

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022793.D
 Acq On : 21 Jun 2021 14:37
 Operator : JC/MD
 Sample : M2783-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20210617

Quant Time: Jun 22 01:13:01 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)

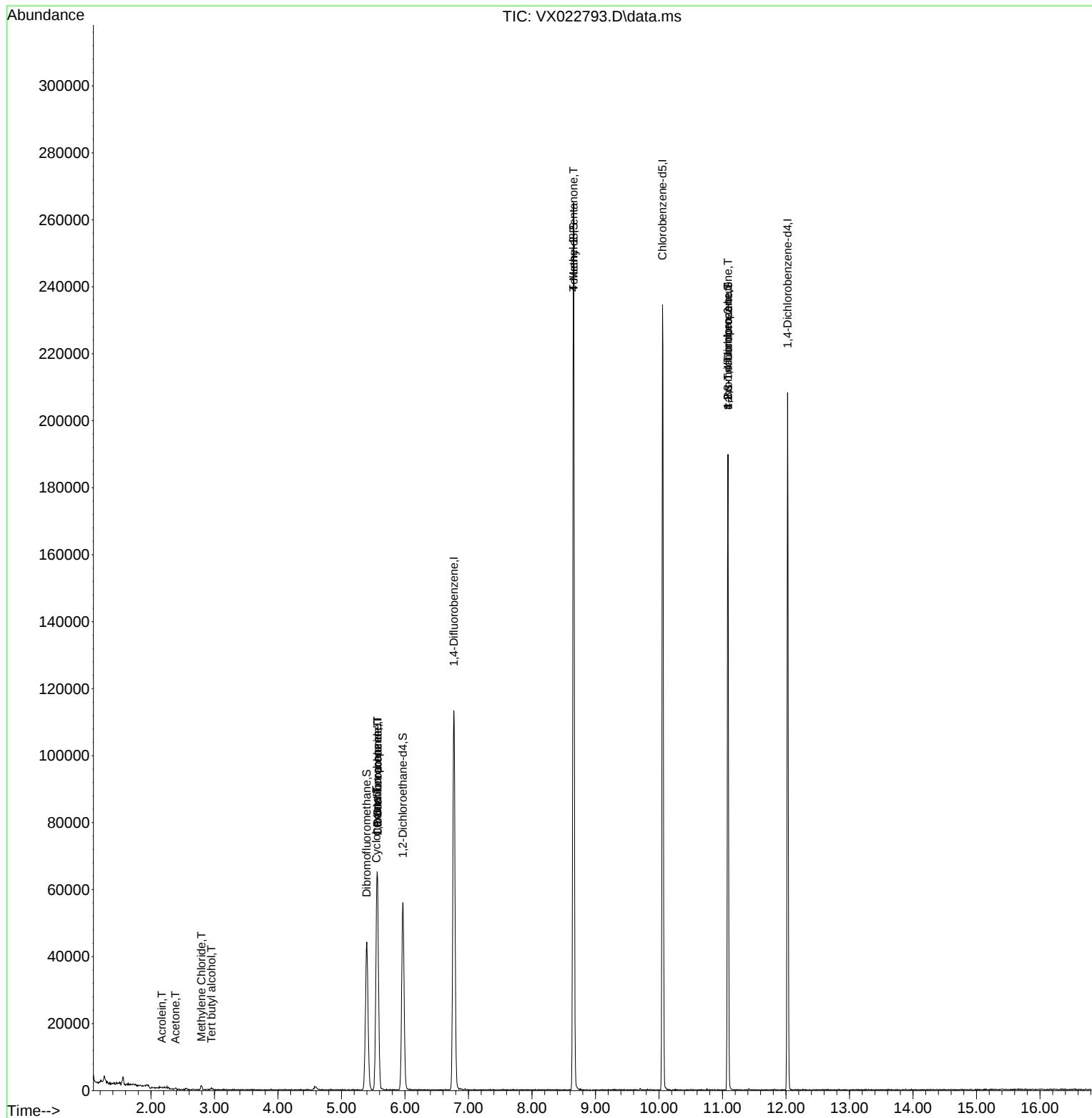
Internal Standards						
1) Pentafluorobenzene	5.562	168	53915	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51914	53.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.080%	
35) Dibromofluoromethane	5.397	113	37453	52.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.600%	
50) Toluene-d8	8.653	98	146621	51.934	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	11.085	95	50249	47.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	380	1.693	ug/l	# 73
13) Acrolein	2.172	56	45	0.478	ug/l	# 14
16) Acetone	2.386	43	404	0.930	ug/l	96
20) Methylene Chloride	2.794	84	555	0.386	ug/l	# 71
31) Cyclohexane	5.550	56	857	0.733	ug/l	# 42
36) 1,1-Dichloropropene	5.568	75	6113	5.466	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	6676	6.978	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	709	0.498	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	27437	27.679	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27437	69.050	ug/l	# 12

