

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021369.D
 Acq On : 22 Mar 2021 19:24
 Operator : JC/MD
 Sample : M1764-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:04:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

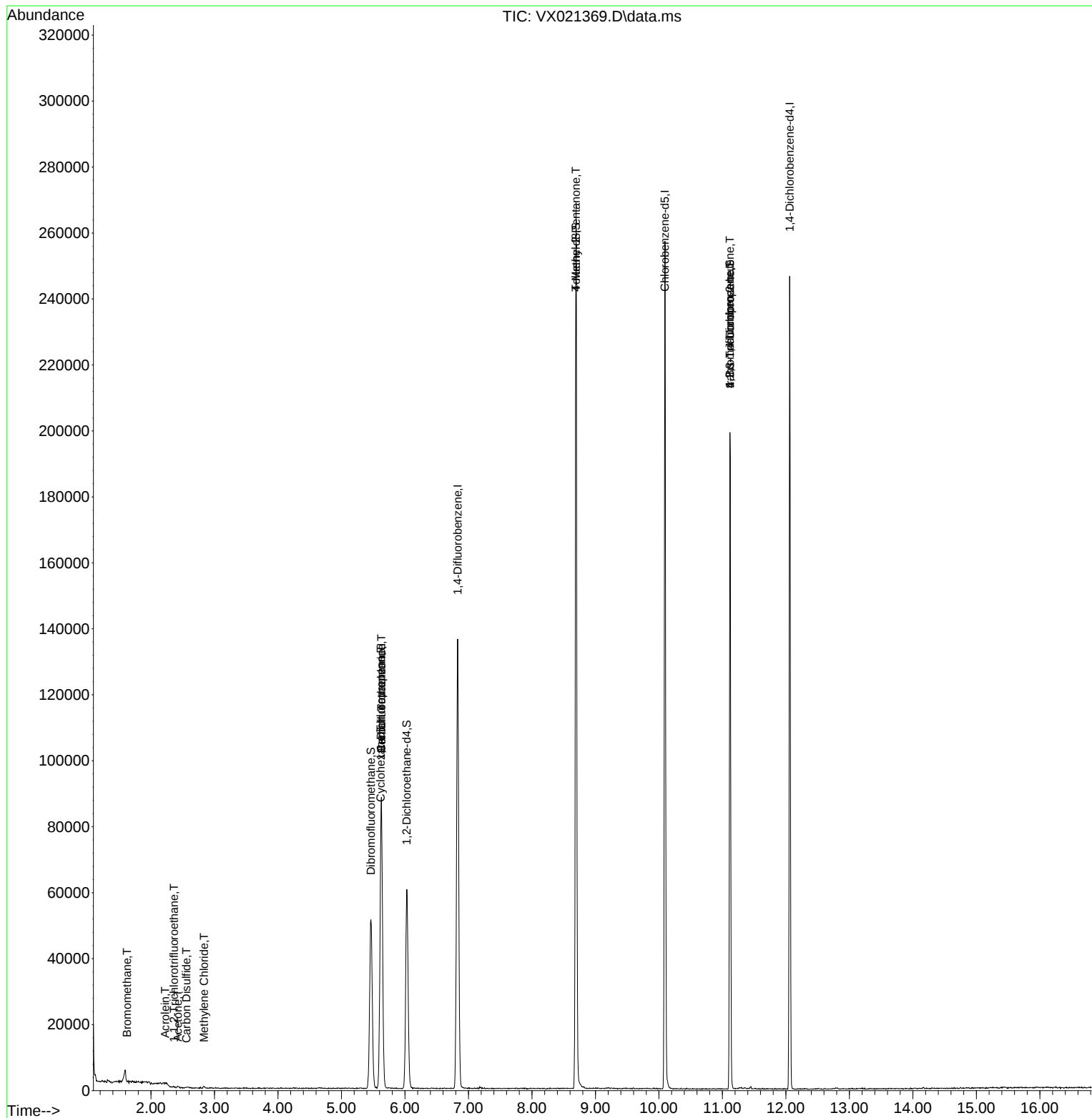
Internal Standards						
1) Pentafluorobenzene	5.629	168	74374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60103	49.27	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.54%			
35) Dibromofluoromethane	5.464	113	42750	50.72	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.44%			
50) Toluene-d8	8.694	98	148958	48.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.42%			
62) 4-Bromofluorobenzene	11.118	95	52027	43.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.62%			
Target Compounds						
3) Chloromethane	1.317	50	1432	Below Cal	#	88
5) Bromomethane	1.623	94	106	0.27 ug/l	#	2
9) 1,1,2-Trichlorotrifluo...	2.364	101	251	0.32 ug/l	#	52
13) Acrolein	2.223	56	19	3.28 ug/l	#	1
16) Acetone	2.423	43	457	1.02 ug/l	#	88
17) Carbon Disulfide	2.558	76	68	0.57 ug/l	#	75
20) Methylene Chloride	2.835	84	210	0.23 ug/l	#	79
31) Cyclohexane	5.617	56	2111	1.43 ug/l	#	44
36) 1,1-Dichloropropene	5.623	75	6955	5.57 ug/l	#	50
38) Carbon Tetrachloride	5.629	117	8320	6.42 ug/l	#	18
51) 4-Methyl-2-Pentanone	8.694	43	886	0.64 ug/l	#	1
76) 1,2,3-Trichloropropane	11.118	75	29952	29.65 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29952	80.51 ug/l	#	12

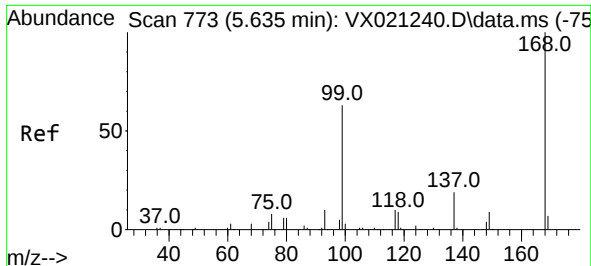
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 02:04:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

