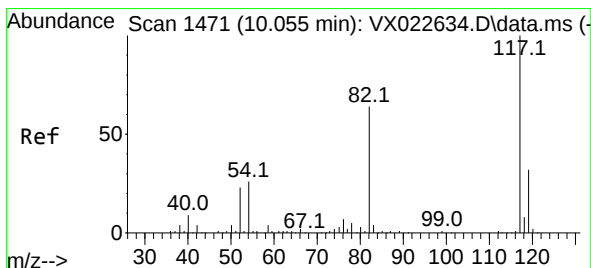
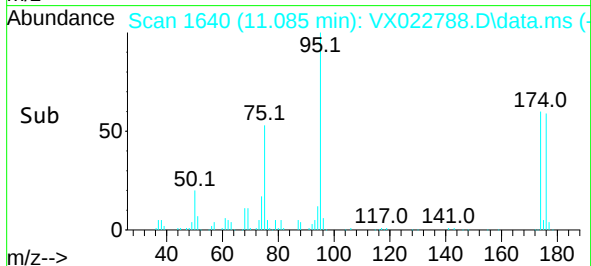
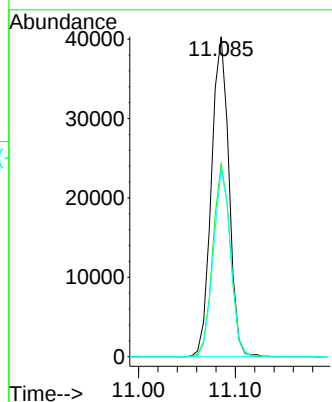
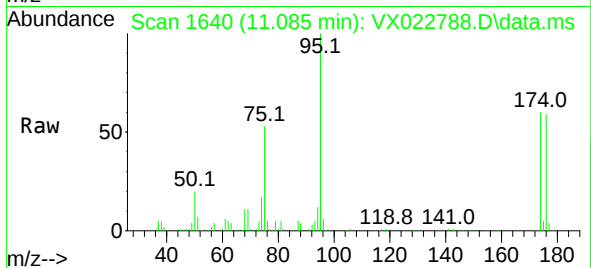




#62
4-Bromofluorobenzene
Concen: 48.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

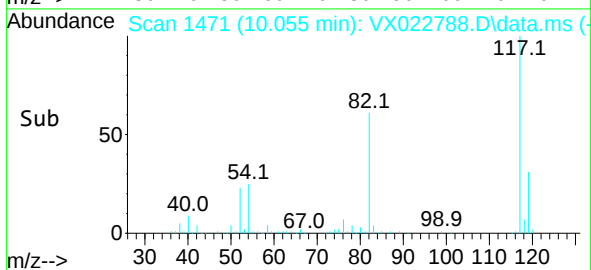
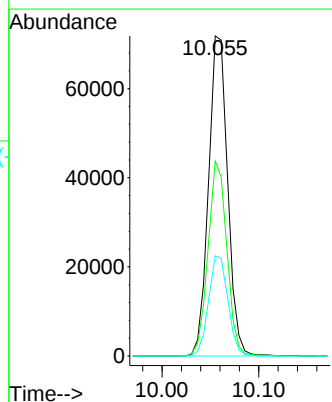
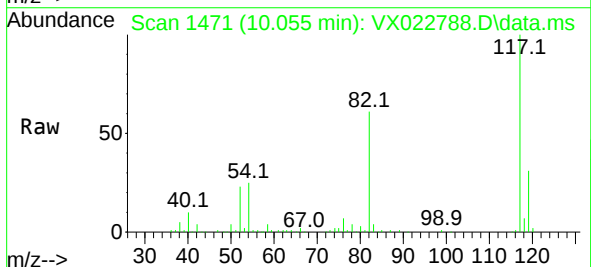
Instrument :
MSVOA_X
ClientSampled :

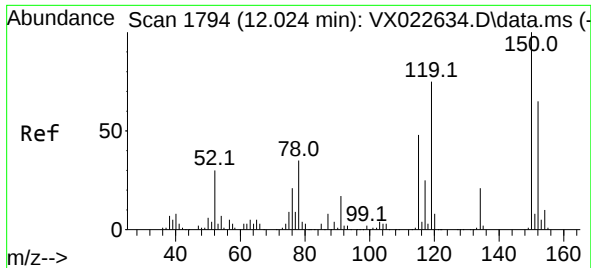
Tgt Ion: 95 Resp: 50600
Ion Ratio Lower Upper
95 100
174 60.2 0.0 154.6
176 58.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Tgt Ion: 117 Resp: 99116
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.3 26.6 39.8

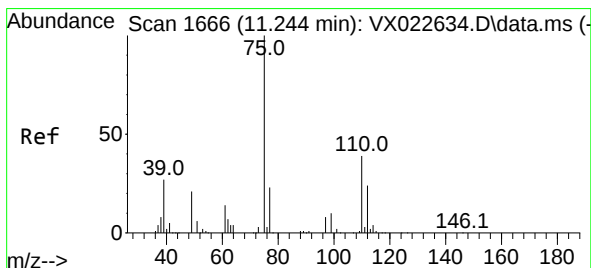
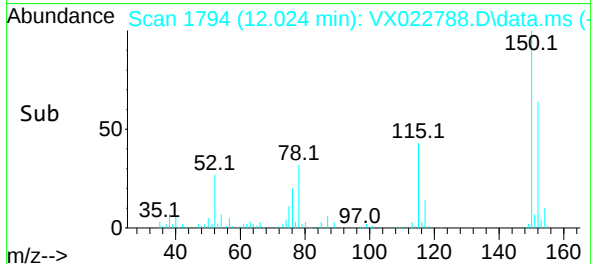
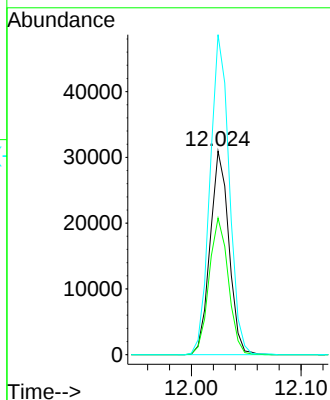
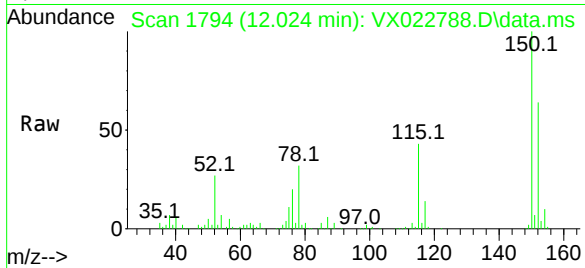




