

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021706.D
 Acq On : 01 Apr 2021 14:35
 Operator : JC/MD
 Sample : M1895-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 02 03:27:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

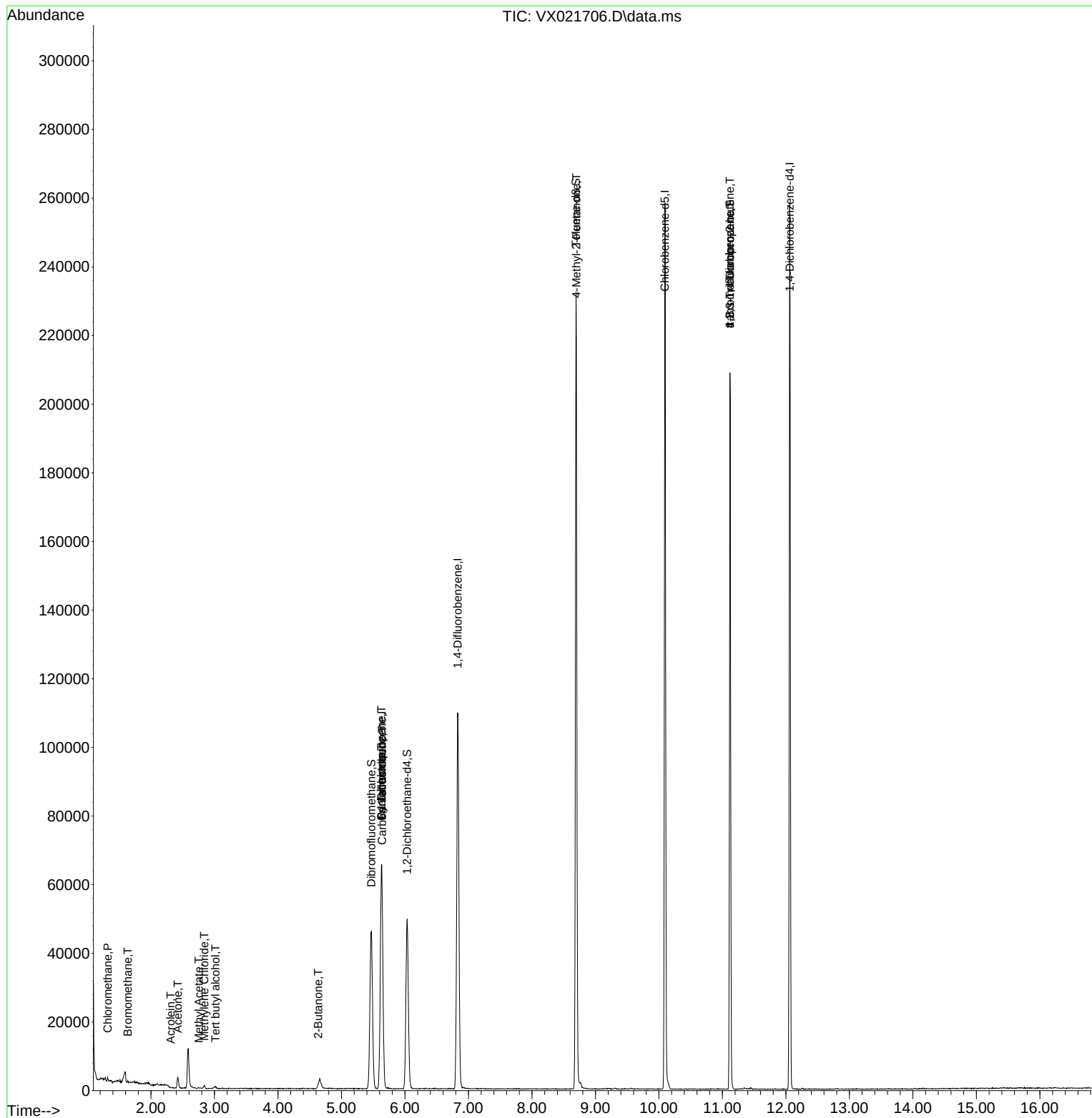
Internal Standards						
1) Pentafluorobenzene	5.635	168	57854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	103230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	49486	51.41	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.82%	
35) Dibromofluoromethane	5.470	113	38488	52.49	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.98%	
50) Toluene-d8	8.694	98	131242	50.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.46%	
62) 4-Bromofluorobenzene	11.118	95	53127	52.30	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.60%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1222	1.71	ug/l	89
5) Bromomethane	1.634	94	61	0.23	ug/l #	66
11) Tert butyl alcohol	3.017	59	522	3.28	ug/l #	73
13) Acrolein	2.311	56	36	4.74	ug/l #	14
16) Acetone	2.422	43	3295	9.05	ug/l	90
18) Methyl Acetate	2.752	43	234	0.22	ug/l #	47
20) Methylene Chloride	2.840	84	368	0.52	ug/l #	82
25) 2-Butanone	4.635	43	381	0.69	ug/l #	45
31) Cyclohexane	5.629	56	1639	1.55	ug/l #	40
36) 1,1-Dichloropropene	5.629	75	5315	5.25	ug/l #	47
38) Carbon Tetrachloride	5.641	117	6238	5.74	ug/l #	17
51) 4-Methyl-2-Pentanone	8.700	43	740	0.63	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	29815	27.00	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29815	82.23	ug/l #	12