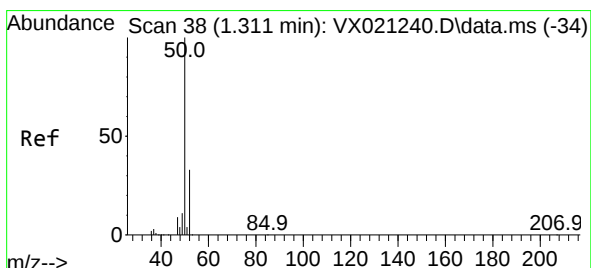
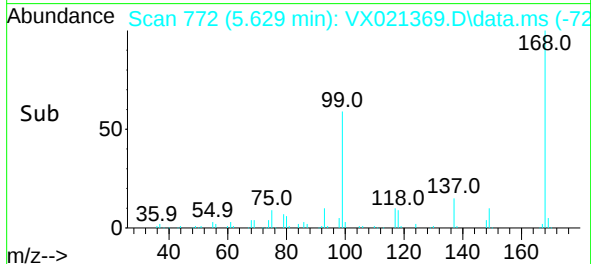
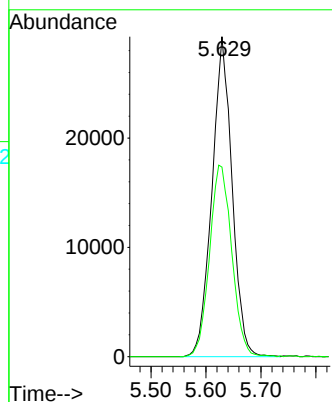
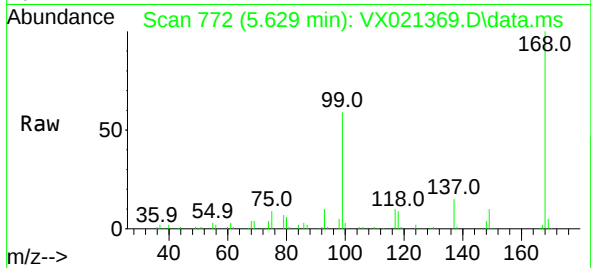




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

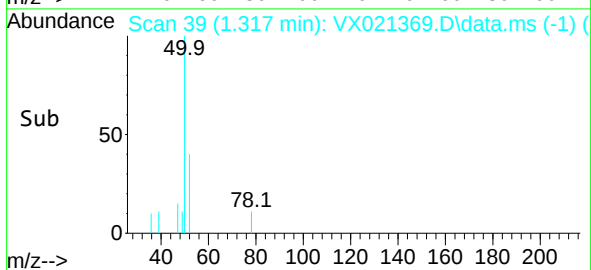
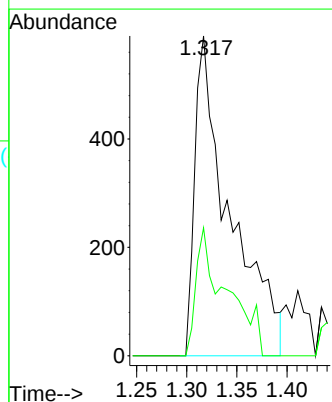
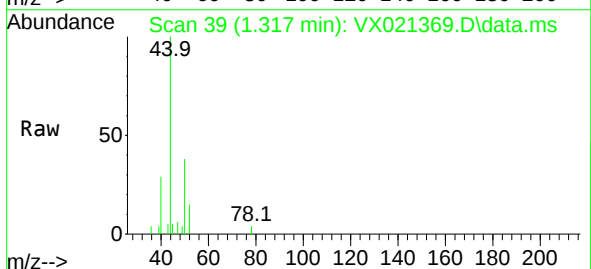
Instrument :
MSVOA_X
ClientSampleId :

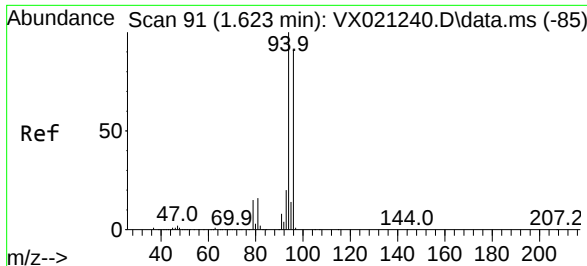
Tgt Ion:168 Resp: 74374
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

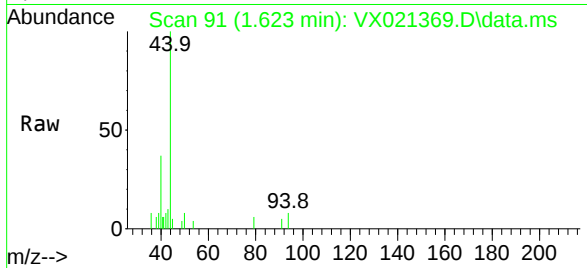
Tgt Ion: 50 Resp: 1432
Ion Ratio Lower Upper
50 100
52 40.0 26.4 39.6#



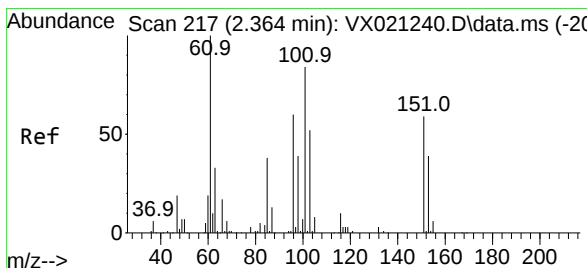
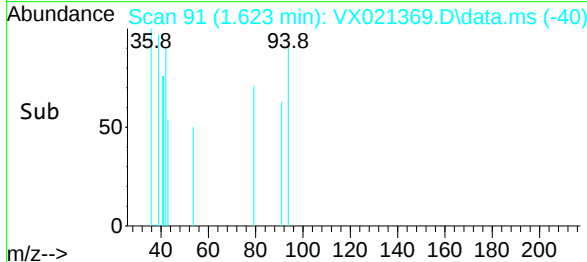
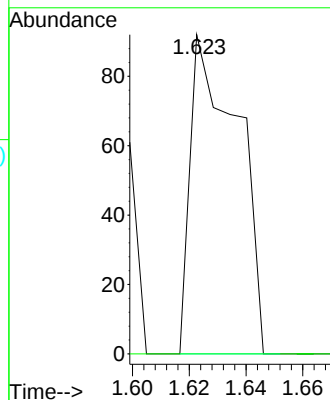


#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Instrument :
MSVOA_X
ClientSampled :

