

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021389.D
 Acq On : 23 Mar 2021 16:35
 Operator : JC/MD
 Sample : M1752-13 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 01:57:41 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)

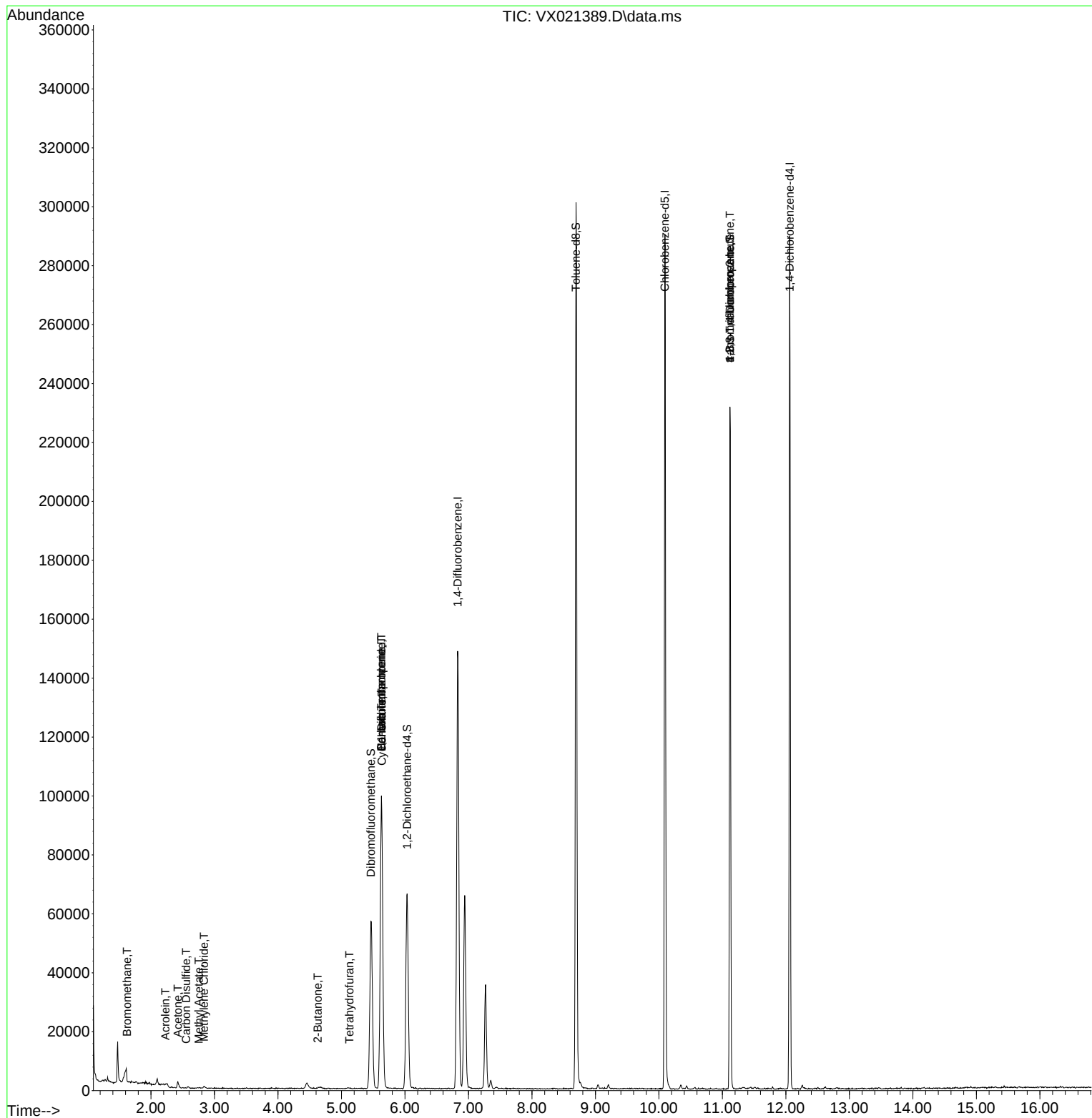
Internal Standards						
1) Pentafluorobenzene	5.629	168	85755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	141387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	66793	47.49	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.98%
35) Dibromofluoromethane	5.464	113	46182	48.00	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.00%
50) Toluene-d8	8.694	98	169027	48.42	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.84%
62) 4-Bromofluorobenzene	11.118	95	62545	46.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.28%
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1790	Below Cal		98
5) Bromomethane	1.622	94	167	0.37 ug/l #		62
13) Acrolein	2.228	56	44	3.43 ug/l #		1
16) Acetone	2.423	43	2159	4.17 ug/l #		87
17) Carbon Disulfide	2.552	76	83	0.57 ug/l #		75
18) Methyl Acetate	2.752	43	363	0.26 ug/l #		47
20) Methylene Chloride	2.834	84	287	0.27 ug/l #		85
25) 2-Butanone	4.629	43	209	0.26 ug/l #		45
29) Tetrahydrofuran	5.123	42	127	0.24 ug/l #		48
31) Cyclohexane	5.635	56	2442	1.44 ug/l #		37
36) 1,1-Dichloropropene	5.629	75	7618	5.35 ug/l #		49
38) Carbon Tetrachloride	5.629	117	9459	6.39 ug/l #		17
76) 1,2,3-Trichloropropane	11.118	75	34380	27.57 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	34380	74.85 ug/l #		12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
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Response via : Initial Calibration