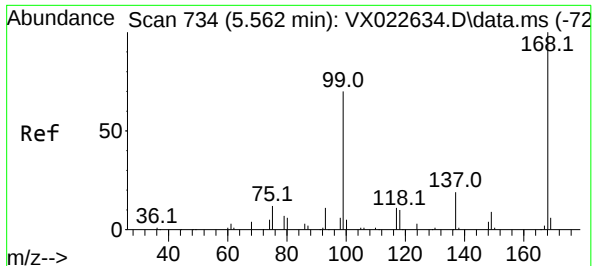
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 01:13:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
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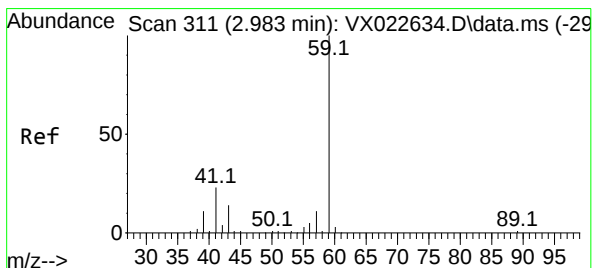
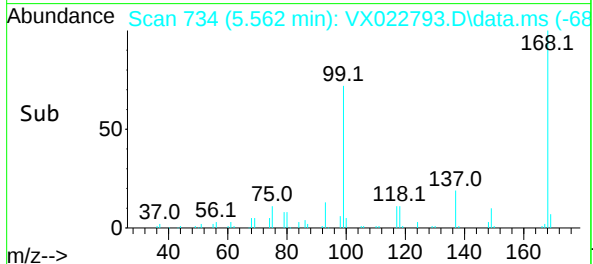
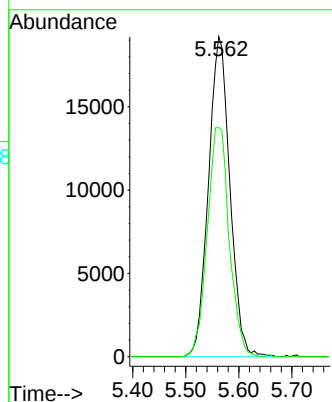
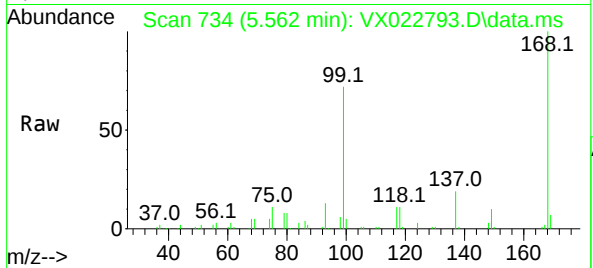




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

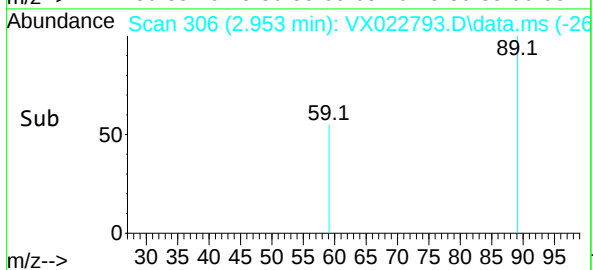
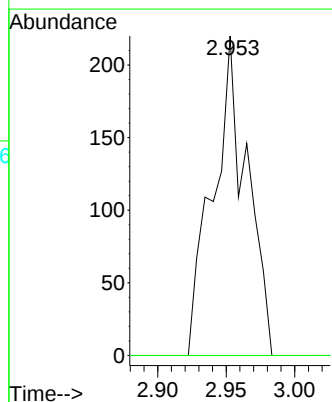
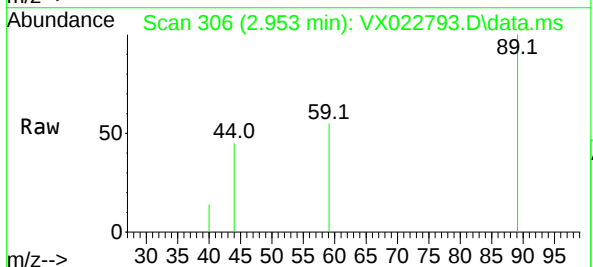
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

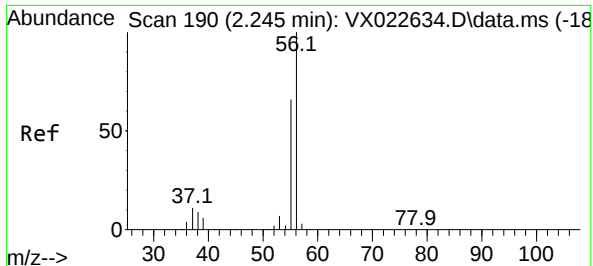
Tgt Ion:168 Resp: 53915
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#11
Tert butyl alcohol
Concen: 1.693 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