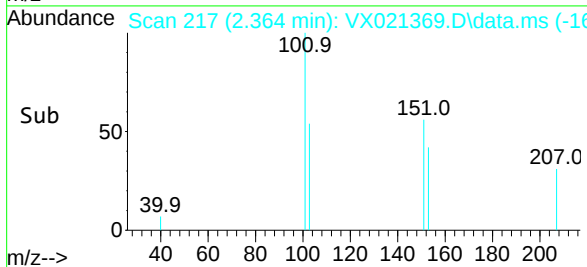
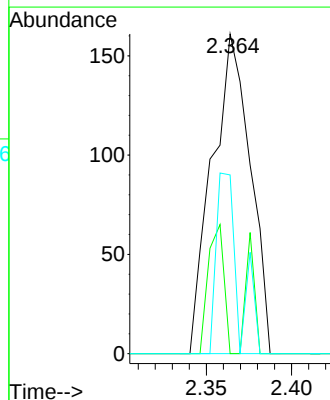
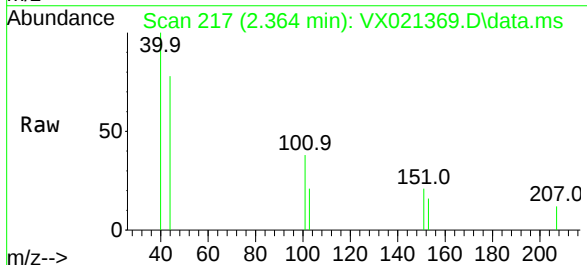


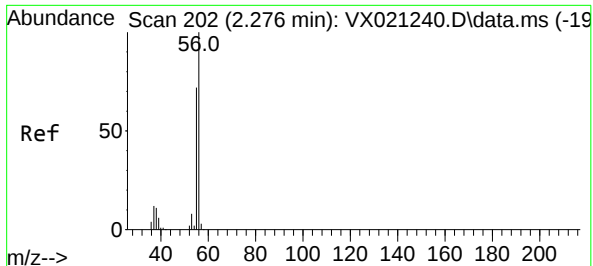
Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.32 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Tgt Ion: 101 Resp: 251
Ion Ratio Lower Upper
101 100
85 16.7 34.9 52.3#
151 32.7 61.4 92.2#

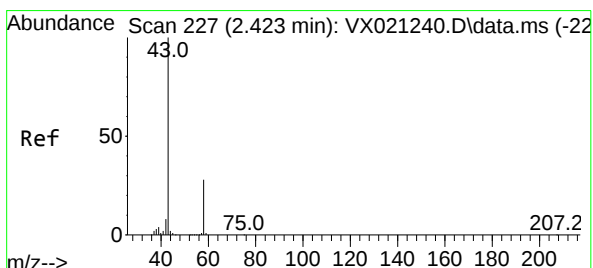
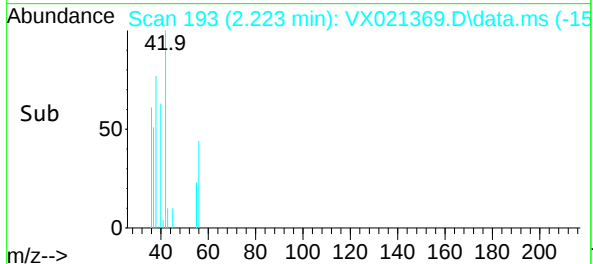
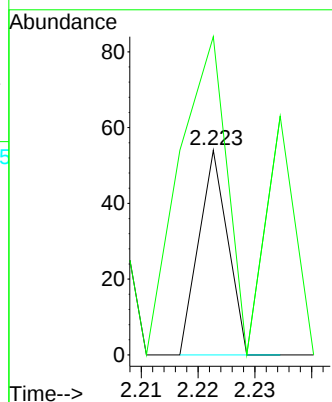
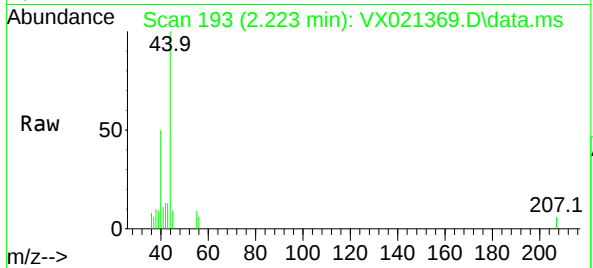




#13
Acrolein
Concen: 3.28 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

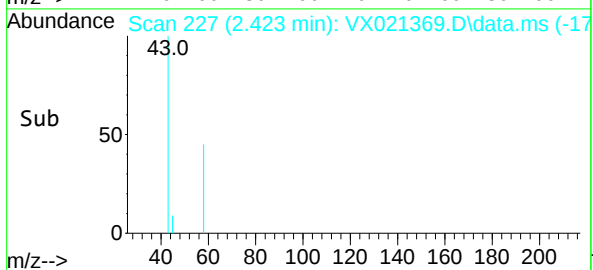
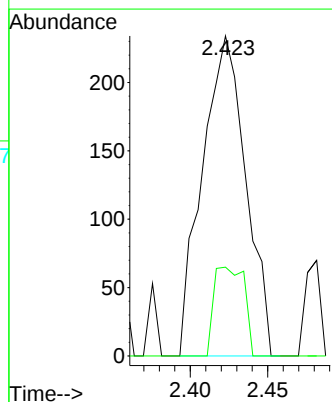
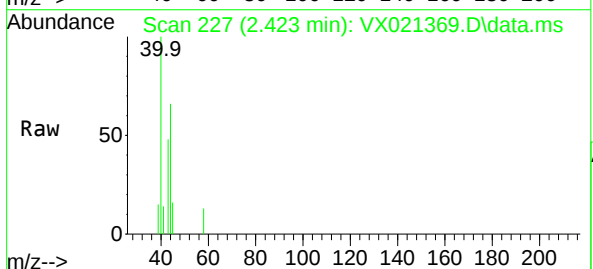
Instrument :
MSVOA_X
ClientSampleId :

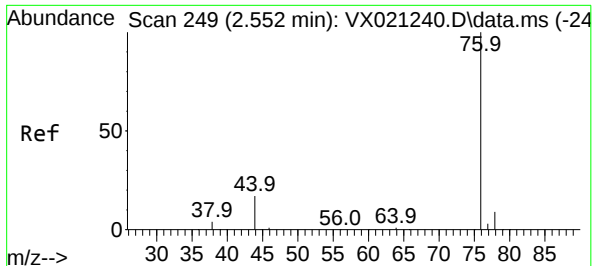
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 373.7 56.4 84.6#