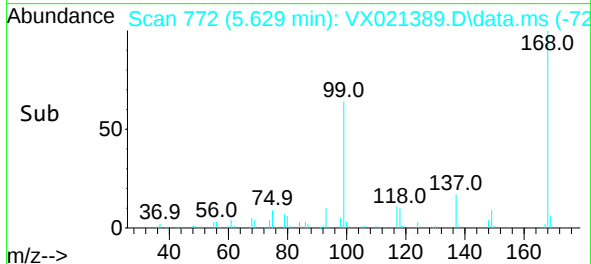
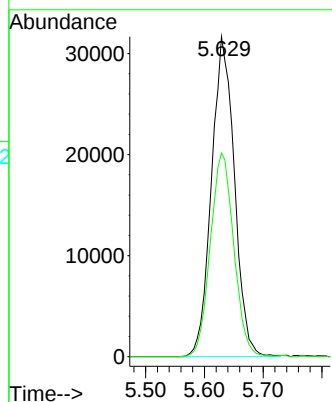
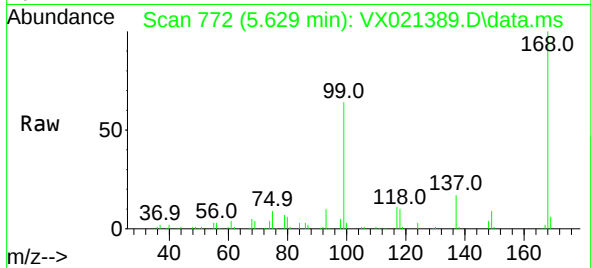




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

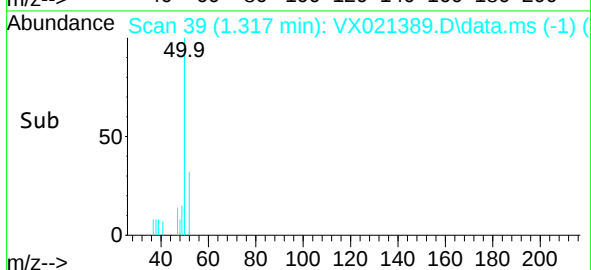
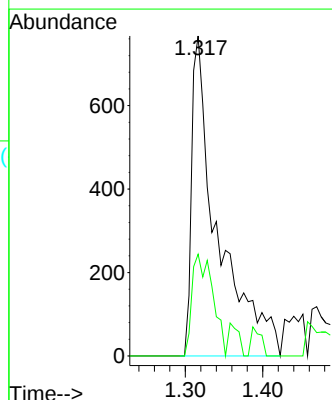
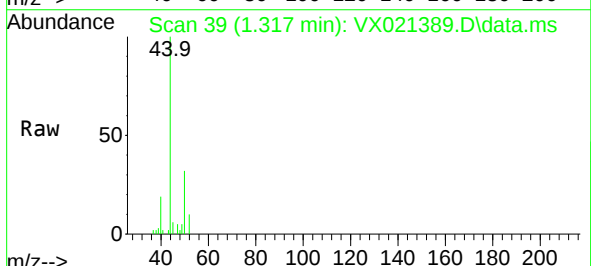
Instrument :
MSVOA_X
ClientSampleId :

