

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025395.D
 Acq On : 30 Nov 2021 16:22
 Operator : JC/MD
 Sample : M4867-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 01 02:21:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

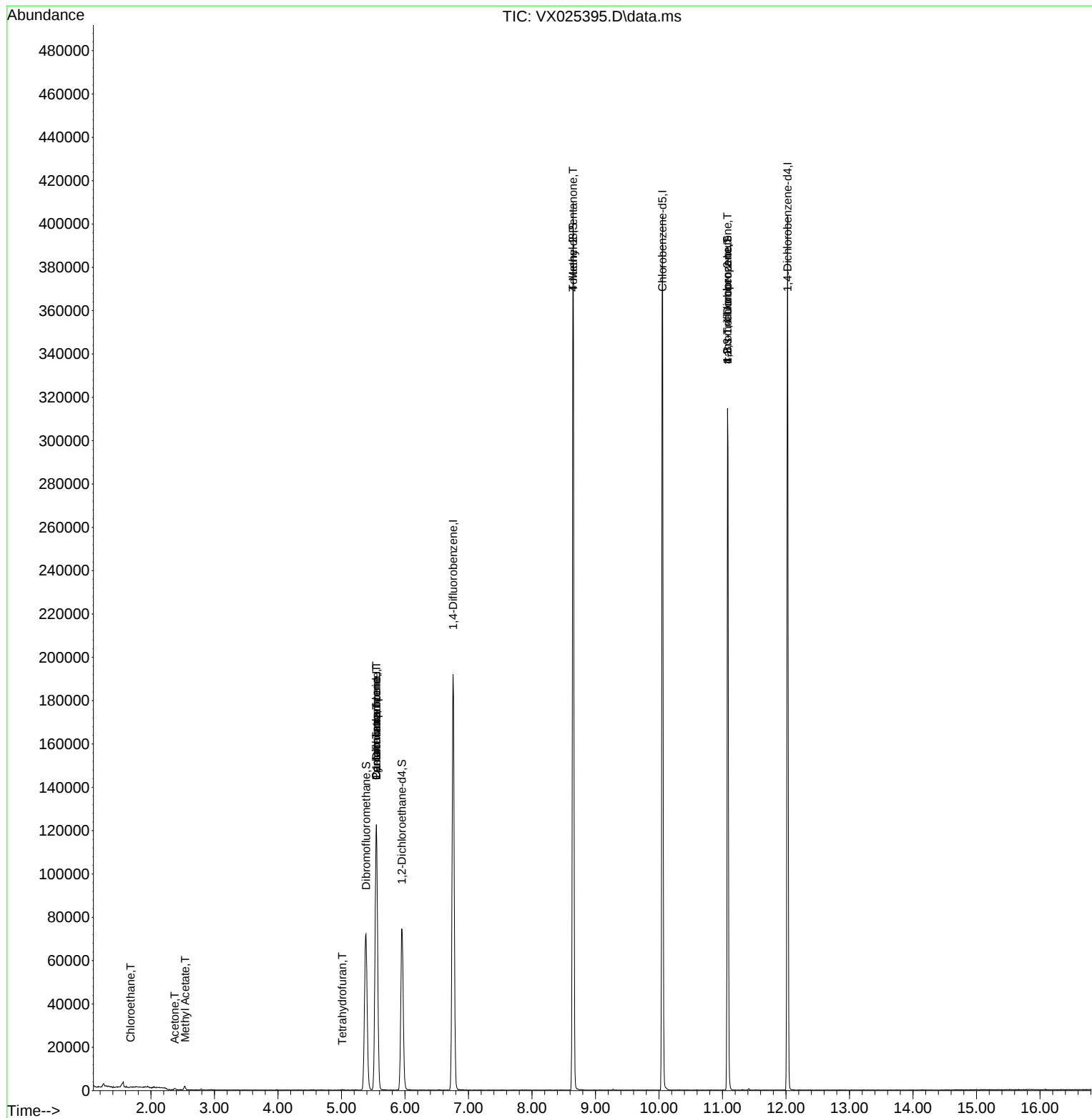
Internal Standards						
1) Pentafluorobenzene	5.550	168	125886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70724	53.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.600%	
35) Dibromofluoromethane	5.385	113	63438	50.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	239517	50.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	11.079	95	85035	47.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	268	0.262	ug/l #	43
11) Tert butyl alcohol	2.947	59	214	Below Cal	#	72
16) Acetone	2.374	43	904	1.226	ug/l #	84
18) Methyl Acetate	2.538	43	478	0.203	ug/l #	52
29) Tetrahydrofuran	5.013	42	362	0.548	ug/l #	45
31) Cyclohexane	5.550	56	2283	1.113	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8428	4.687	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11606	5.860	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1019	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41426	23.077	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41426	58.134	ug/l #	9

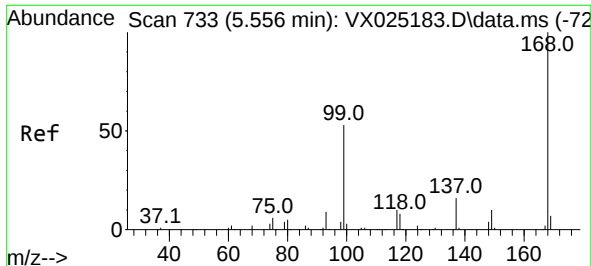
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
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MSVOA_X
ClientSampleId :

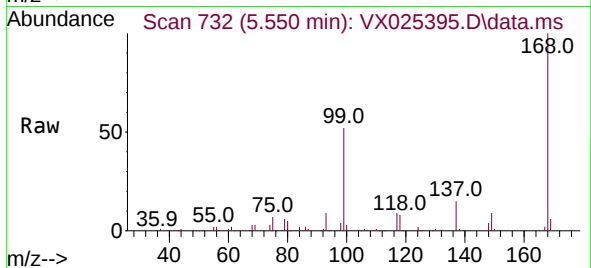
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