#16
Acetone
Concen: 1.02 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

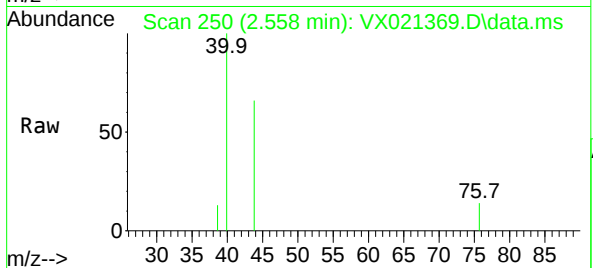
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



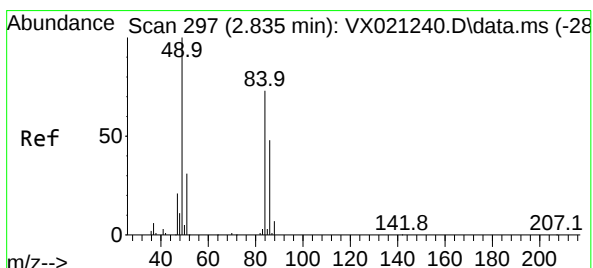
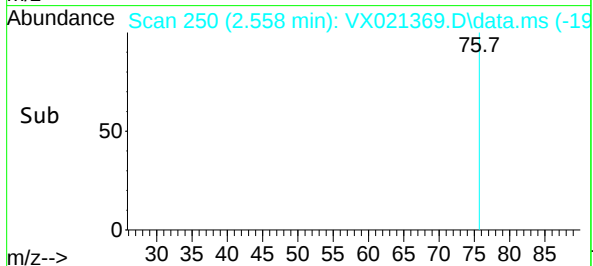
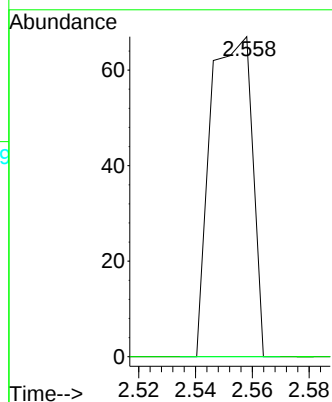


#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Instrument :
MSVOA_X
ClientSampled :

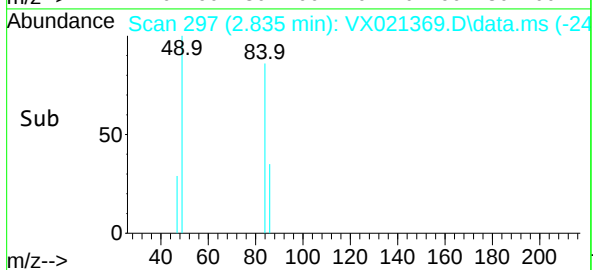
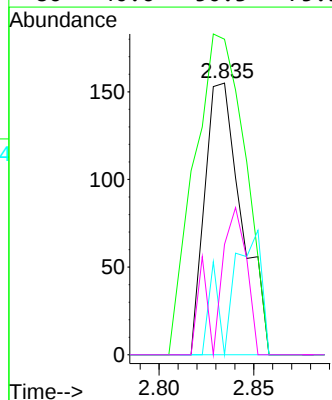
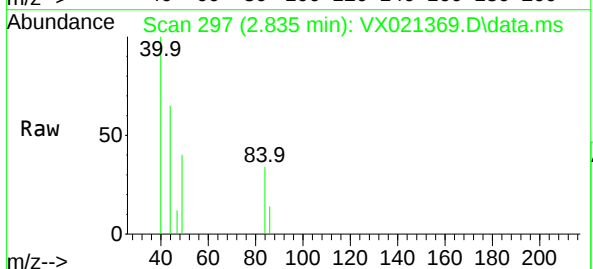


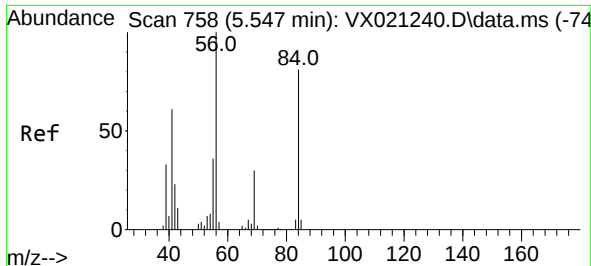
Tgt Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

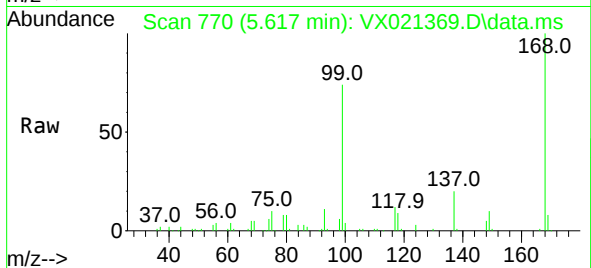
Tgt Ion: 84 Resp: 210
Ion Ratio Lower Upper
84 100
49 116.1 88.6 132.8
51 0.0 27.0 40.6#
86 40.6 50.3 75.5#



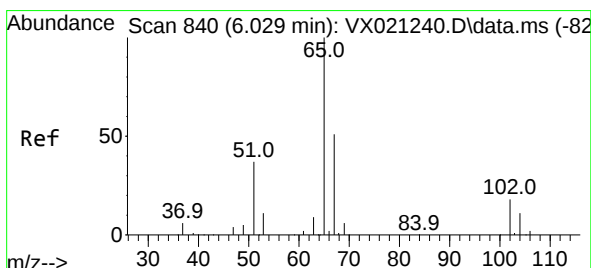
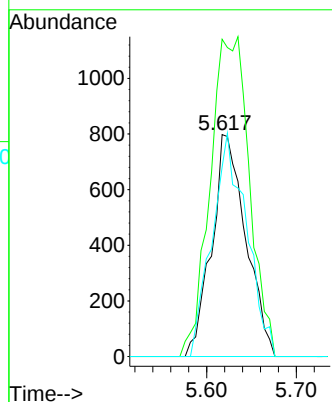
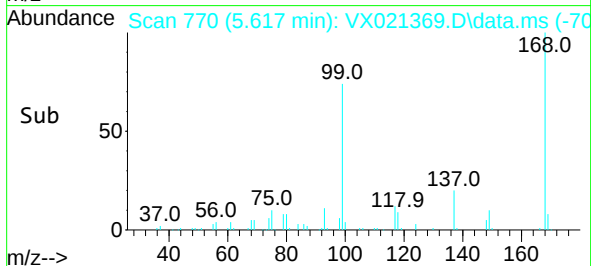