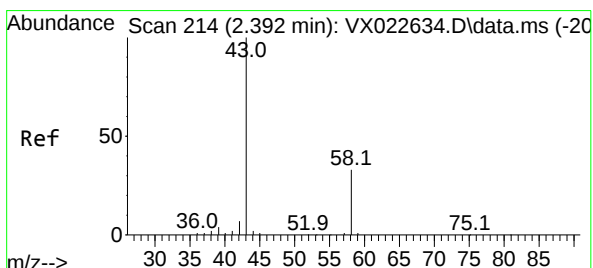
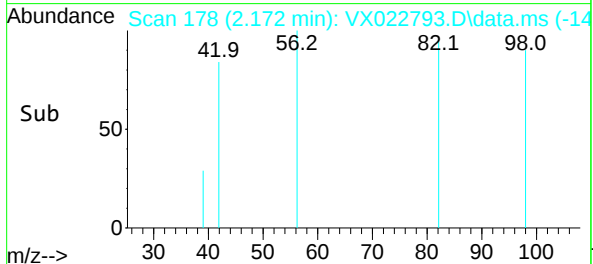
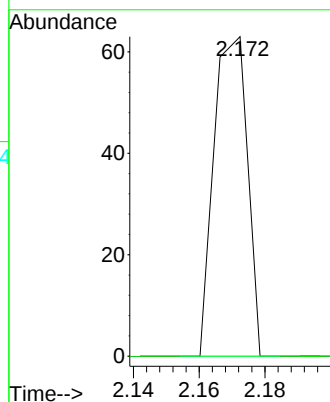
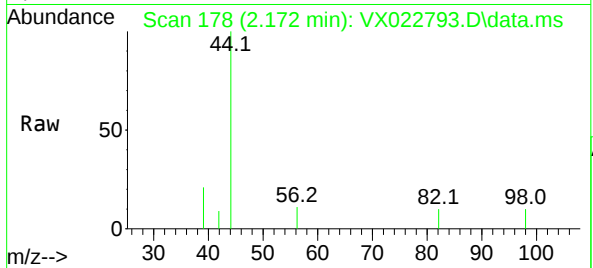




#13
Acrolein
Concen: 0.478 ug/l
RT: 2.172 min Scan# 178
Delta R.T. -0.067 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

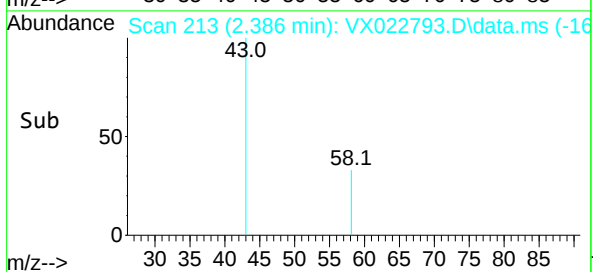
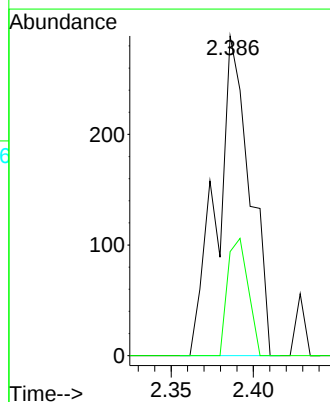
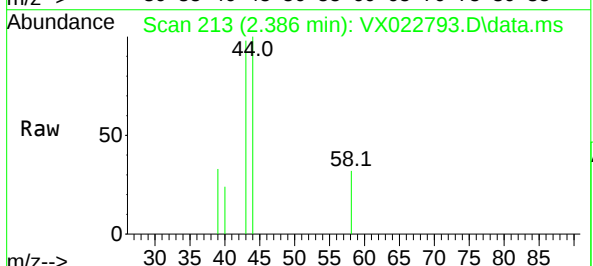
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

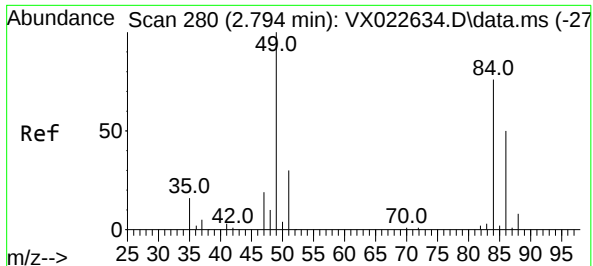
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.930 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8





#20

Methylene Chloride

Concen: 0.386 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022793.D

Acq: 21 Jun 2021 14:37

Tgt Ion: 84 Resp: 555

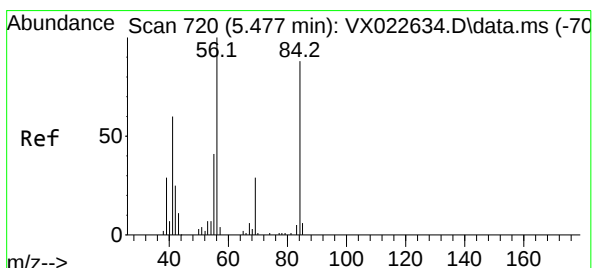
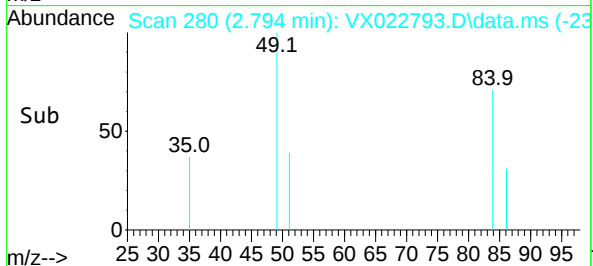
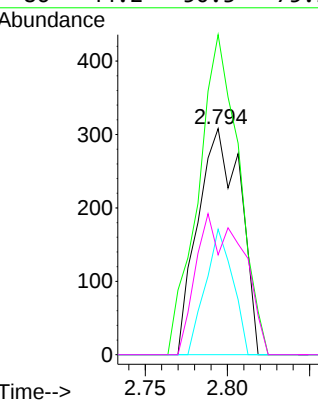
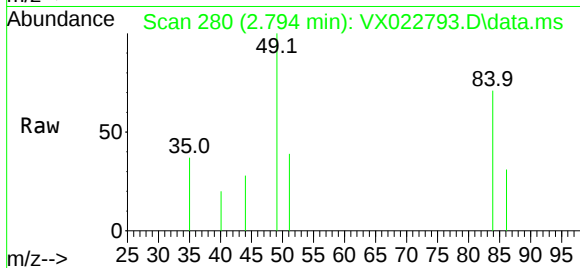
Ion Ratio Lower Upper