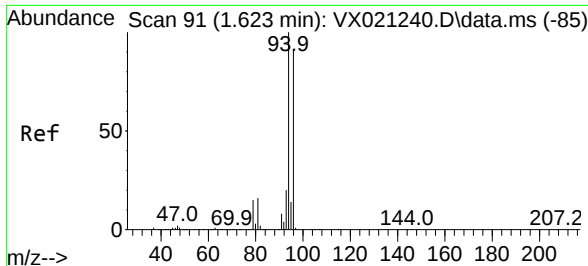
Tgt Ion:168 Resp: 85755
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 50 Resp: 1790
Ion Ratio Lower Upper
50 100
52 31.8 26.4 39.6

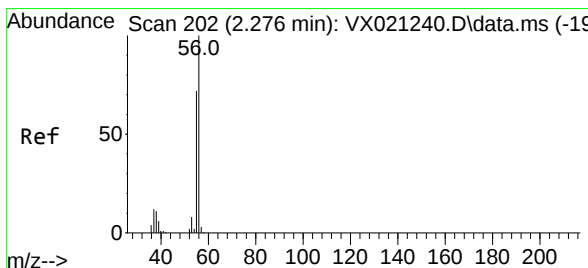
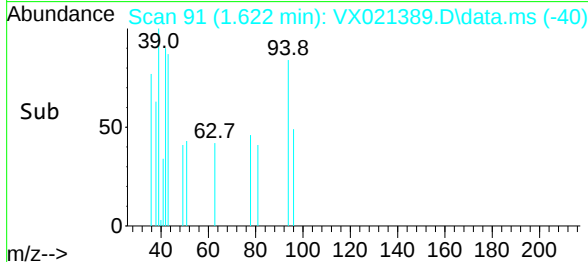
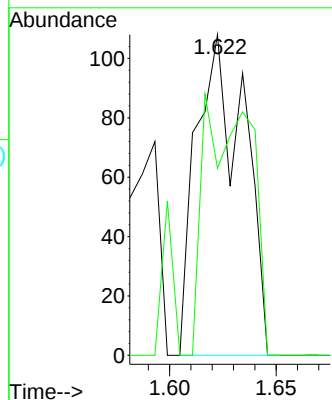
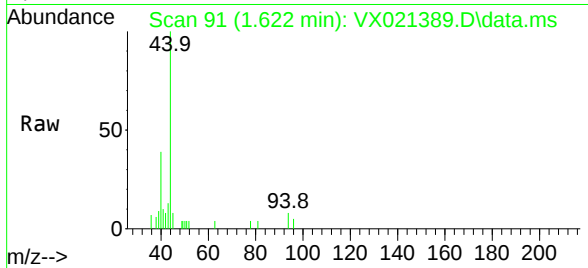




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.622 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

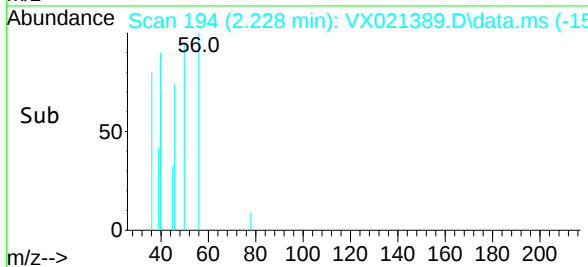
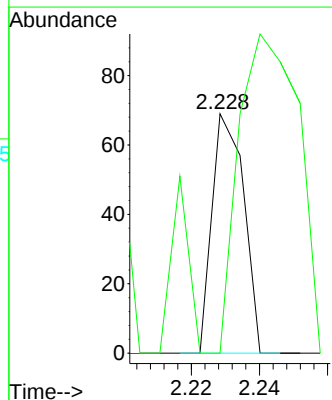
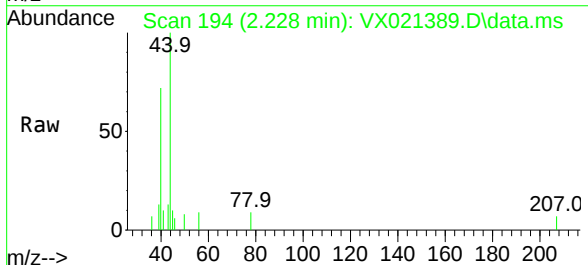
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 94 Resp: 167
Ion Ratio Lower Upper
94 100
96 58.3 76.4 114.6#