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022788.D
 Acq: 21 Jun 2021 12:39

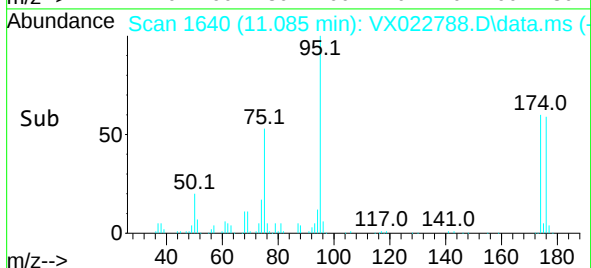
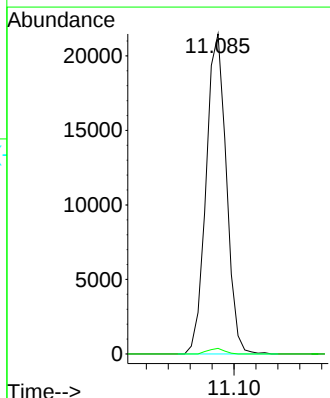
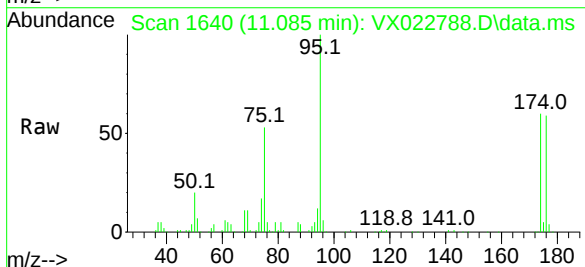
Instrument :
 MSVOA_X
 ClientSampled :

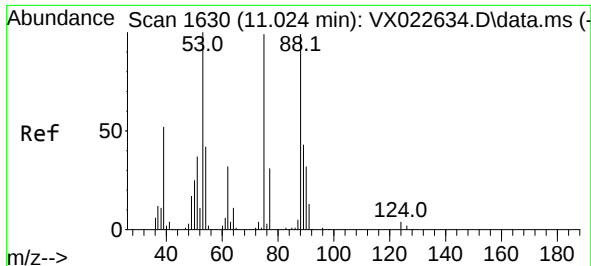
Tgt Ion:152 Resp: 36828
 Ion Ratio Lower Upper
 152 100
 115 68.7 41.1 123.3
 150 160.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.170 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022788.D
 Acq: 21 Jun 2021 12:39

Tgt Ion: 75 Resp: 27507
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

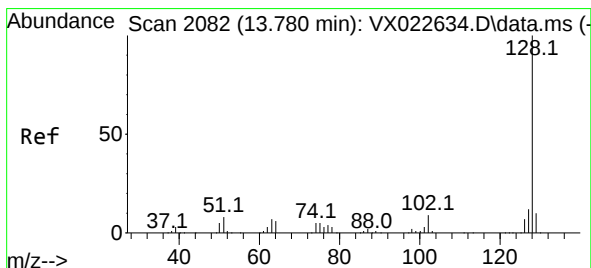
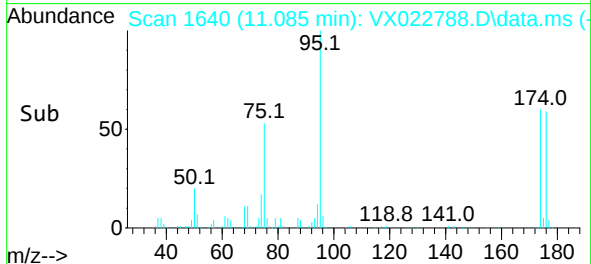
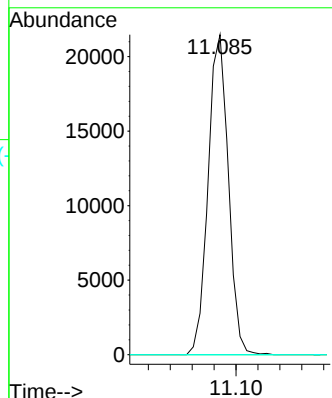
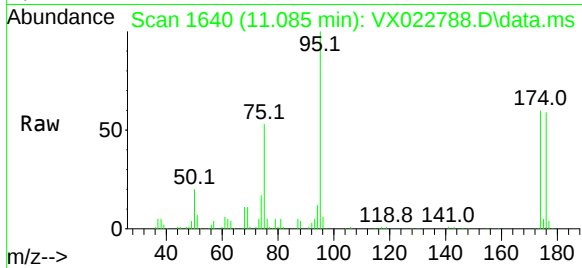




#81
trans-1,4-Dichloro-2-butene
Concen: 70.169 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27507
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.498 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022788.D
Acq: 21 Jun 2021 12:39

Tgt Ion: 128 Resp: 75
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