84 100

49 141.6 88.6 132.8#

51 55.5 27.0 40.6#

86 44.2 50.3 75.5#



#31

Cyclohexane

Concen: 0.733 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX022793.D

Acq: 21 Jun 2021 14:37

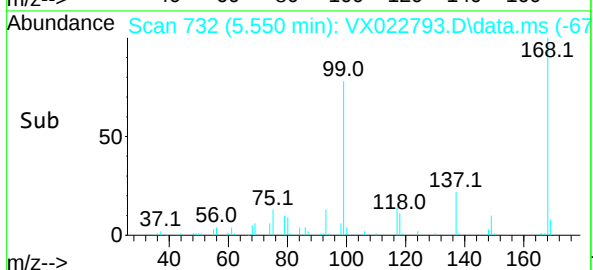
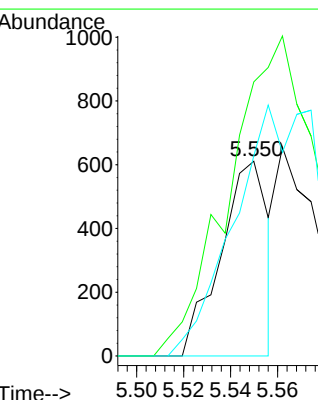
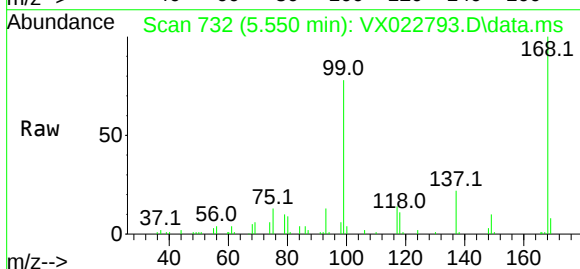
Tgt Ion: 56 Resp: 857

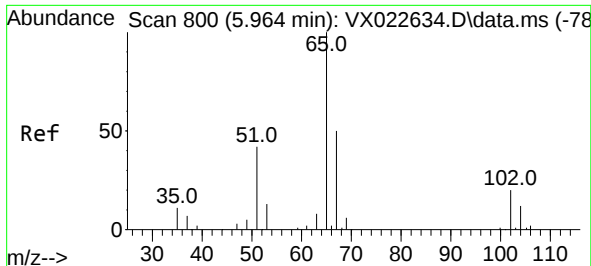
Ion Ratio Lower Upper

56 100

69 131.8 25.3 37.9#

84 102.8 71.4 107.0



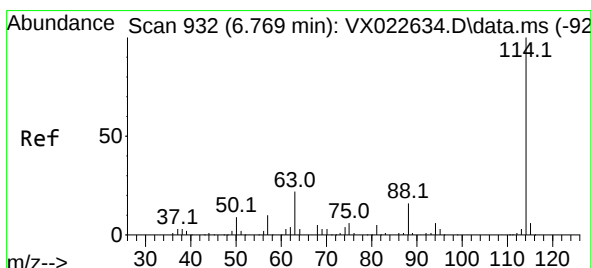
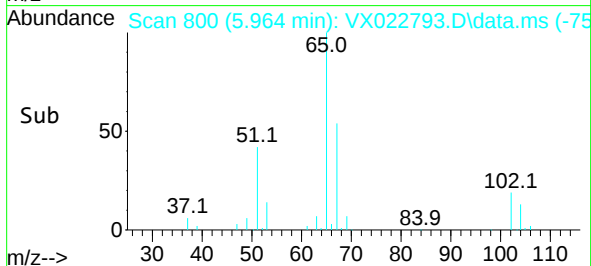
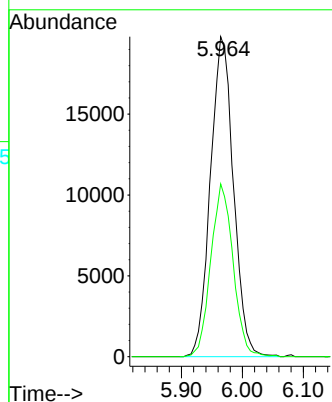
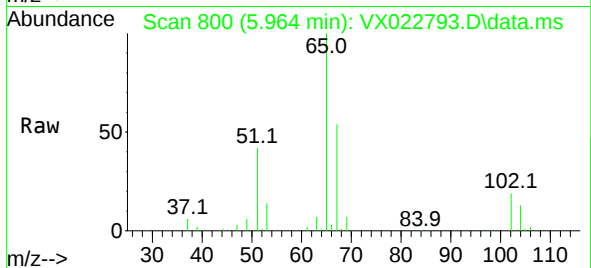


#33

1,2-Dichloroethane-d4
Concen: 53.539 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