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

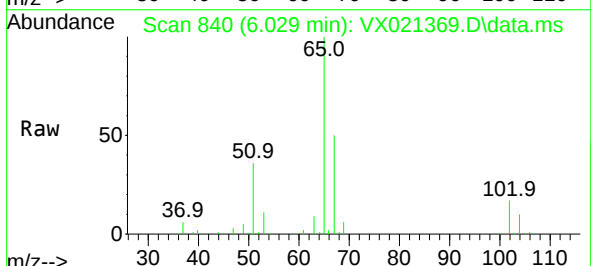
Instrument :
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ClientSampleId :



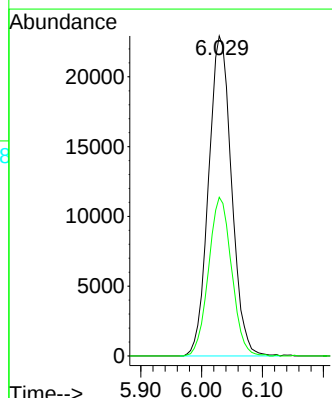
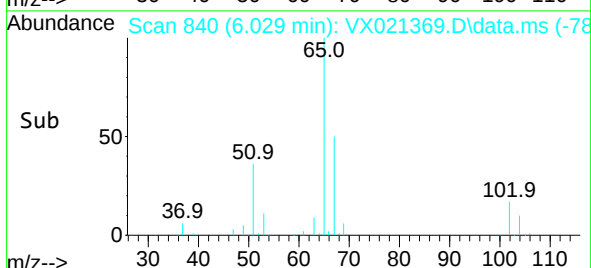
Tgt Ion: 56 Resp: 2111
Ion Ratio Lower Upper
56 100
69 143.0 25.3 37.9#
84 85.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 49.27 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24



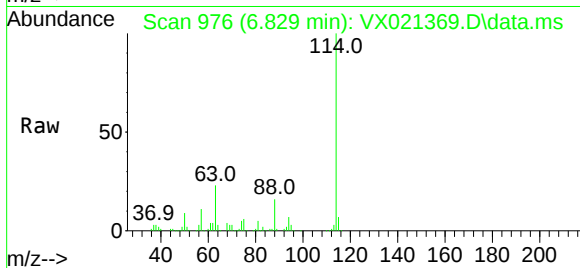
Tgt Ion: 65 Resp: 60103
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4



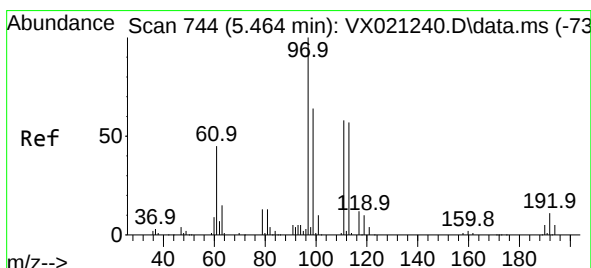
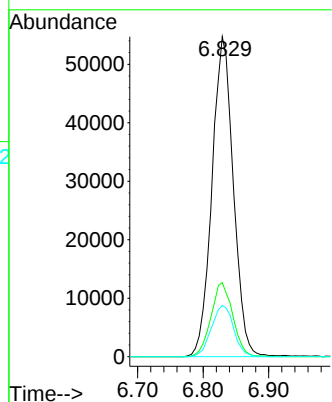
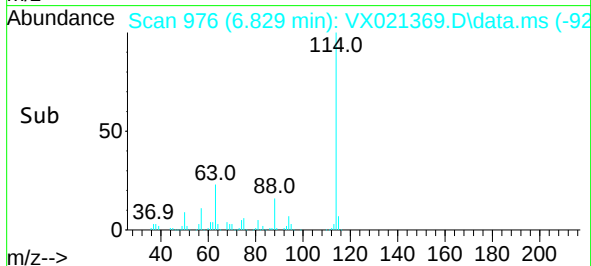


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

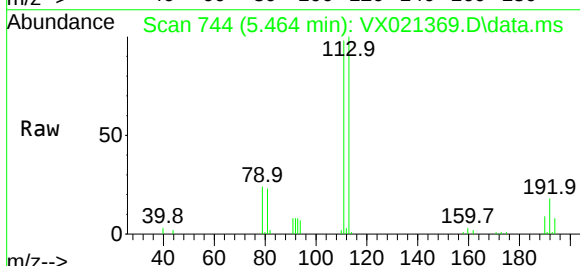
Instrument :
MSVOA_X
ClientSampled :



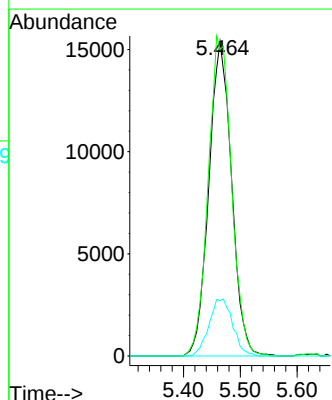
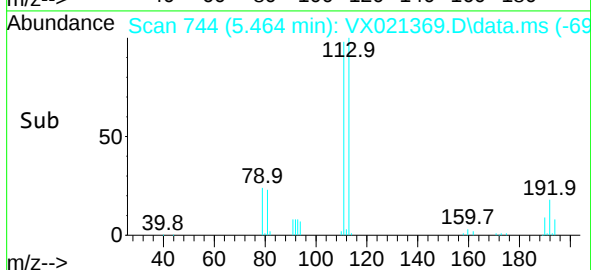
Tgt Ion:114 Resp: 123856
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.0 0.0 32.8