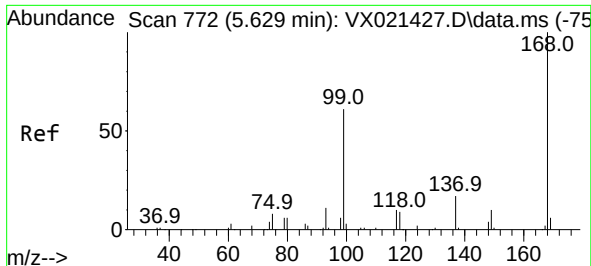
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Apr 02 03:27:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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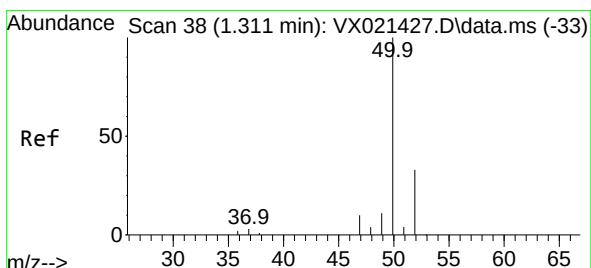
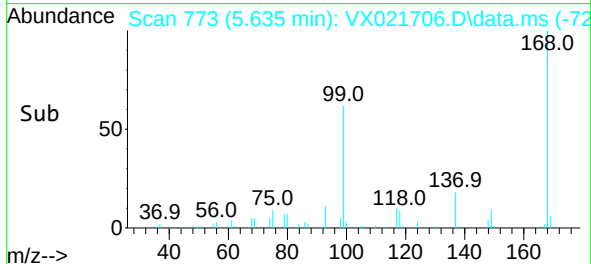
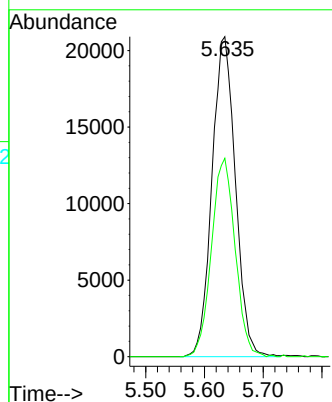
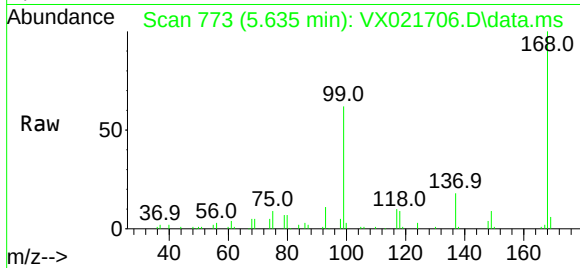




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

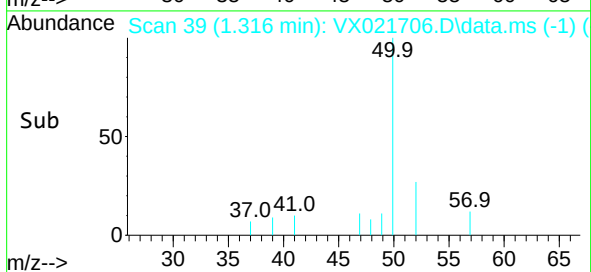
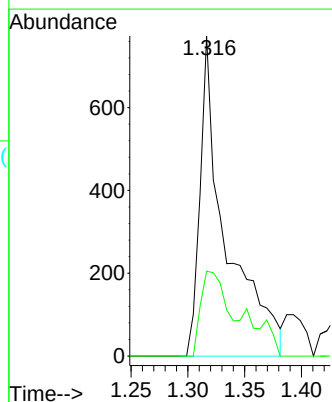
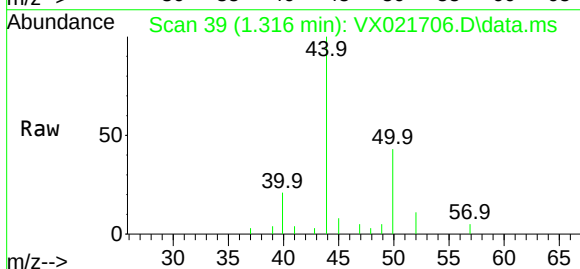
Instrument :
MSVOA_X
ClientSampled :
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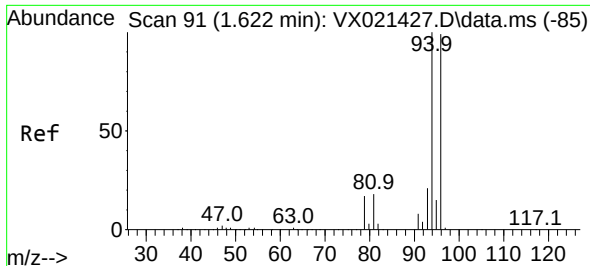
Tgt Ion:168 Resp: 57854
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#3
Chloromethane
Concen: 1.71 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 50 Resp: 1222
Ion Ratio Lower Upper
50 100
52 26.5 26.4 39.6

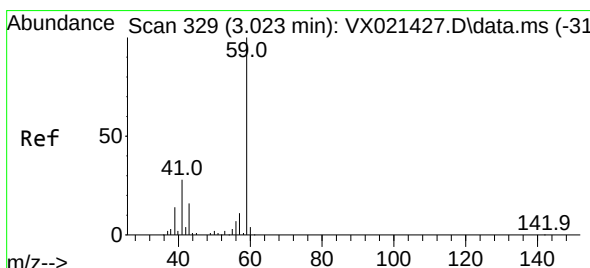
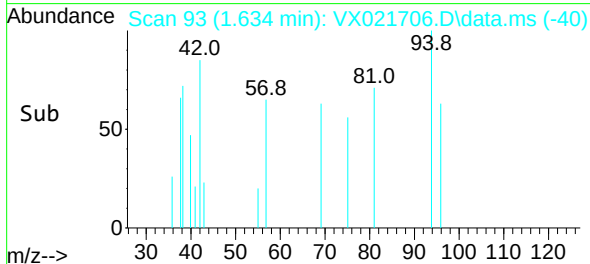
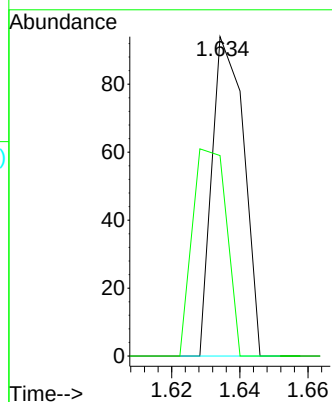
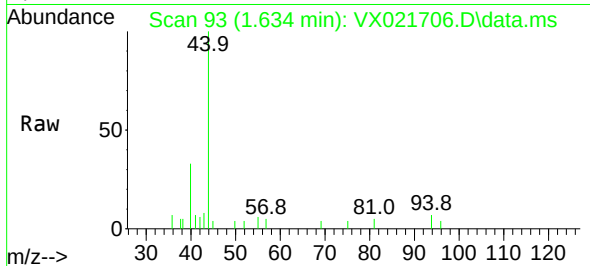