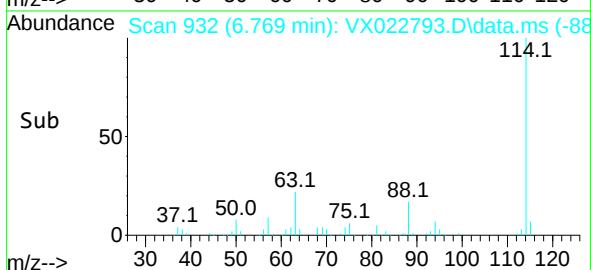
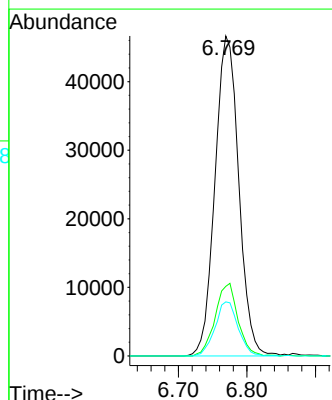
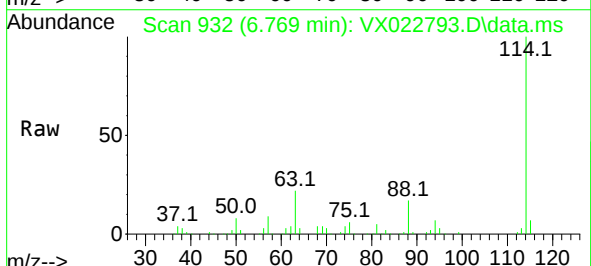
Tgt Ion: 65 Resp: 51914
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

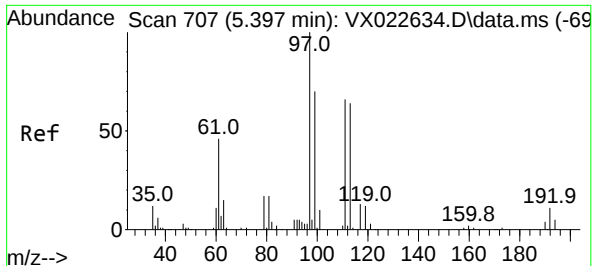


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion: 114 Resp: 112250
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.295 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022793.D

Acq: 21 Jun 2021 14:37

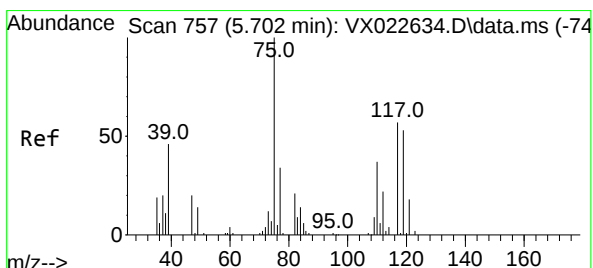
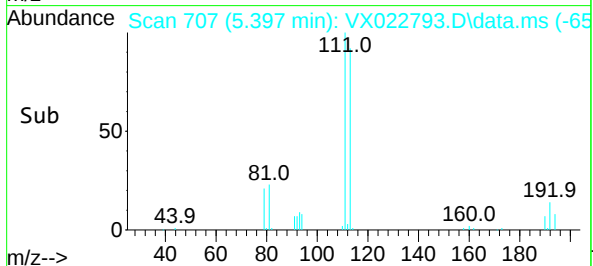
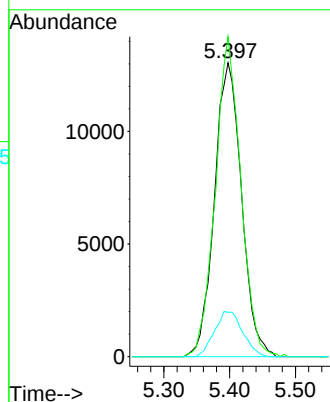
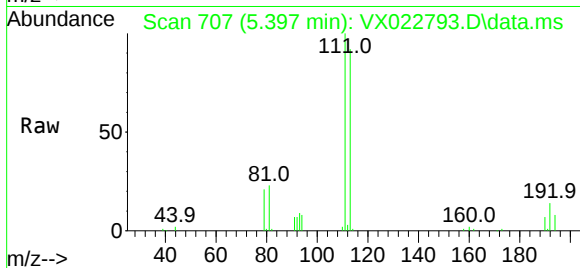
Tgt Ion:113 Resp: 37453

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 16.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.466 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022793.D

Acq: 21 Jun 2021 14:37

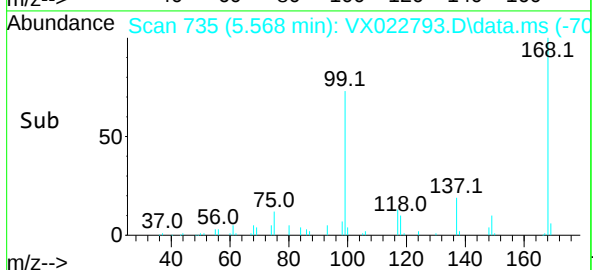
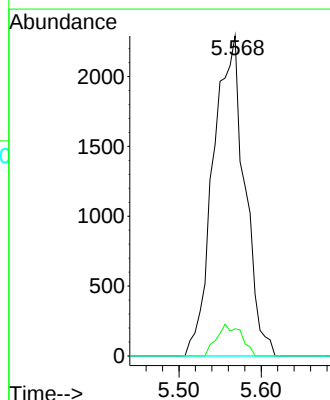
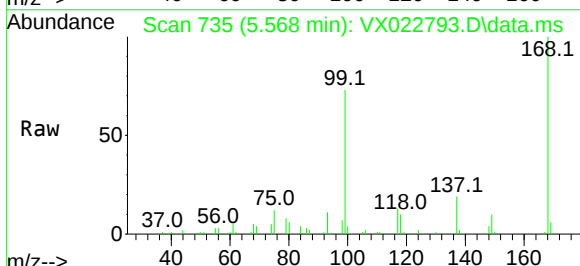
Tgt Ion: 75 Resp: 6113