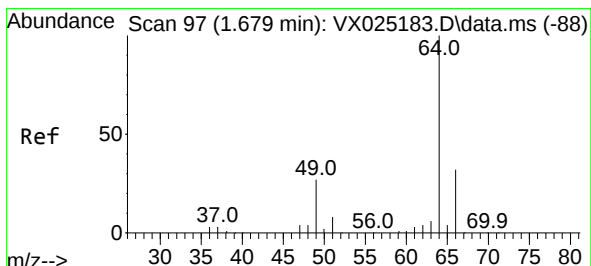
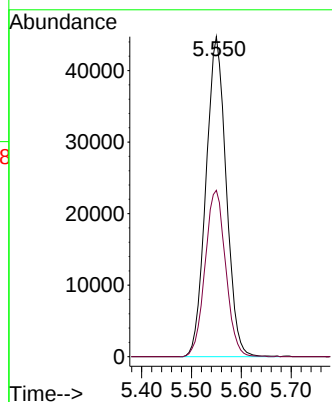
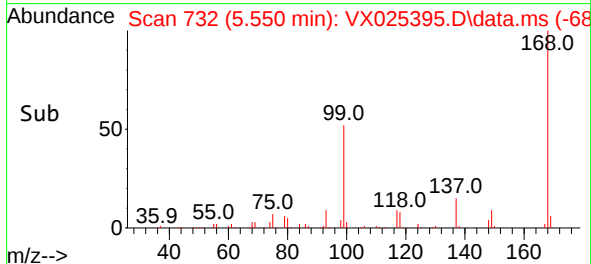


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :

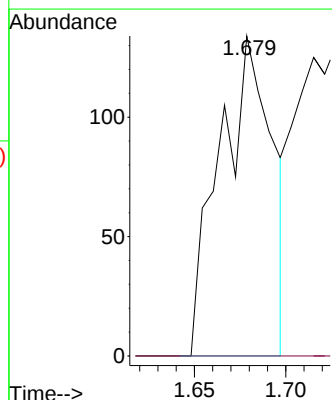
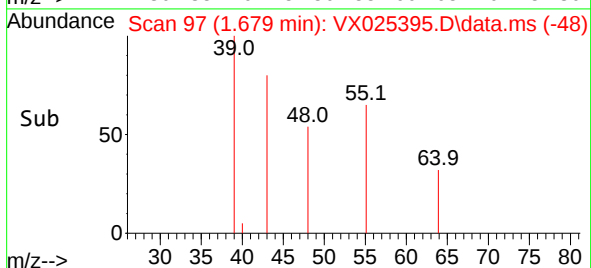
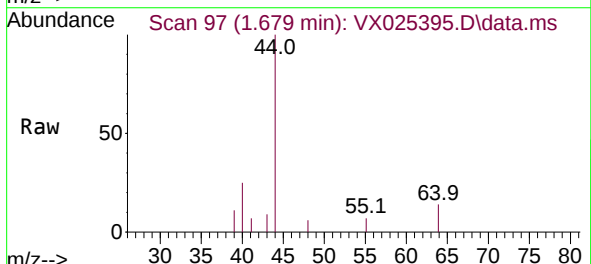


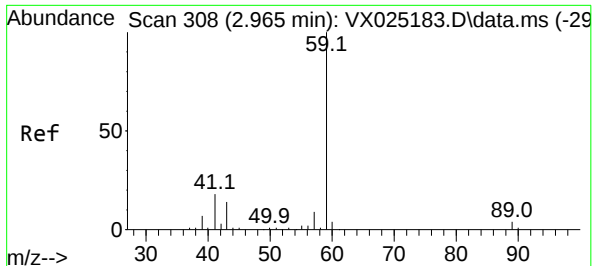
Tgt Ion:168 Resp: 125886
Ion Ratio Lower Upper
168 100
99 52.0 46.4 69.6



#6
Chloroethane
Concen: 0.262 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

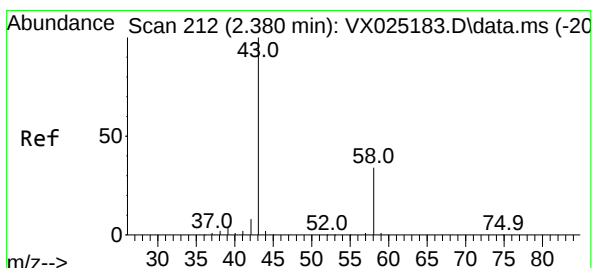
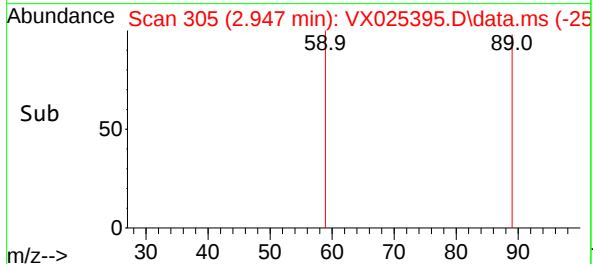
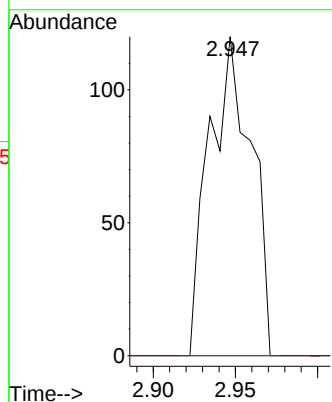
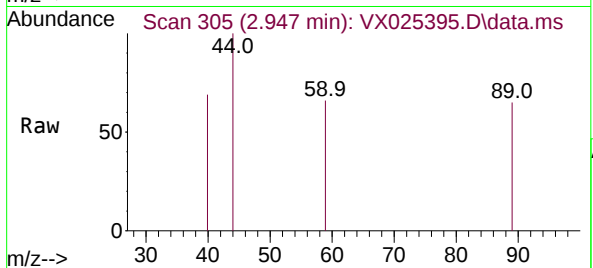