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

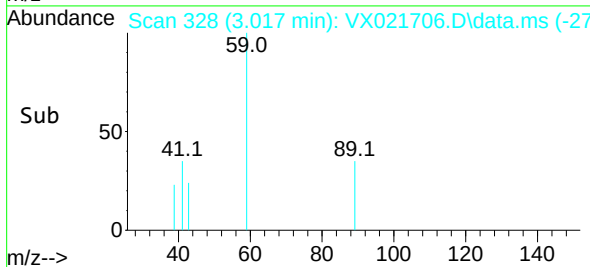
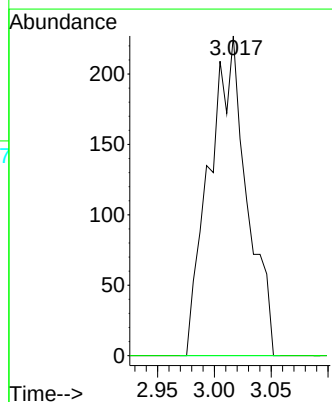
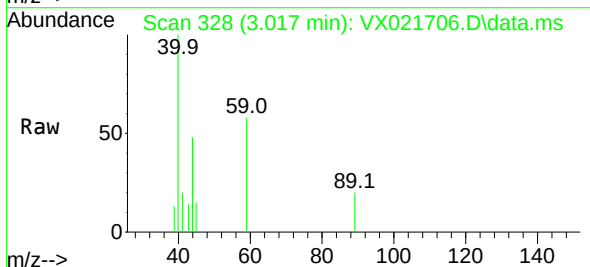
Instrument :
MSVOA_X
ClientSampled :
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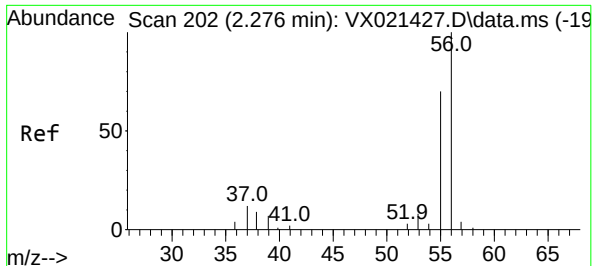
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 62.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 3.28 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

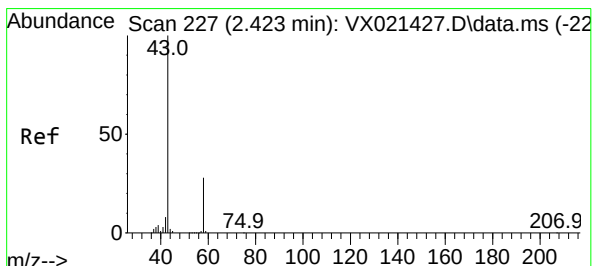
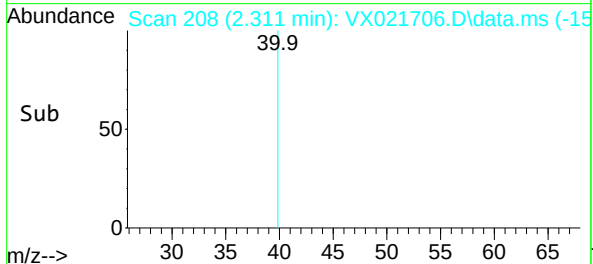
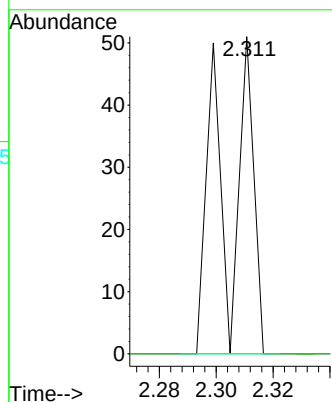
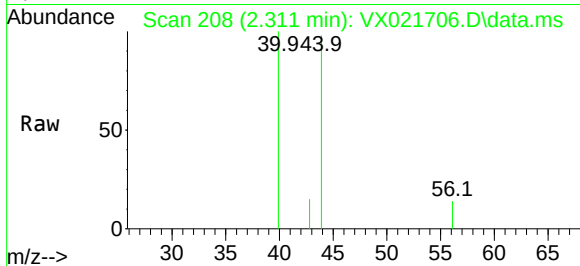




#13
Acrolein
Concen: 4.74 ug/l
RT: 2.311 min Scan# 208
Delta R.T. 0.035 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

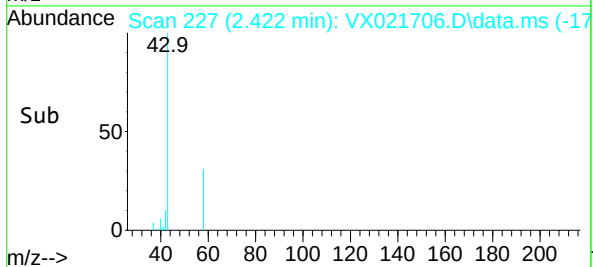
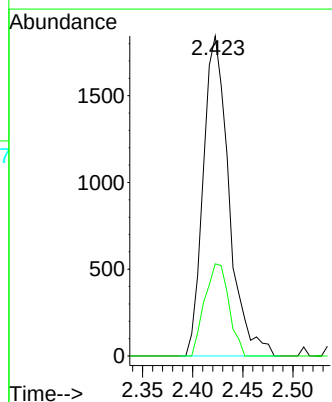
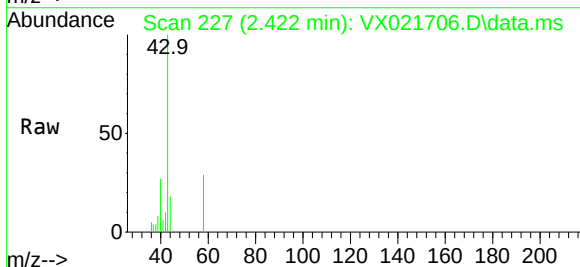
Instrument :
MSVOA_X
ClientSampled :
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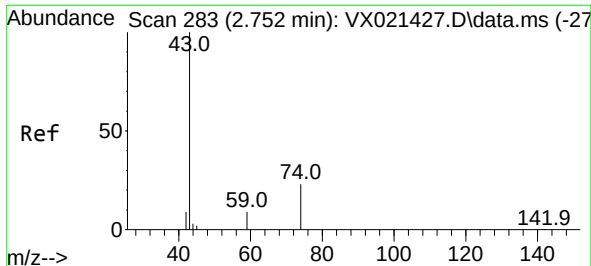
Tgt Ion: 56 Resp: 36
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 9.05 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