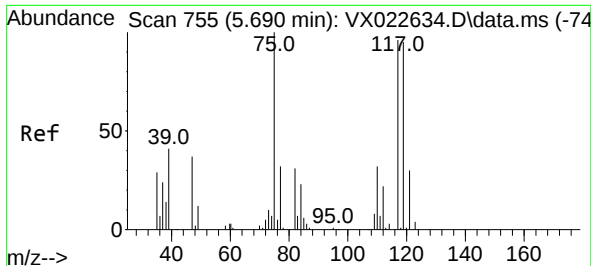
Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

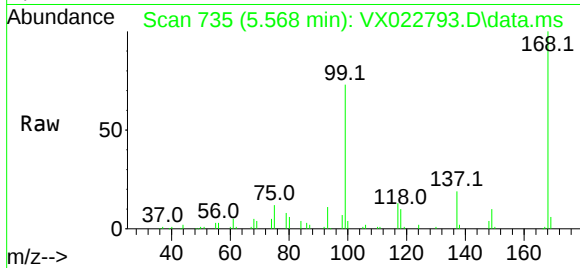
77 0.0 25.3 37.9#



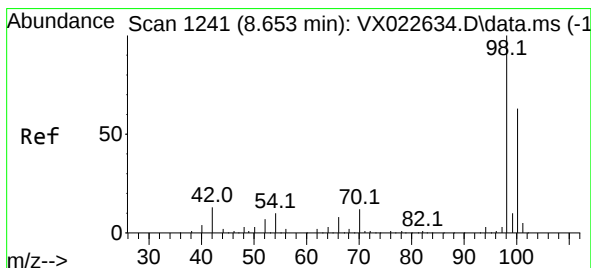
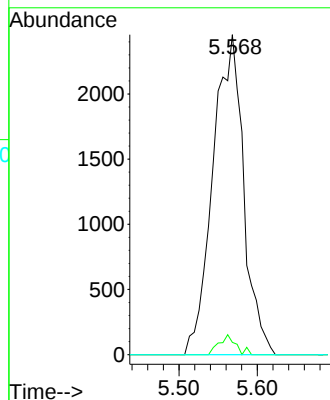
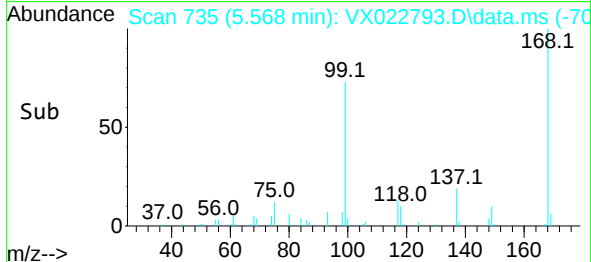


#38
Carbon Tetrachloride
Concen: 6.978 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

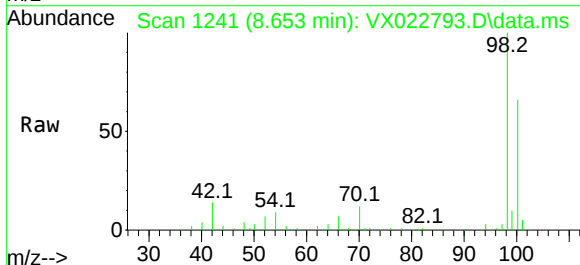
Instrument :
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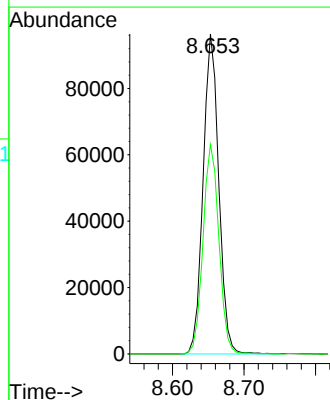
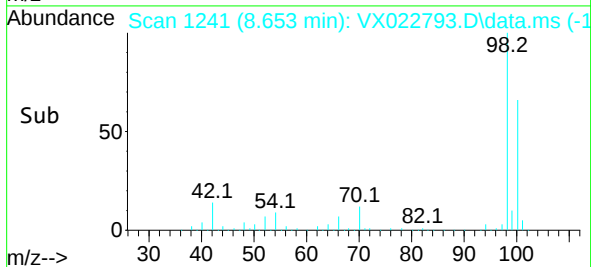
Tgt Ion:117 Resp: 6676
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

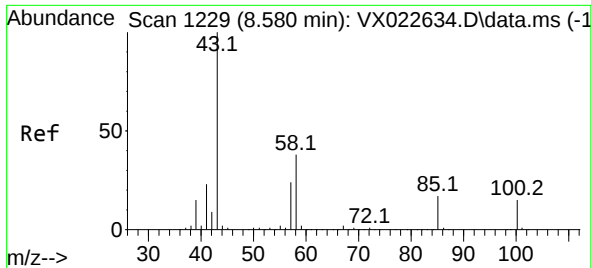


#50
Toluene-d8
Concen: 51.934 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37