#13
Acrolein
Concen: 3.43 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 254.5 56.4 84.6#

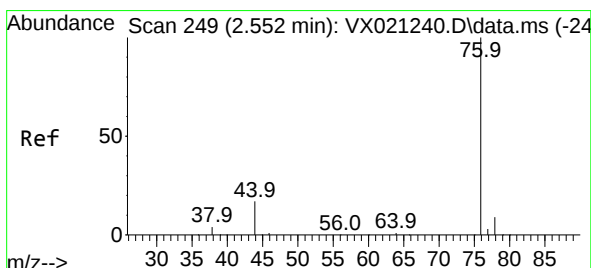
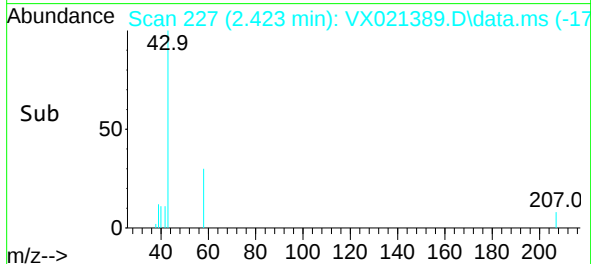
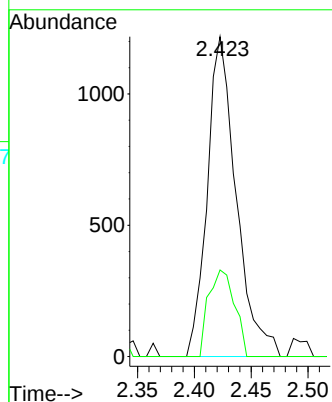
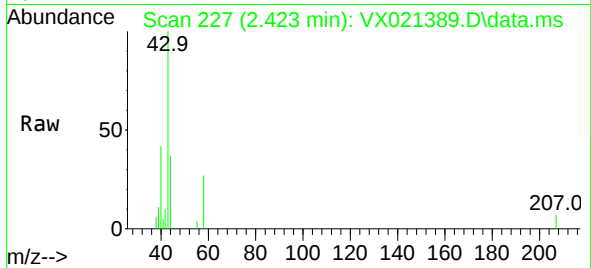




#16
Acetone
Concen: 4.17 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

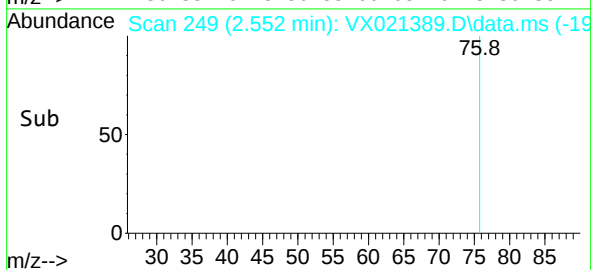
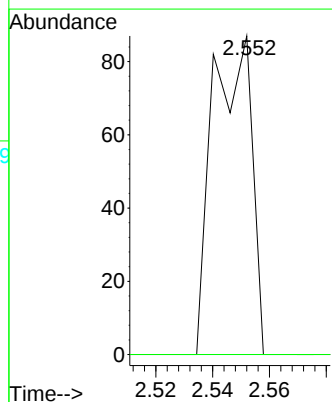
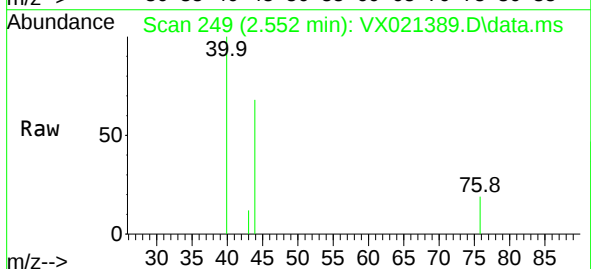
Instrument :
MSVOA_X
ClientSampled :