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

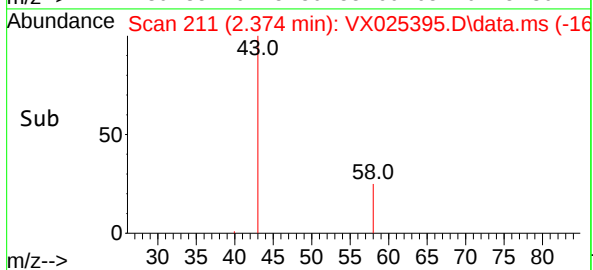
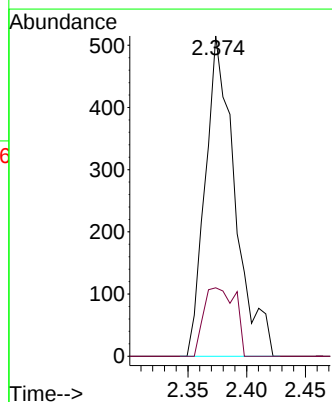
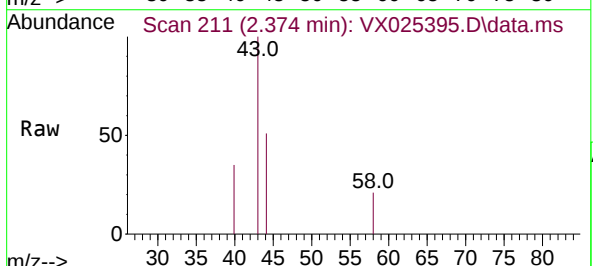
Instrument :
MSVOA_X
ClientSampleId :

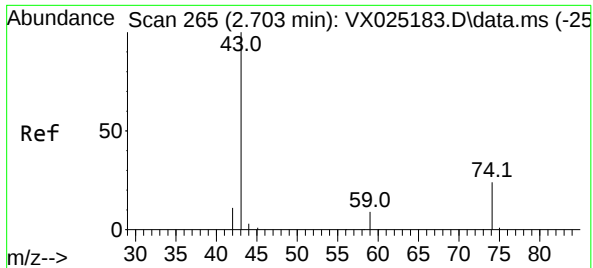
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.226 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 21.4 24.0 36.0#

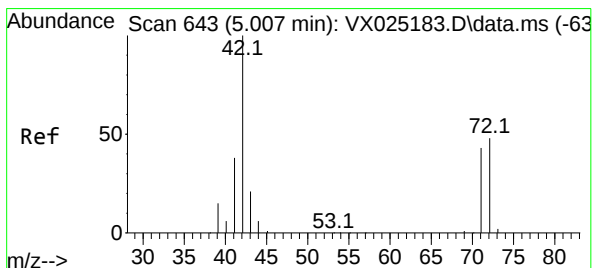
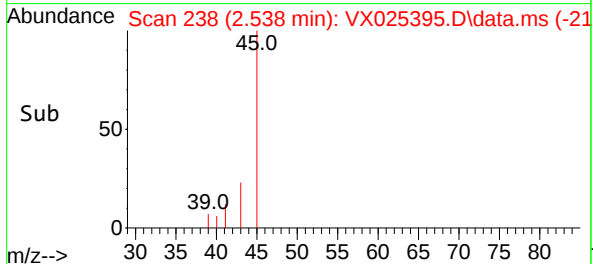
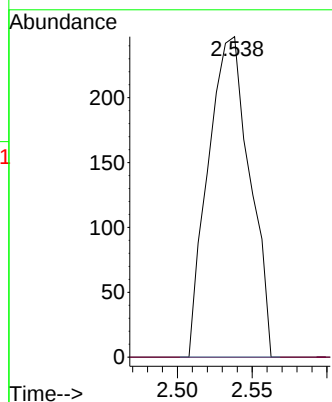
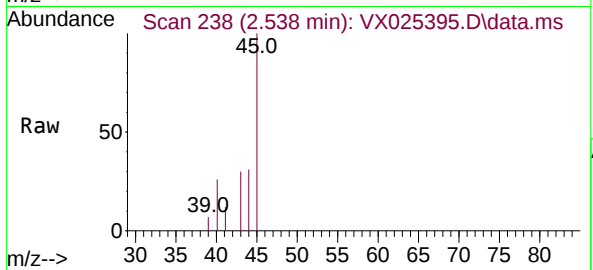




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

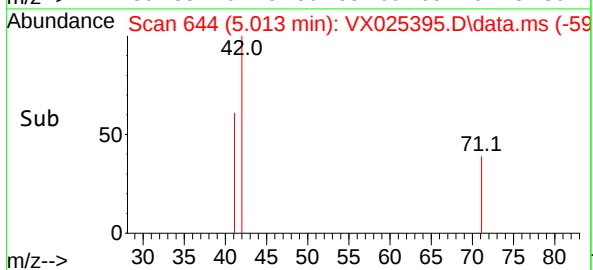
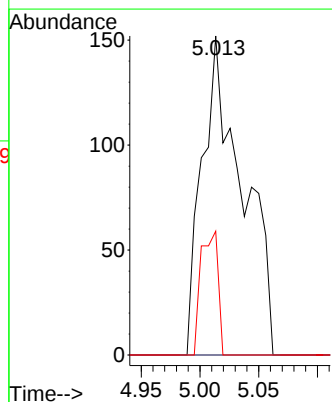
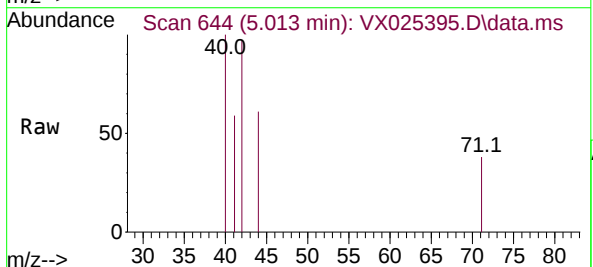
Instrument :
MSVOA_X
ClientSampleId :