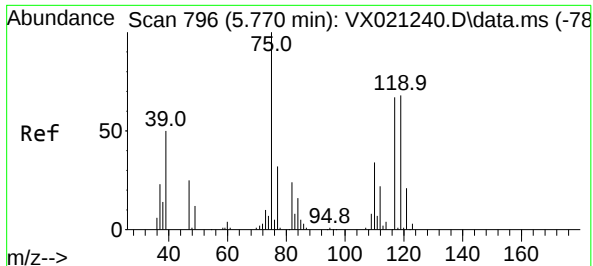


#35
Dibromofluoromethane
Concen: 50.72 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24



Tgt Ion:113 Resp: 42750
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 18.9 16.7 25.1

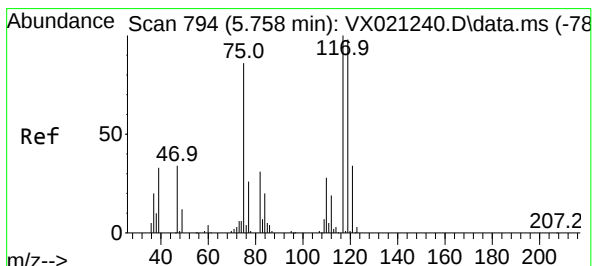
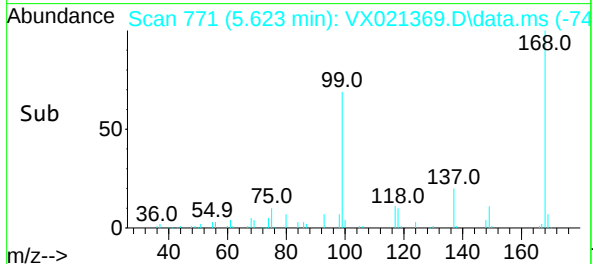
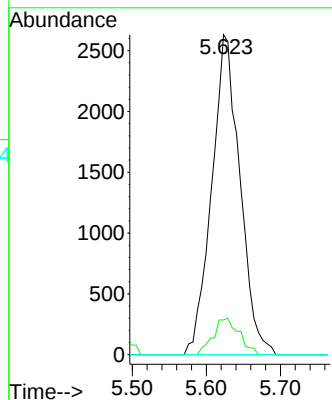
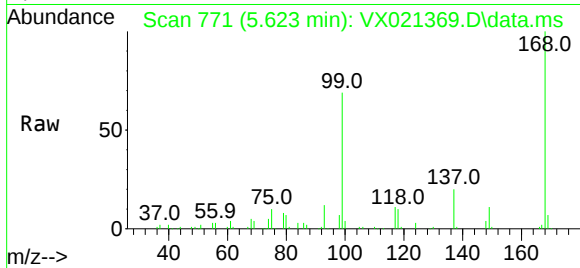




#36
1,1-Dichloropropene
Concen: 5.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

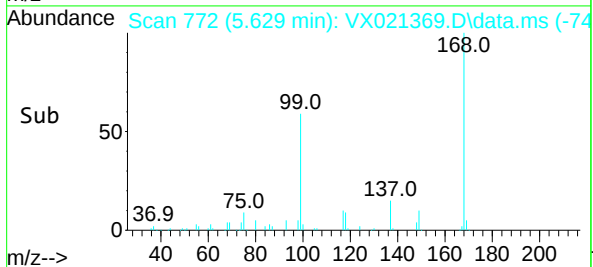
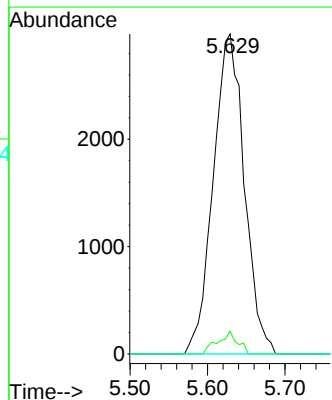
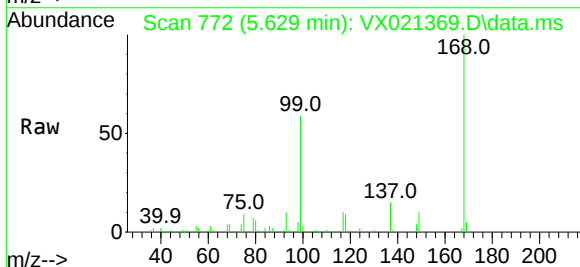
Instrument :
MSVOA_X
ClientSampled :

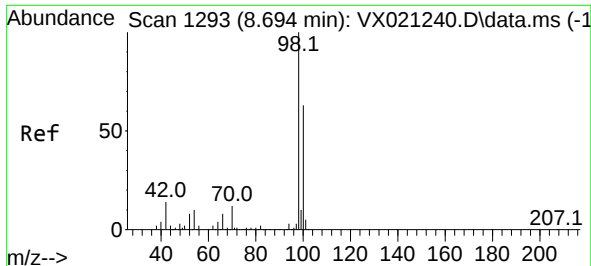
Tgt Ion: 75 Resp: 6955
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Tgt Ion: 117 Resp: 8320
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.2#
121 0.0 24.8 37.2#

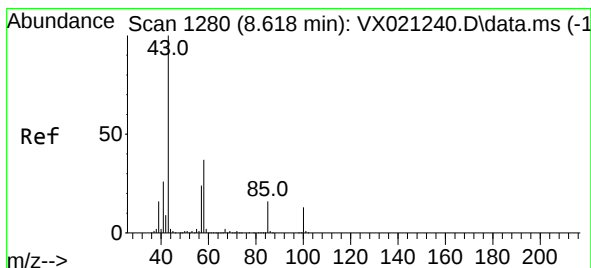
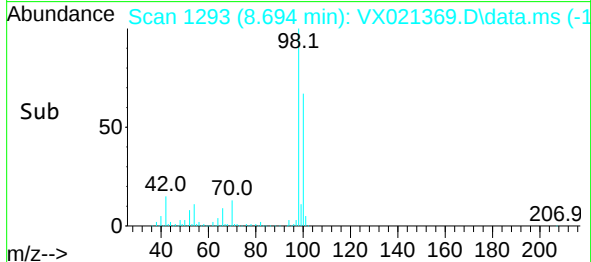
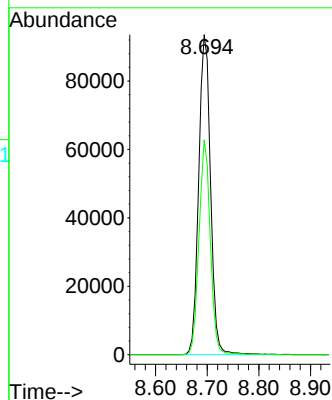
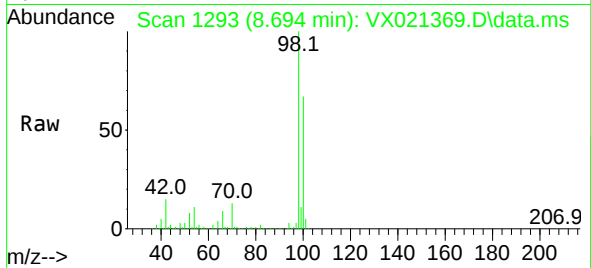