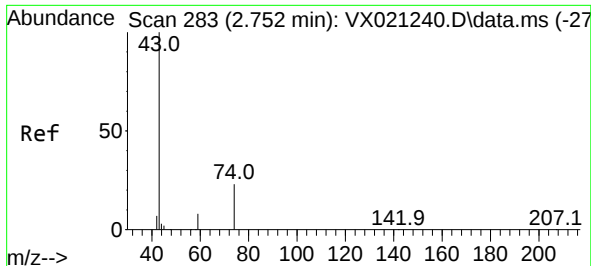
Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

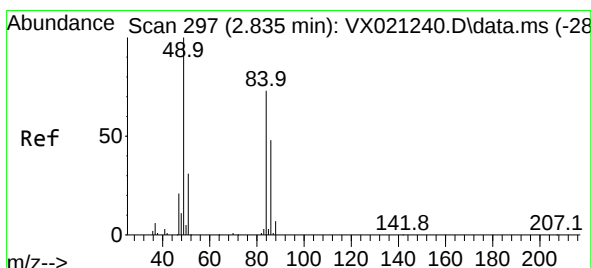
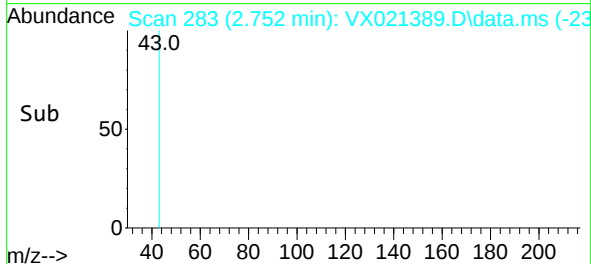
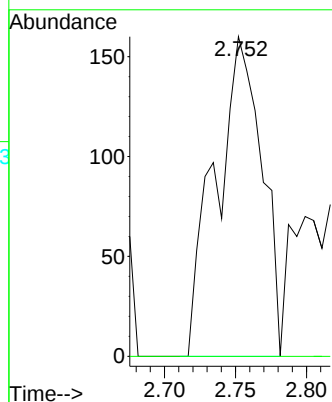
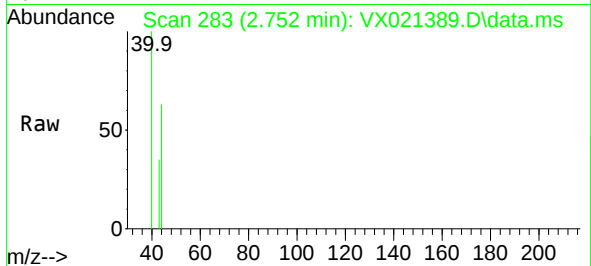




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

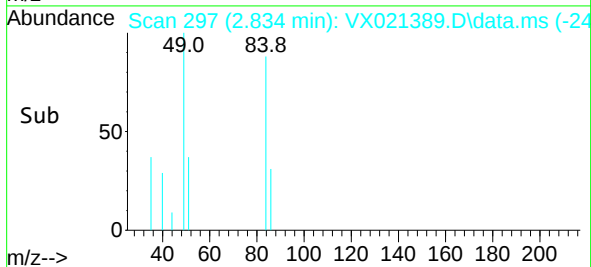
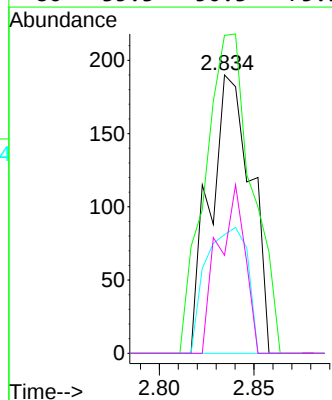
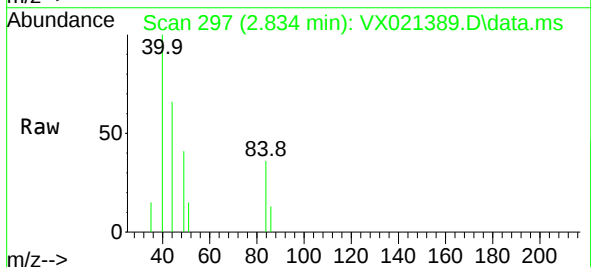
Instrument :
MSVOA_X
ClientSampled :