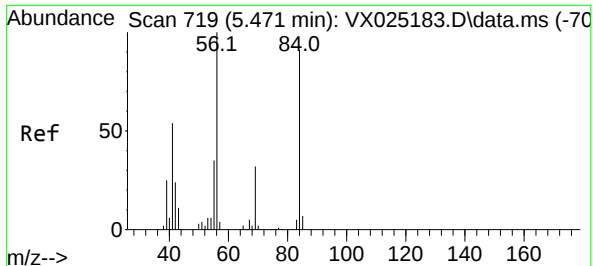
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#29
Tetrahydrofuran
Concen: 0.548 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

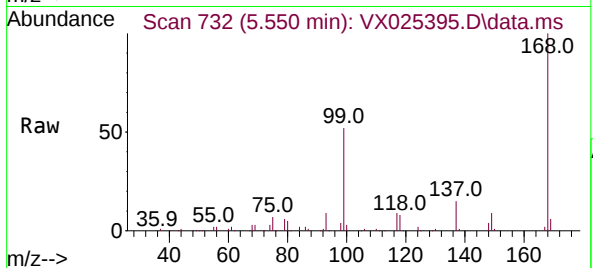
Tgt Ion: 42 Resp: 362
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 16.6 33.7 50.5#



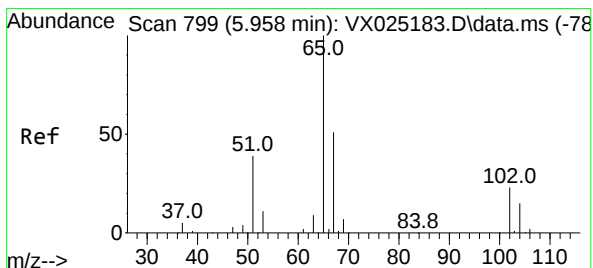
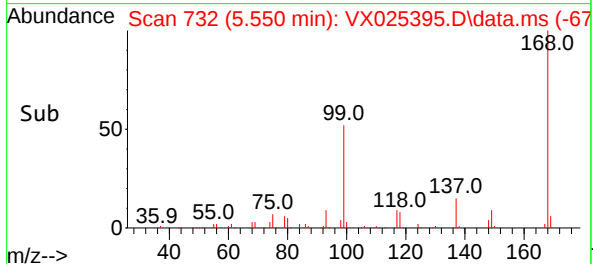
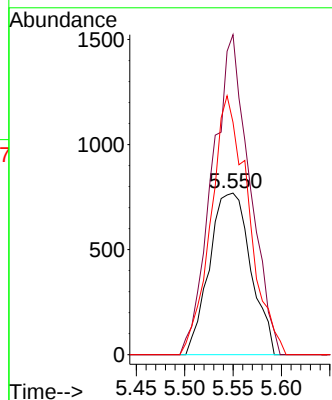


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :

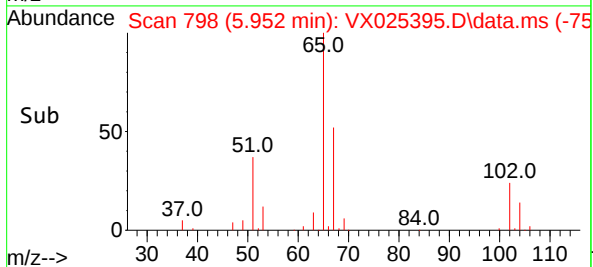
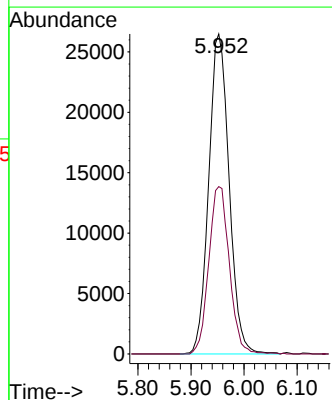
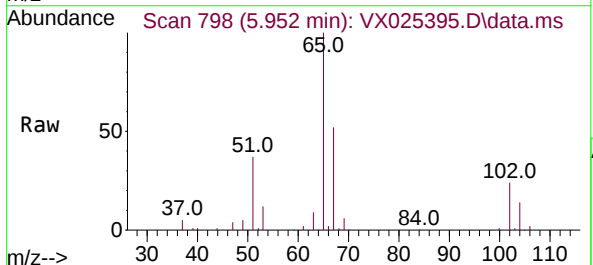


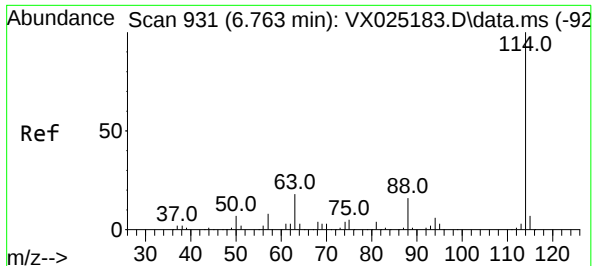
Tgt Ion: 56 Resp: 2283
Ion Ratio Lower Upper
56 100
69 198.0 24.2 36.2#
84 143.8 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion: 65 Resp: 70724
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.0