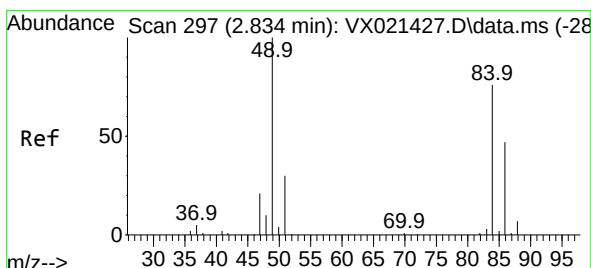
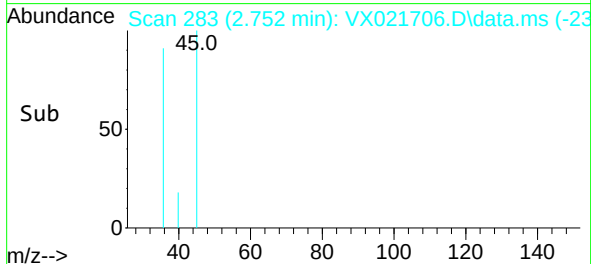
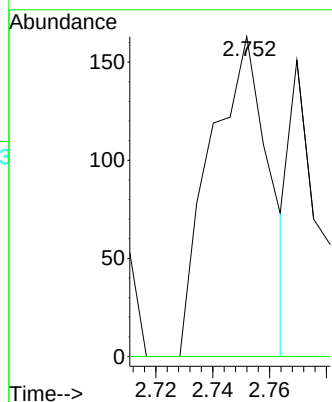
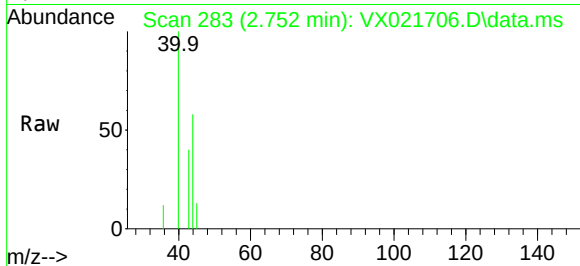




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

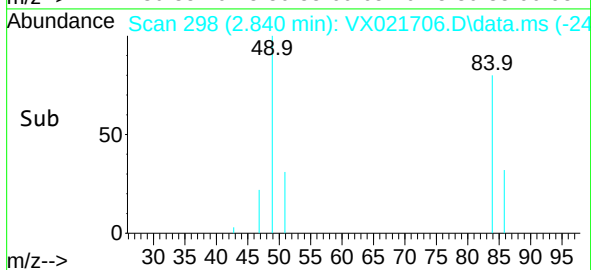
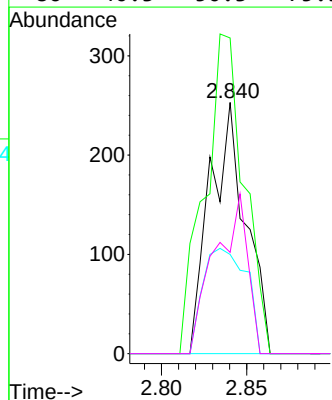
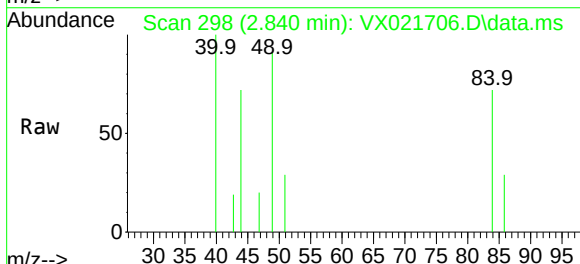
Instrument :
MSVOA_X
ClientSampleId :
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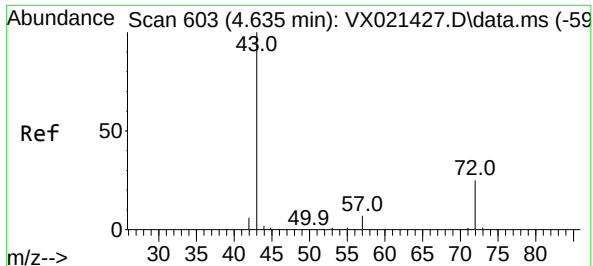
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.52 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 125.7 88.6 132.8
51 39.5 27.0 40.6
86 40.3 50.3 75.5#

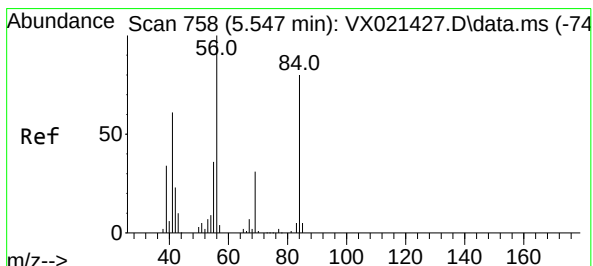
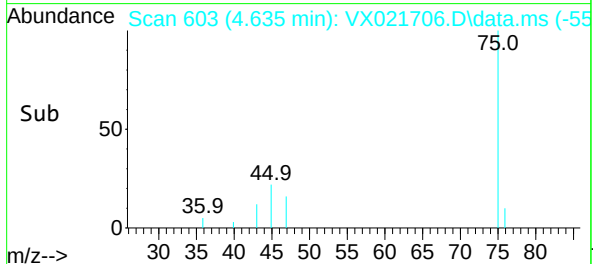
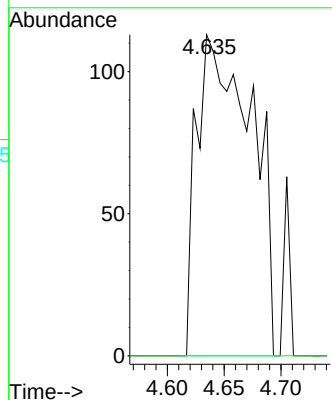
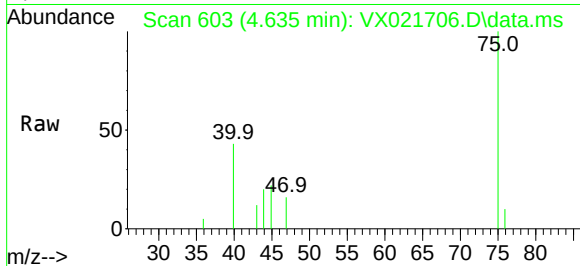




#25
2-Butanone
Concen: 0.69 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