Tgt Ion: 98 Resp: 146621
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

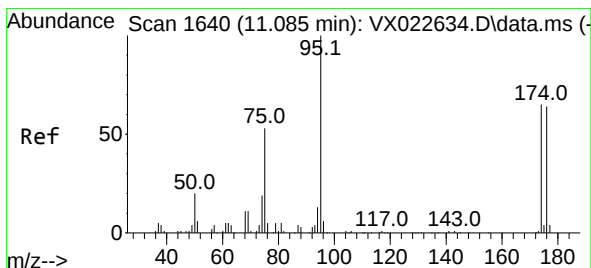
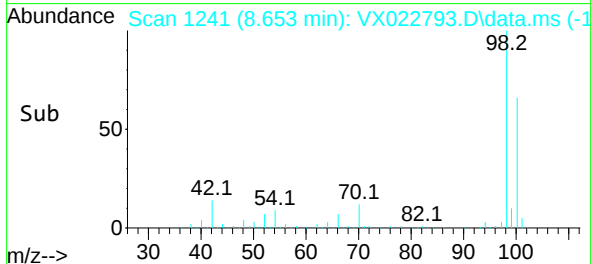
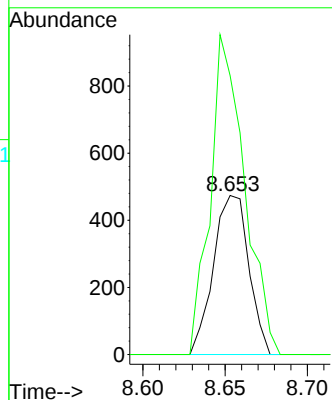
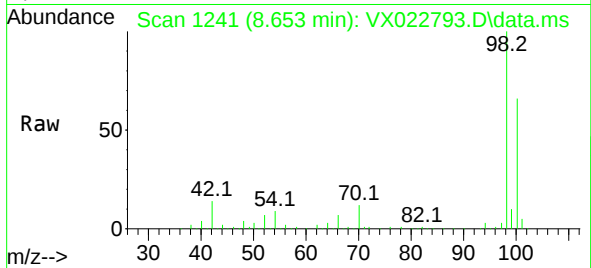




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

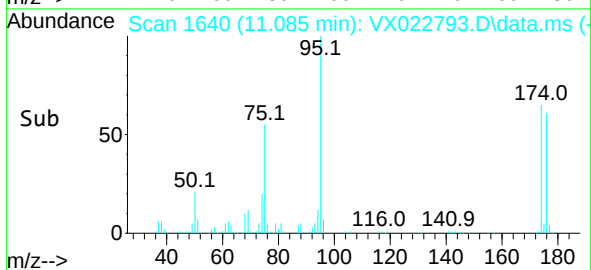
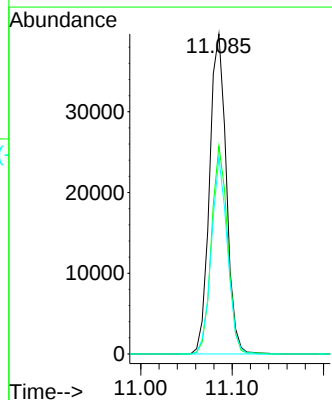
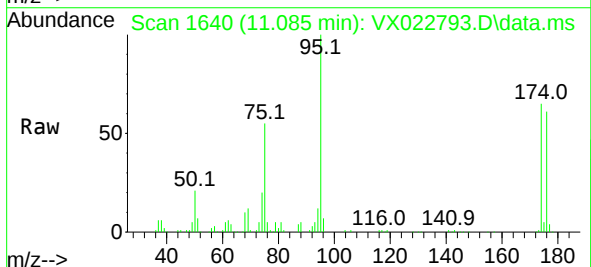
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

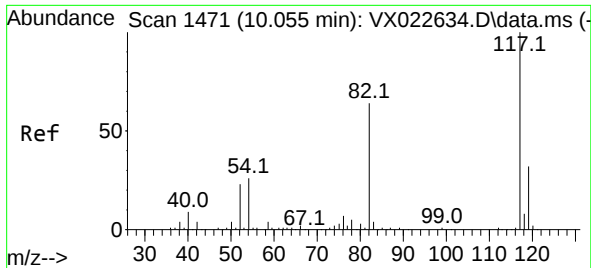
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 194.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.061 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion: 95 Resp: 50249
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 58.7 0.0 155.8

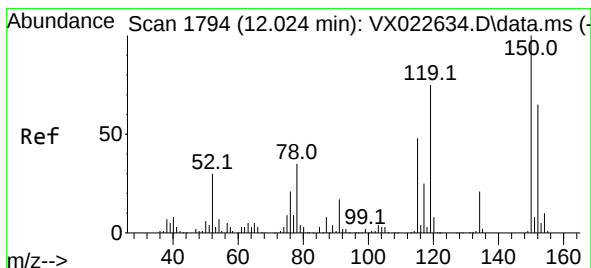
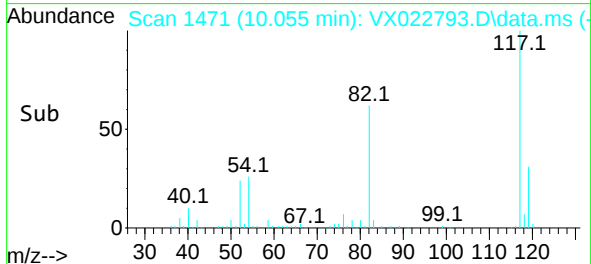
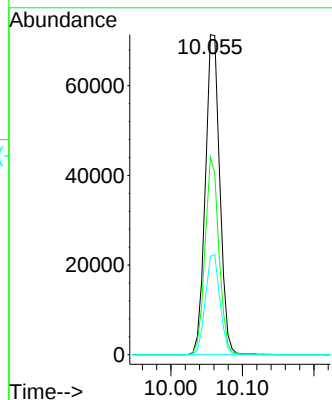
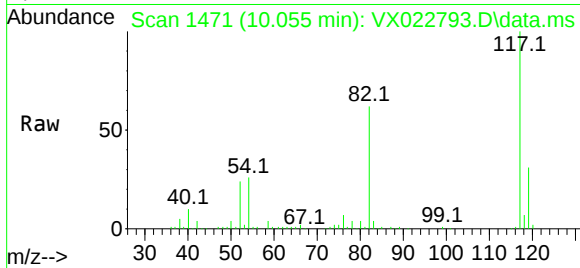