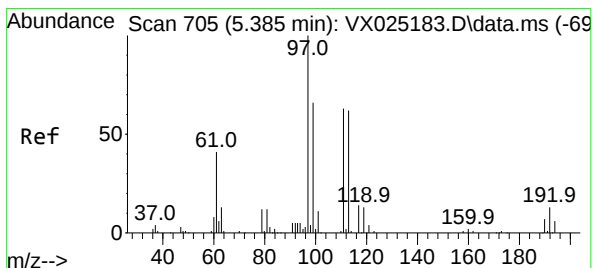
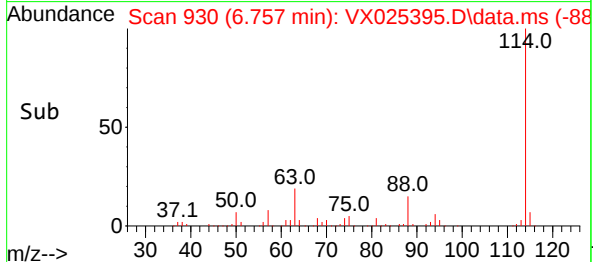
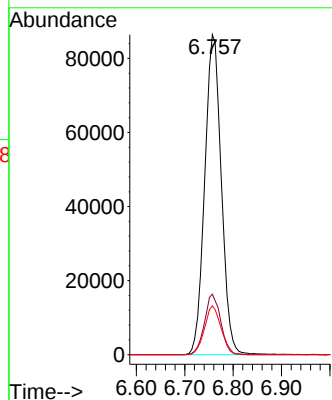
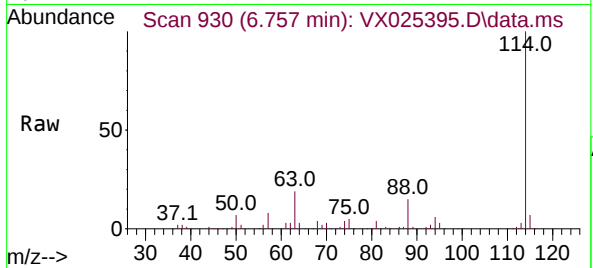




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

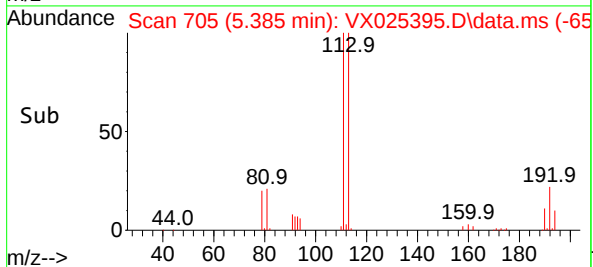
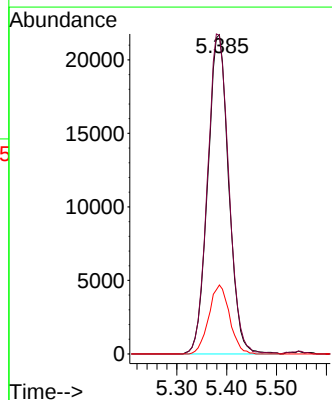
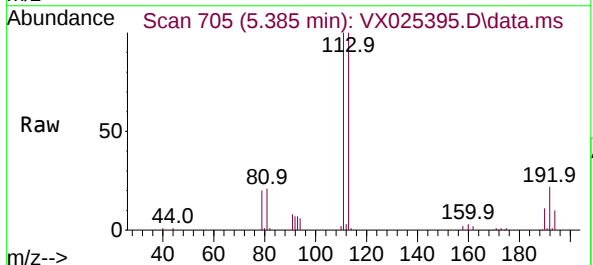
Instrument :
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ClientSampleId :

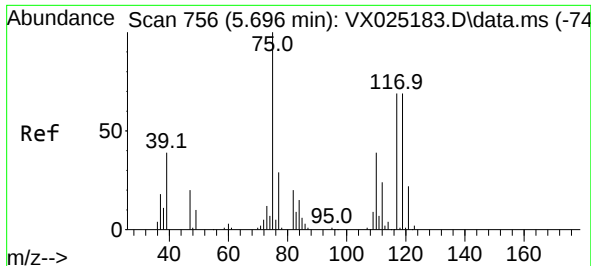
Tgt Ion:114 Resp: 206094
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion:113 Resp: 63438
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 21.4 15.6 23.4

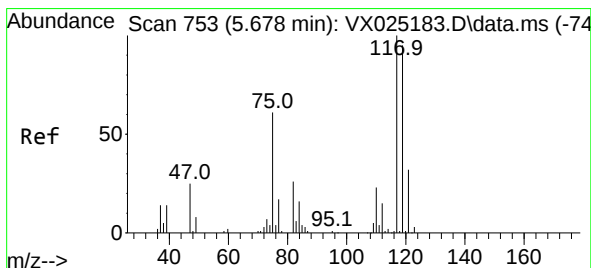
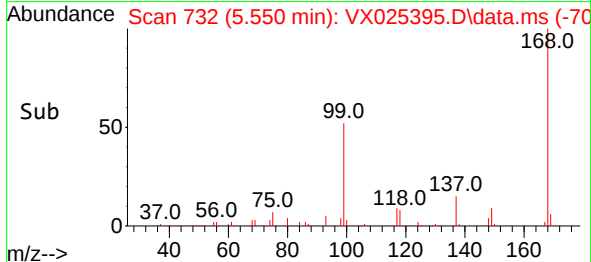
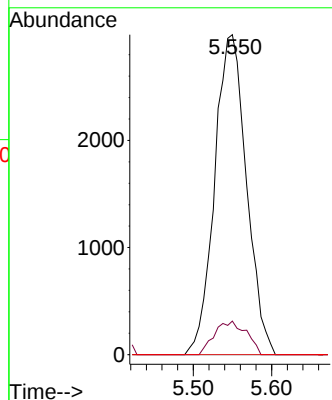
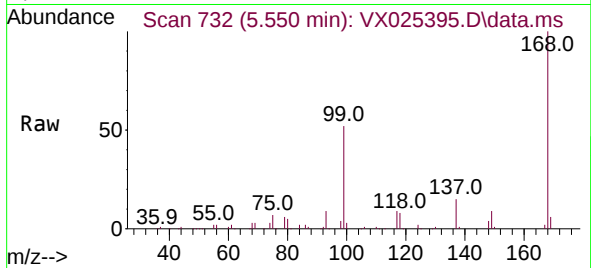