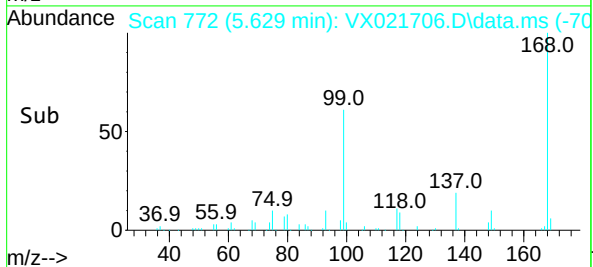
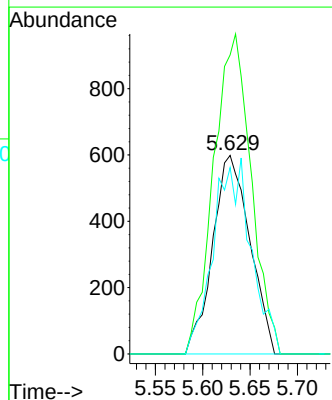
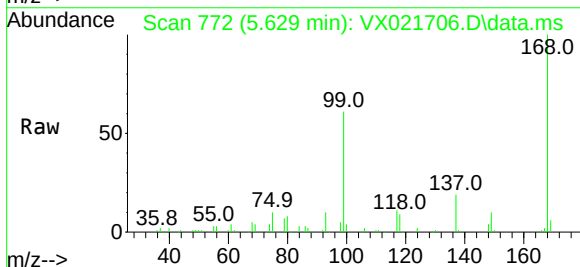
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ClientSampleId :
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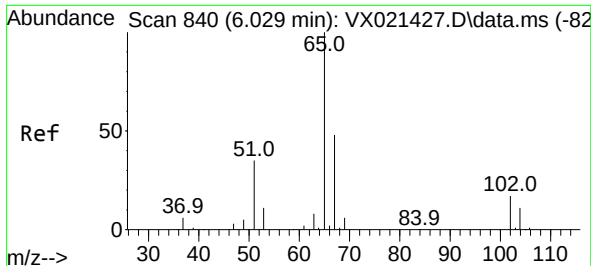
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 56 Resp: 1639
Ion Ratio Lower Upper
56 100
69 150.6 25.3 37.9#
84 93.8 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.41 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021706.D

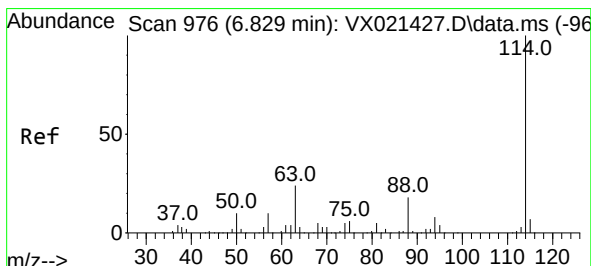
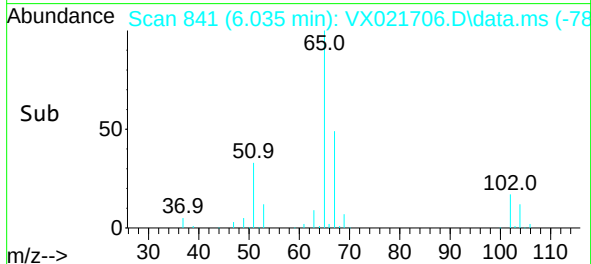
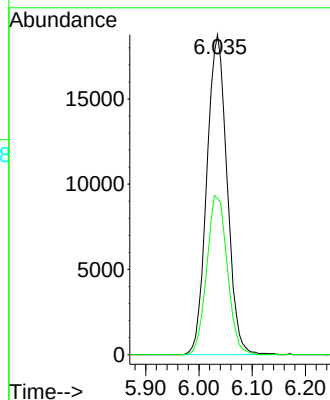
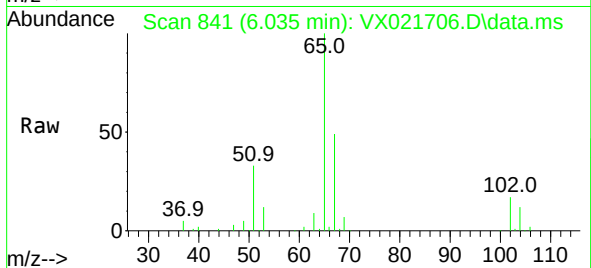
Acq: 01 Apr 2021 14:35

Tgt Ion: 65 Resp: 49486

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021706.D

Acq: 01 Apr 2021 14:35

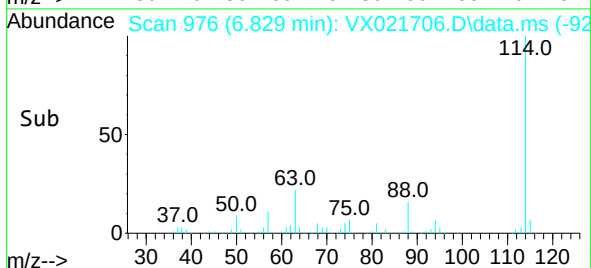
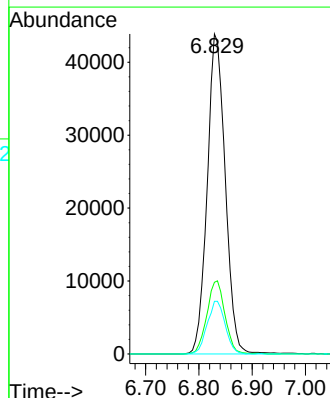
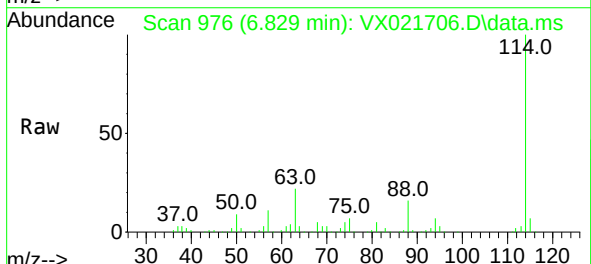
Tgt Ion: 114 Resp: 103230

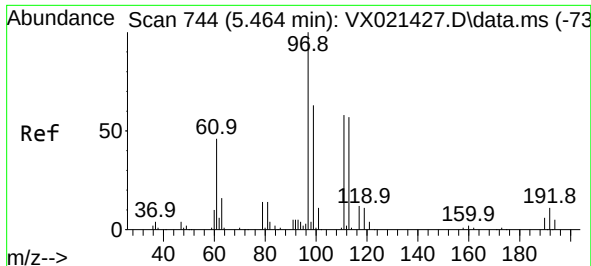
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 16.5 0.0 32.8