#50
Toluene-d8
Concen: 48.71 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

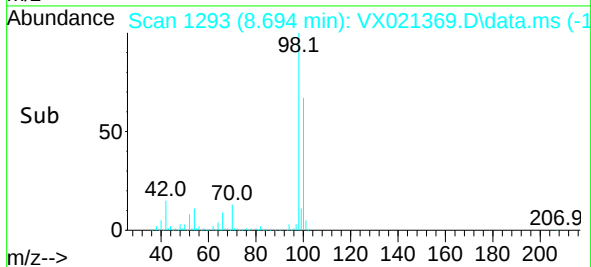
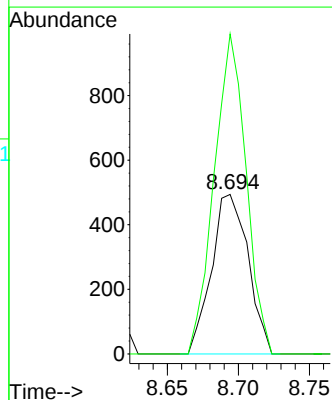
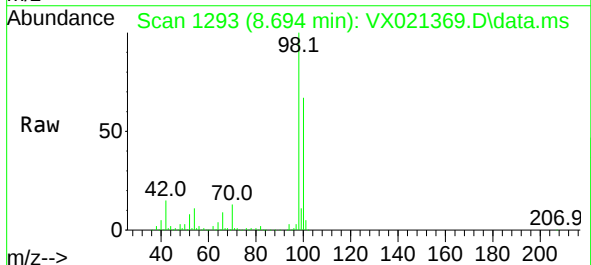
Instrument :
MSVOA_X
ClientSampled :

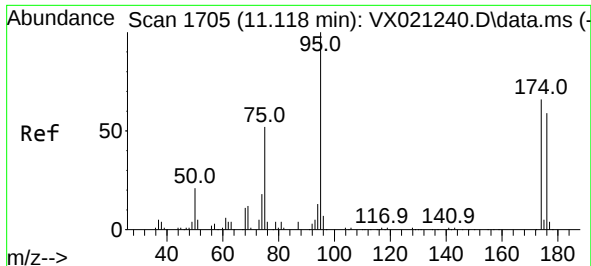
Tgt Ion: 98 Resp: 148958
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 174.8 35.4 53.0#

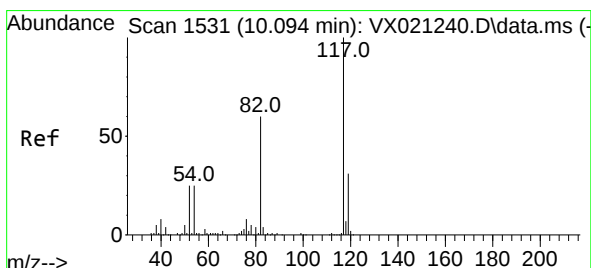
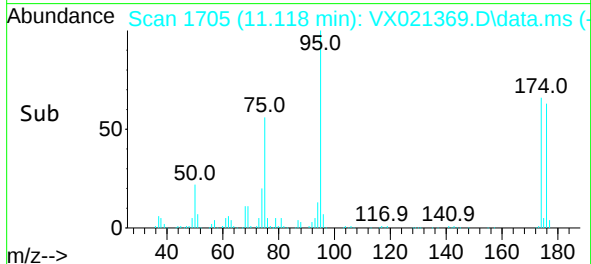
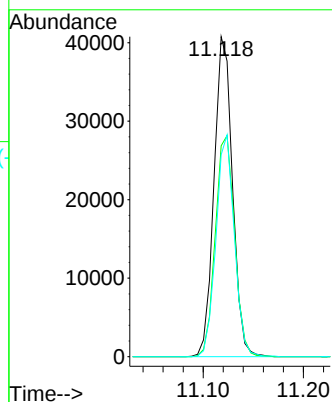
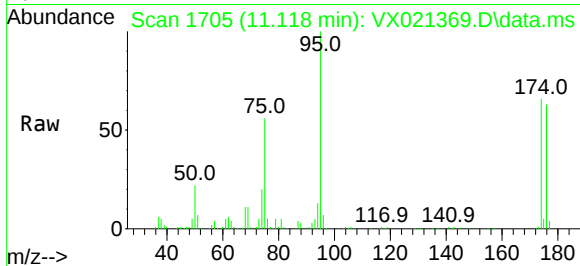




#62
4-Bromofluorobenzene
Concen: 43.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

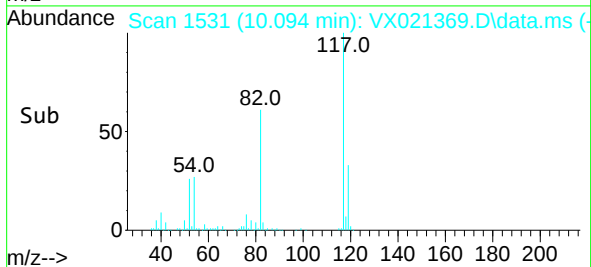
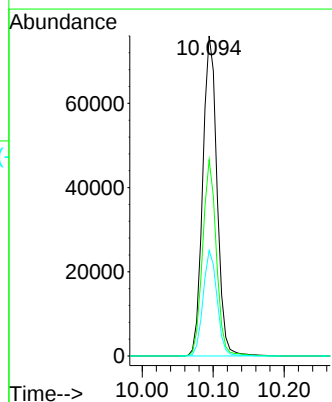
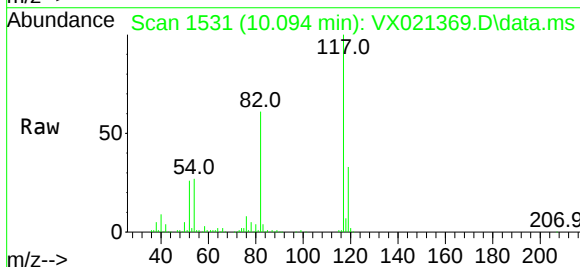
Instrument :
MSVOA_X
ClientSampled :