#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

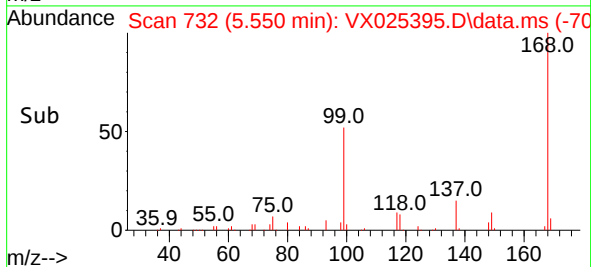
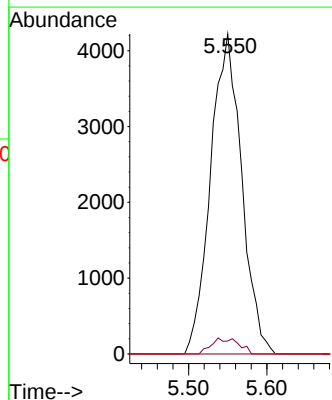
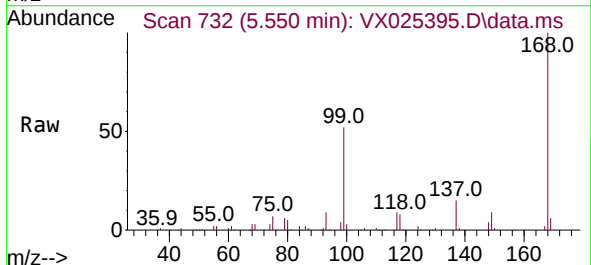
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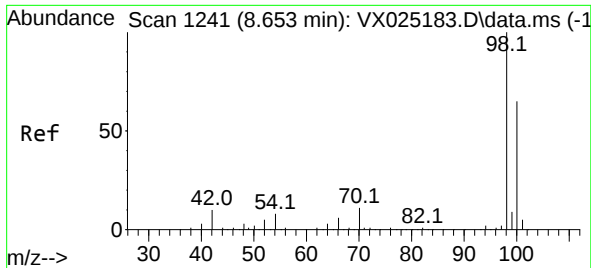
Tgt Ion: 75 Resp: 8428
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion: 117 Resp: 11606
Ion Ratio Lower Upper
117 100
119 4.0 75.6 113.4#
121 0.0 23.7 35.5#

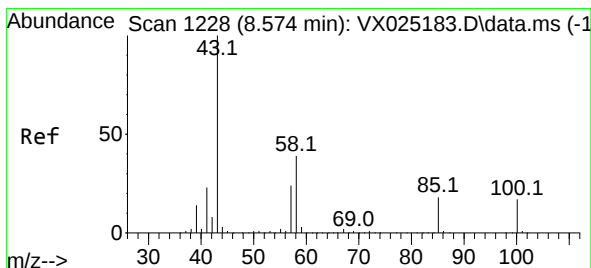
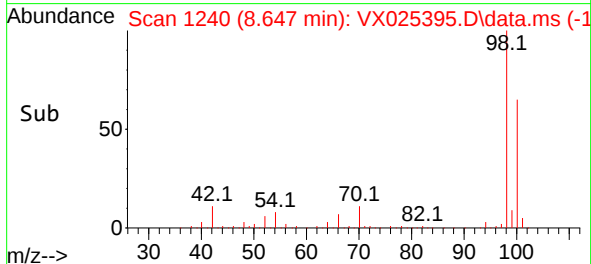
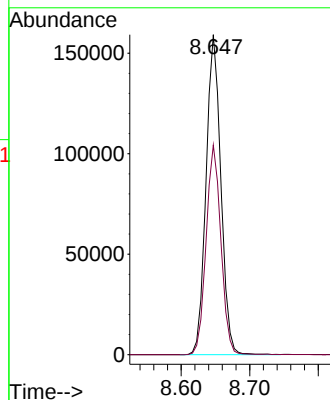
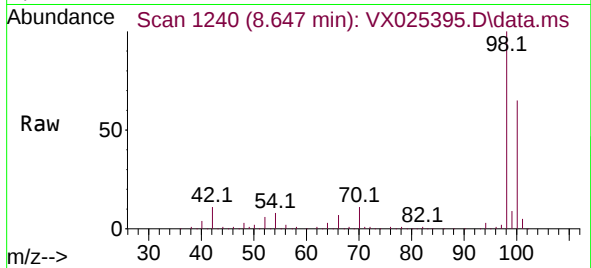




#50
Toluene-d8
Concen: 50.377 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