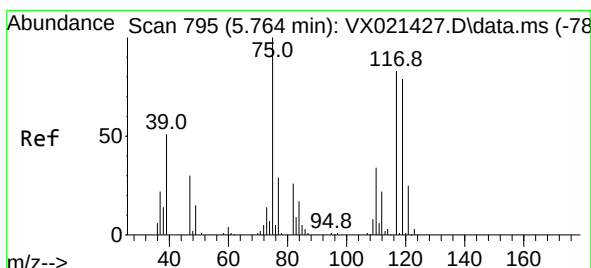
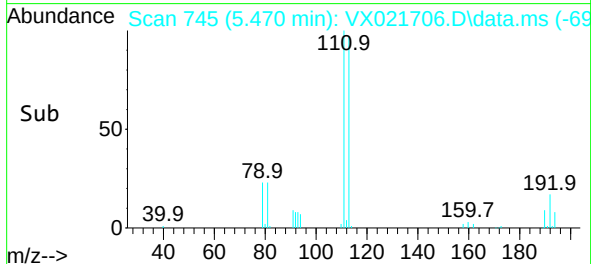
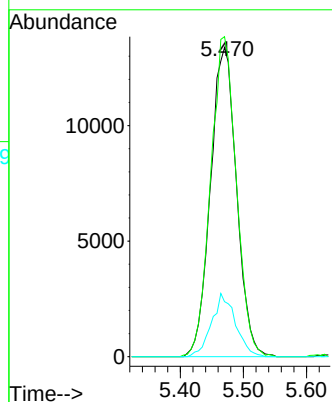
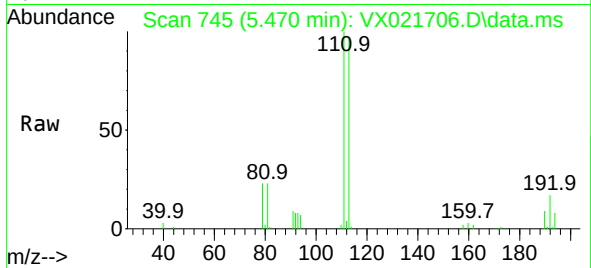




#35
Dibromofluoromethane
Concen: 52.49 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

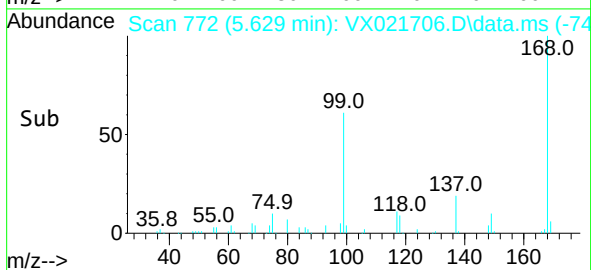
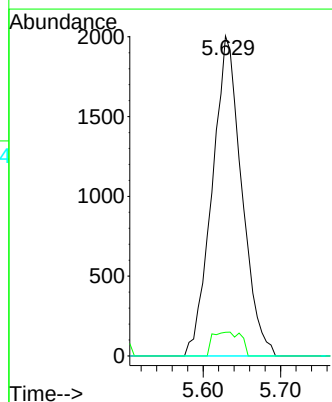
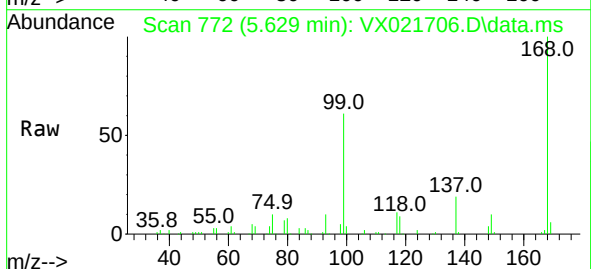
Instrument :
MSVOA_X
ClientSampled :
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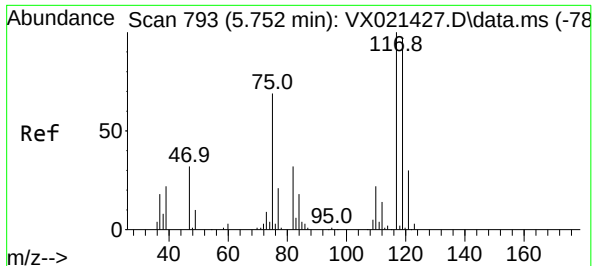
Tgt Ion:113 Resp: 38488
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

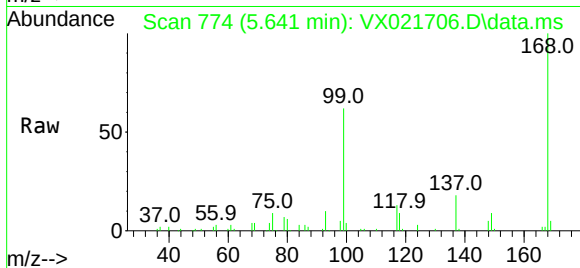
Tgt Ion: 75 Resp: 5315
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



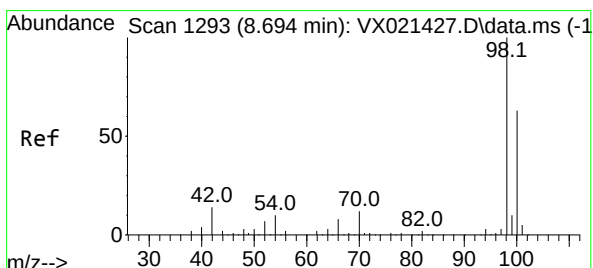
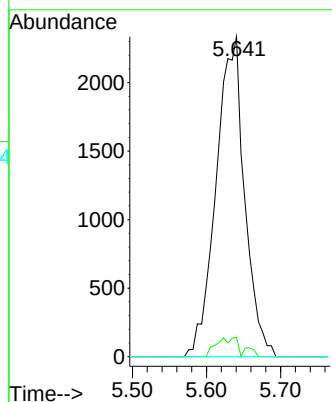
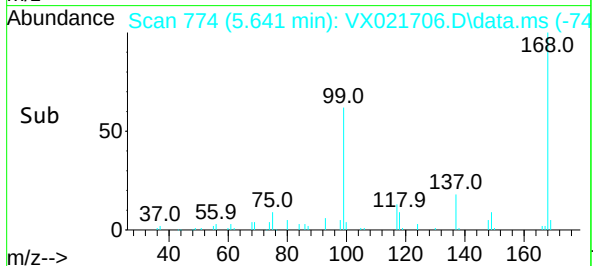


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.641 min Scan# 774
Delta R.T. -0.111 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