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

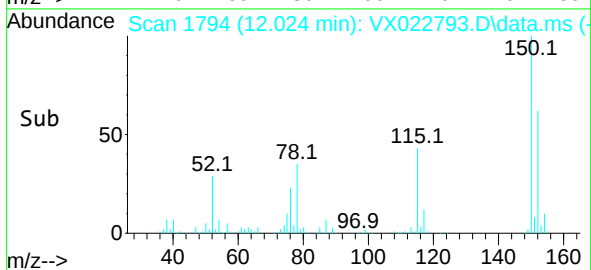
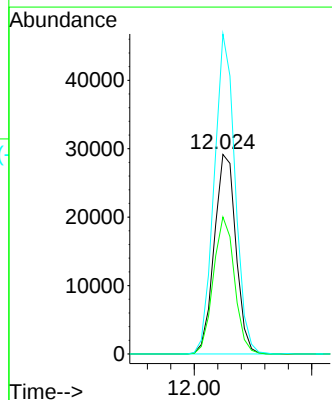
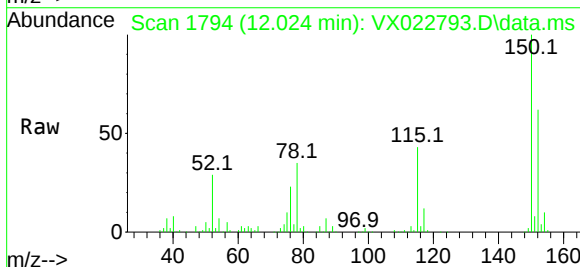
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

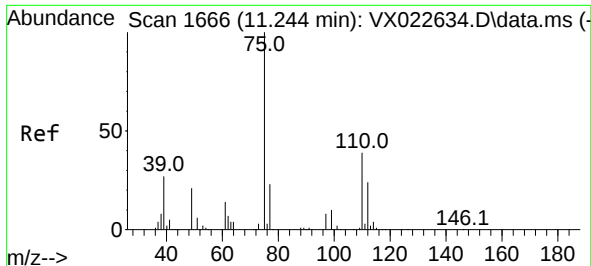
Tgt Ion:117 Resp: 100346
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion:152 Resp: 37386
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 154.4 0.0 349.0

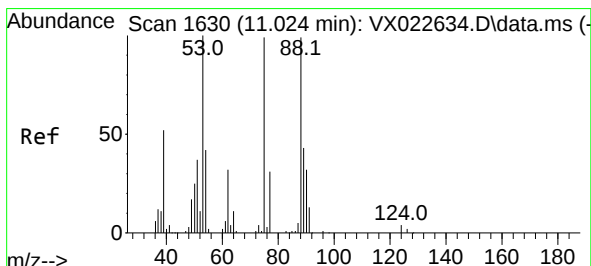
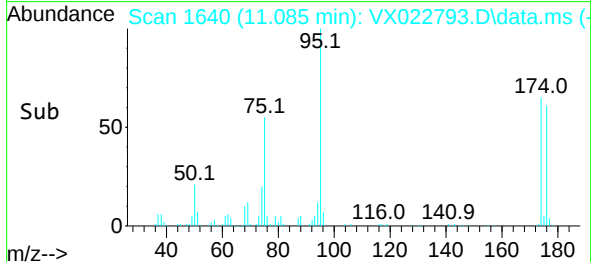
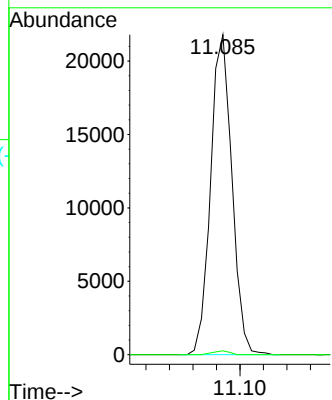
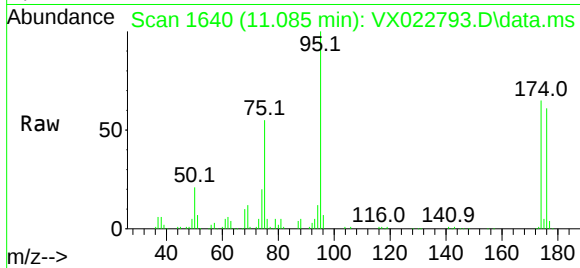




#76
1,2,3-Trichloropropane
Concen: 27.679 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210617

Tgt Ion: 75 Resp: 27437
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022793.D
Acq: 21 Jun 2021 14:37

Tgt Ion: 75 Resp: 27437
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