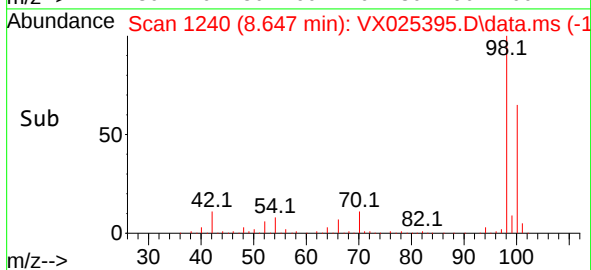
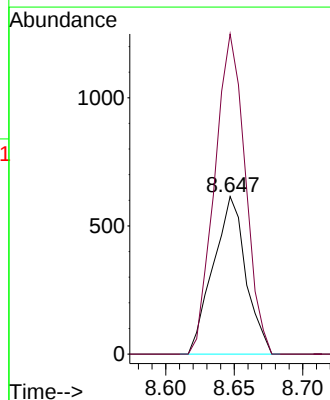
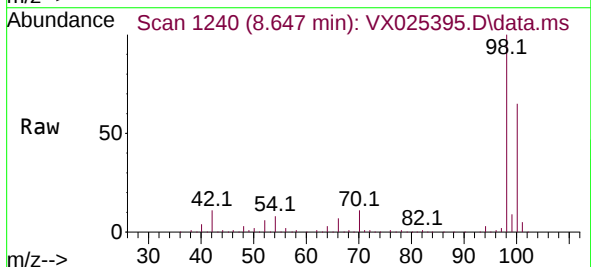
Instrument :
MSVOA_X
ClientSampleId :

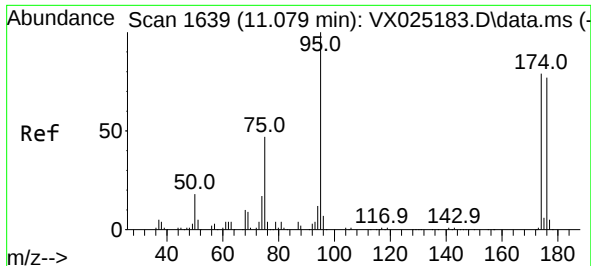
Tgt Ion: 98 Resp: 239517
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 190.6 30.9 46.3#

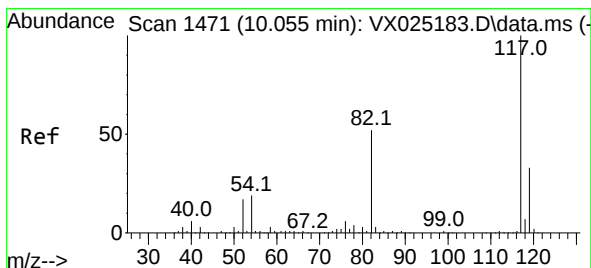
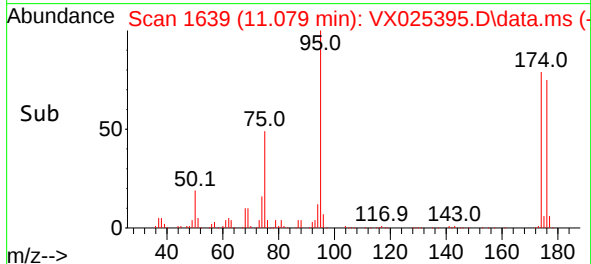
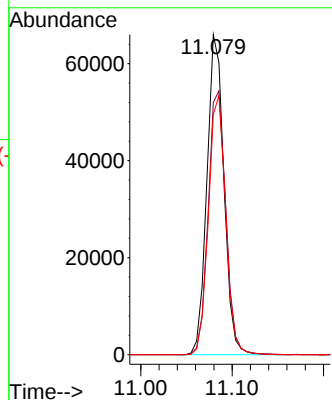
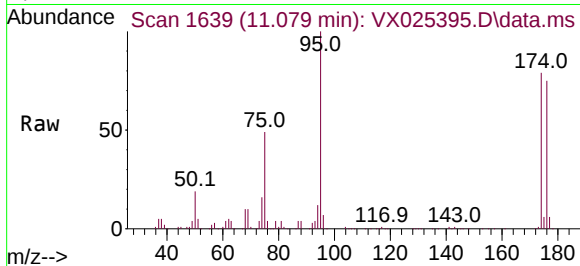




#62
4-Bromofluorobenzene
Concen: 47.277 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

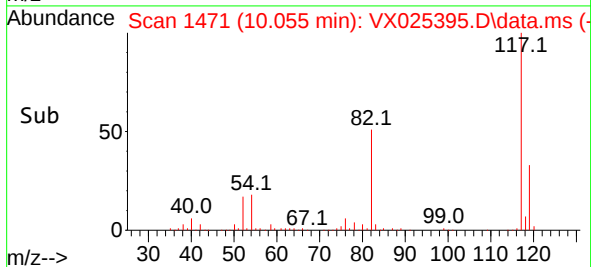
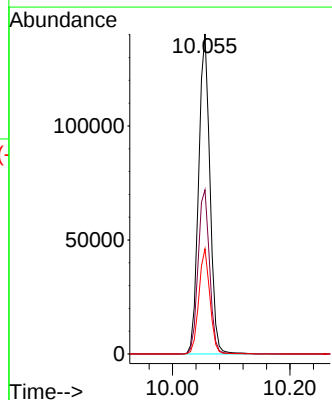
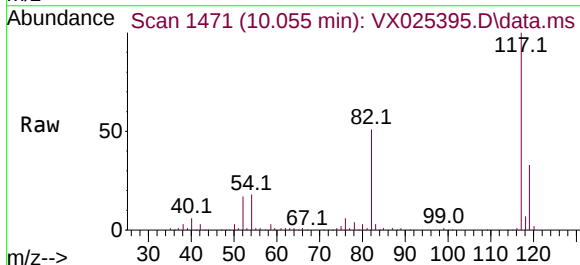
Instrument :
MSVOA_X
ClientSampleId :