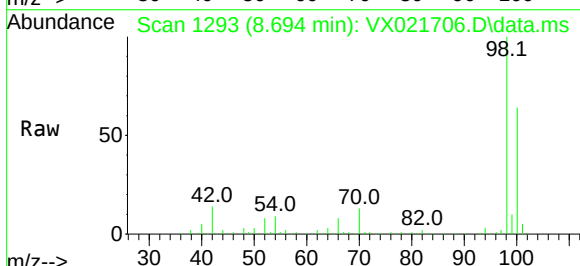
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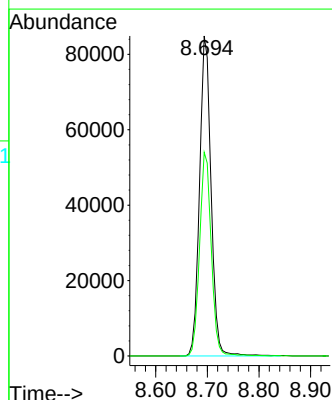
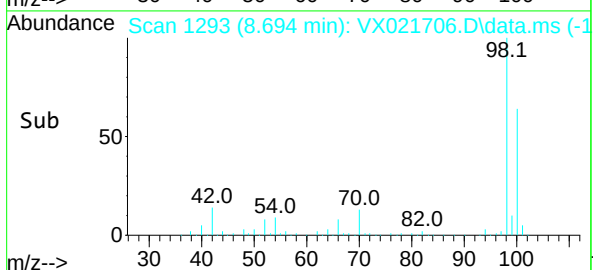
Tgt Ion:117 Resp: 6238
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

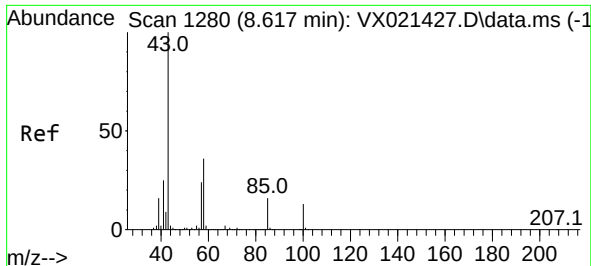


#50
Toluene-d8
Concen: 50.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35



Tgt Ion: 98 Resp: 131242
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

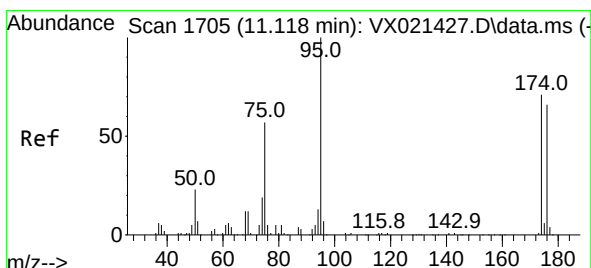
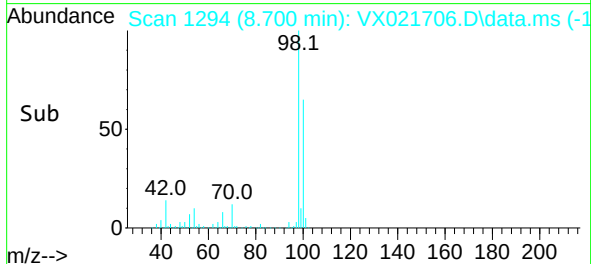
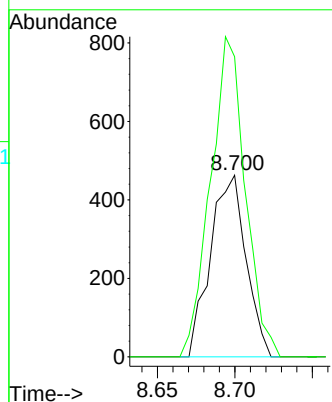
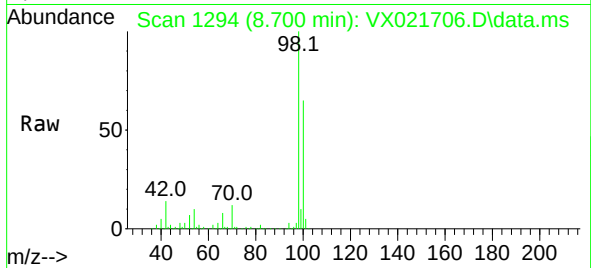




#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

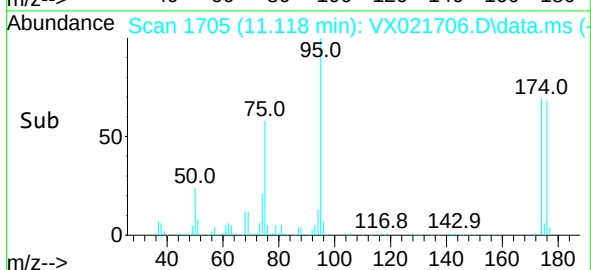
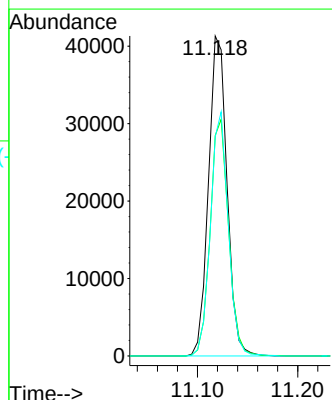
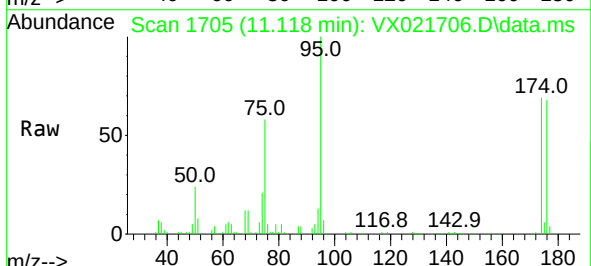
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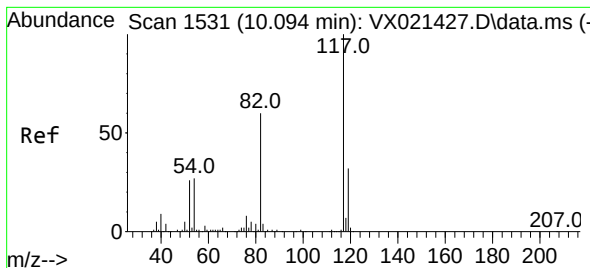
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 172.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 52.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 95 Resp: 53127
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 73.1 0.0 155.8