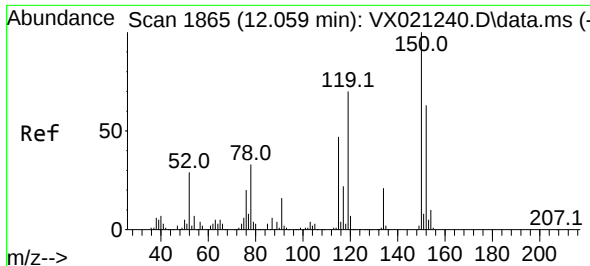
Tgt Ion: 95 Resp: 52027
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 68.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

Tgt Ion: 117 Resp: 106594
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 33.0 26.6 39.8

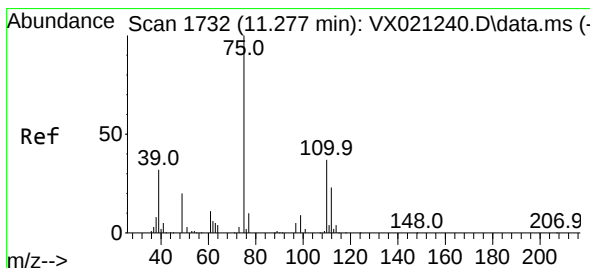
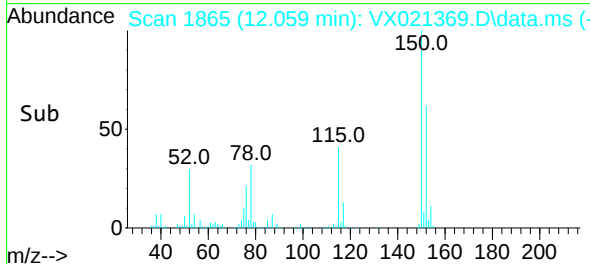
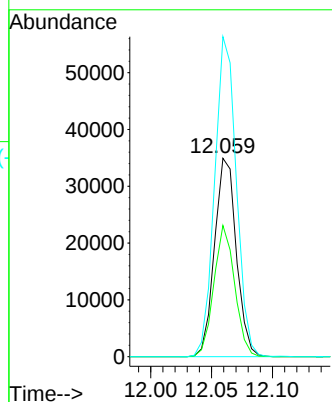
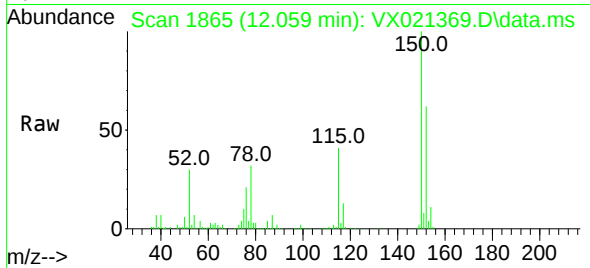




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

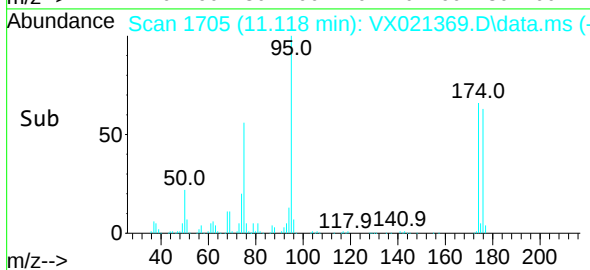
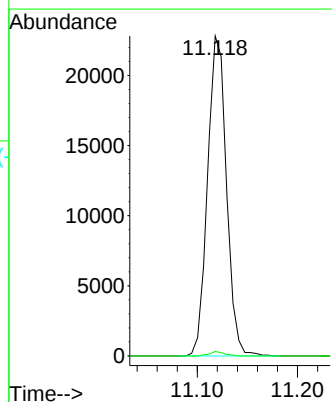
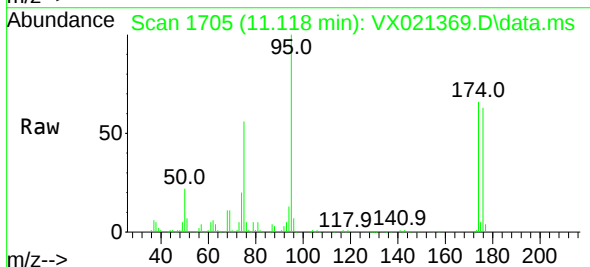
Instrument :
MSVOA_X
ClientSampleId :

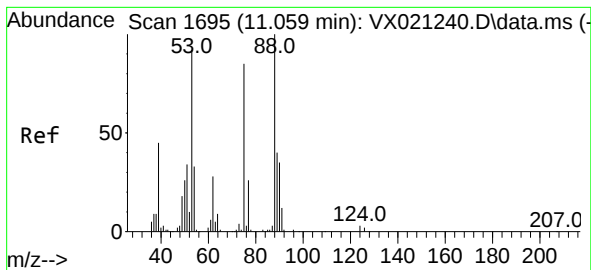
Tgt Ion:152 Resp: 43544
Ion Ratio Lower Upper
152 100
115 63.1 41.1 123.3
150 160.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021369.D
Acq: 22 Mar 2021 19:24

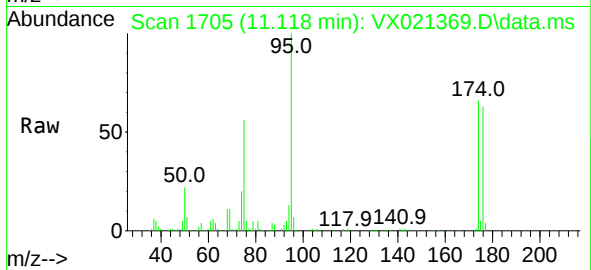
Tgt Ion: 75 Resp: 29952
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.51 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021369.D
 Acq: 22 Mar 2021 19:24

Instrument :
 MSVOA_X
 ClientSampleId :



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