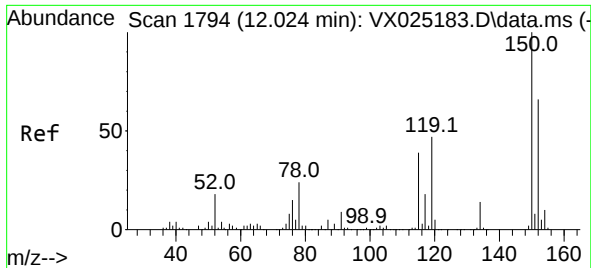
Tgt Ion: 95 Resp: 85035
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.0
176 82.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025395.D
Acq: 30 Nov 2021 16:22

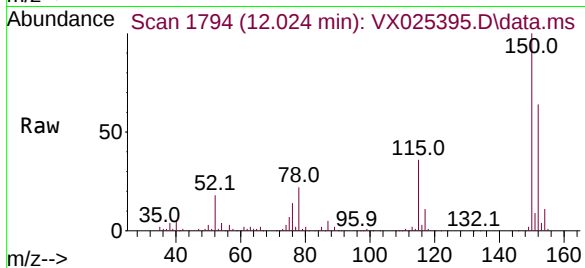
Tgt Ion: 117 Resp: 188046
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 32.8 24.8 37.2



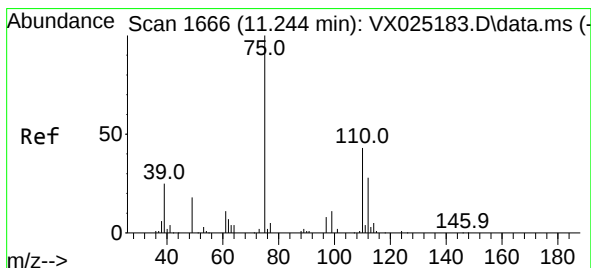
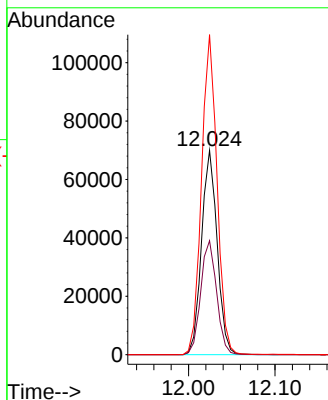
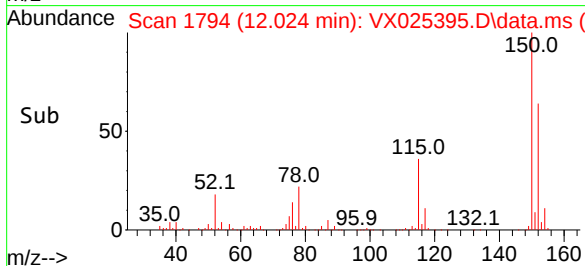


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025395.D
 Acq: 30 Nov 2021 16:22

Instrument :
 MSVOA_X
 ClientSampleId :

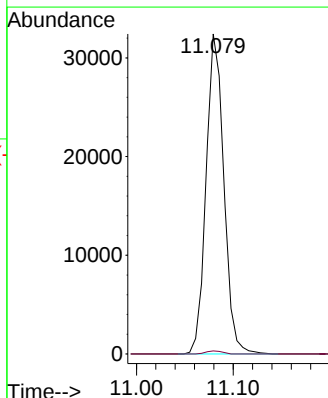
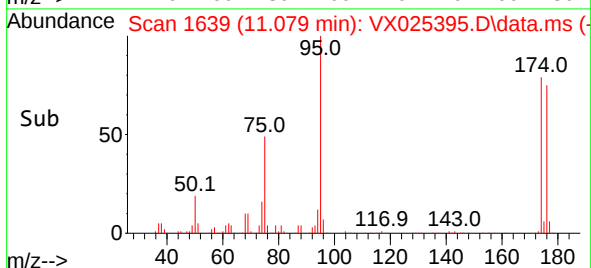
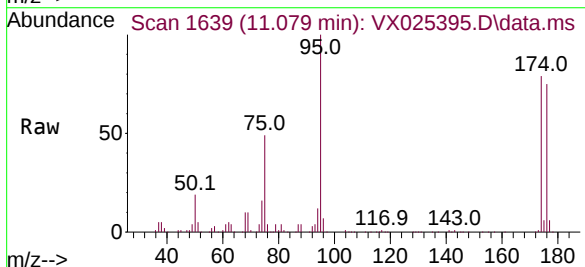


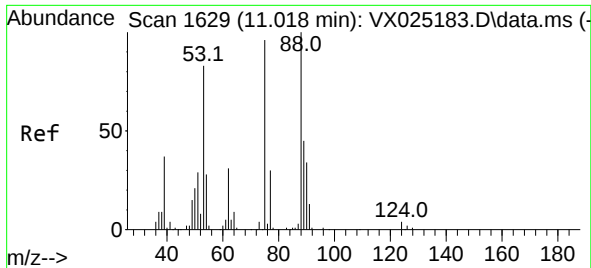
Tgt Ion:152 Resp: 87663
 Ion Ratio Lower Upper
 152 100
 115 56.8 43.3 129.8
 150 155.4 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 23.077 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025395.D
 Acq: 30 Nov 2021 16:22

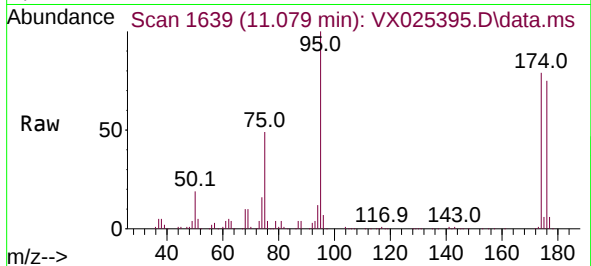
Tgt Ion: 75 Resp: 41426
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.134 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025395.D
 Acq: 30 Nov 2021 16:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41426
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