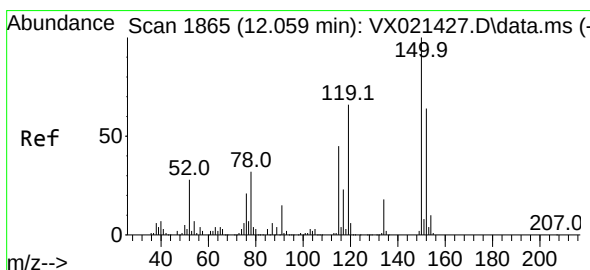
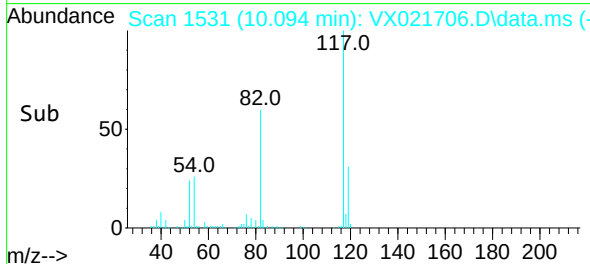
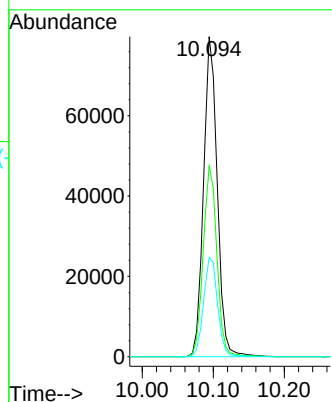
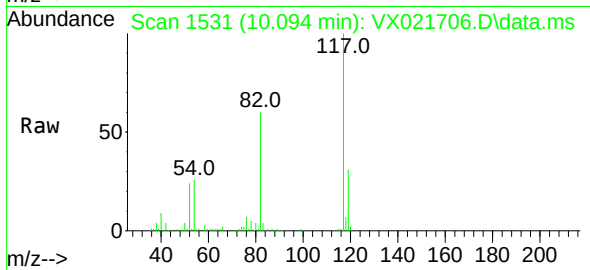




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

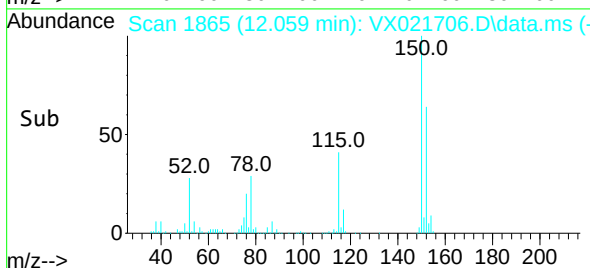
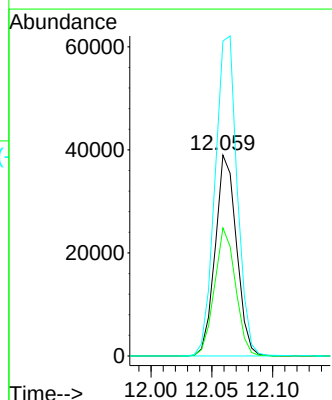
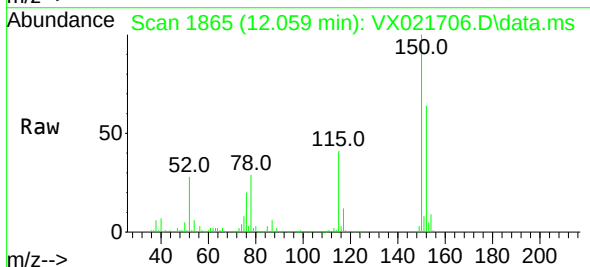
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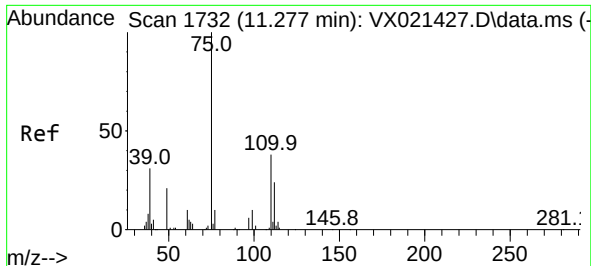
Tgt Ion:117 Resp: 107184
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion:152 Resp: 47442
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 165.7 0.0 349.0

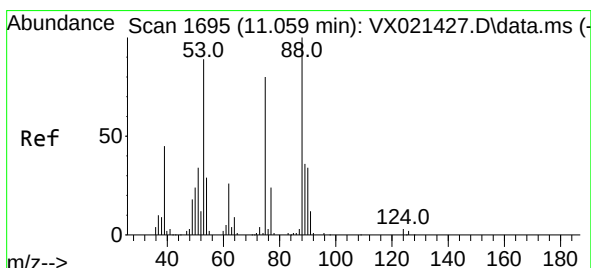
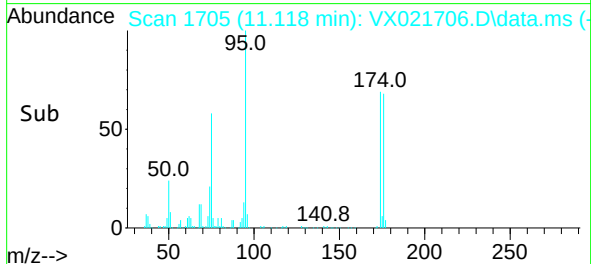
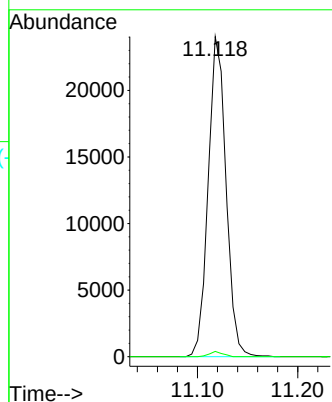
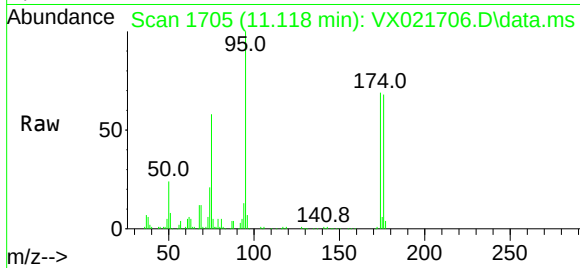




#76
1,2,3-Trichloropropane
Concen: 27.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 75 Resp: 29815
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021706.D
Acq: 01 Apr 2021 14:35

Tgt Ion: 75 Resp: 29815
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