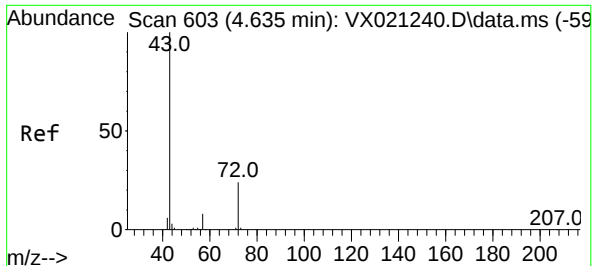
Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 114.2 88.6 132.8
51 42.6 27.0 40.6#
86 35.3 50.3 75.5#

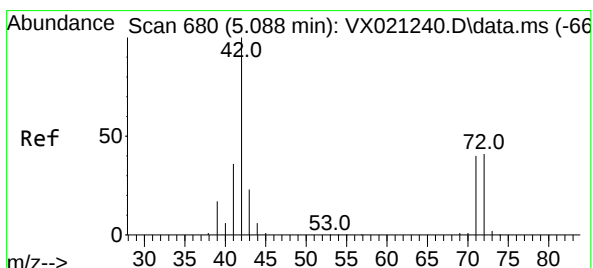
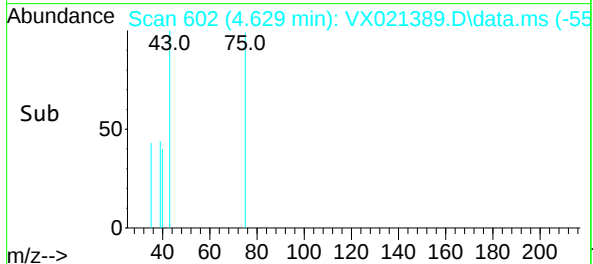
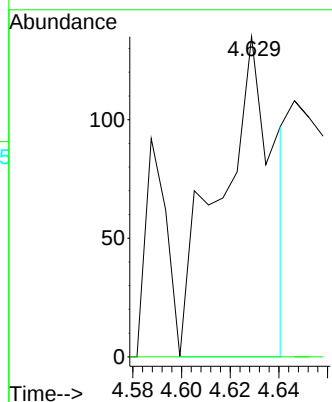
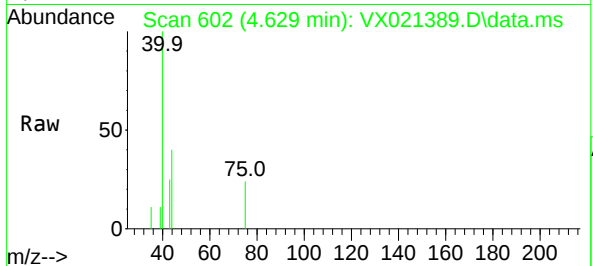




#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

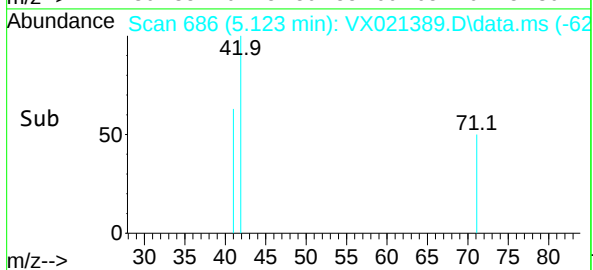
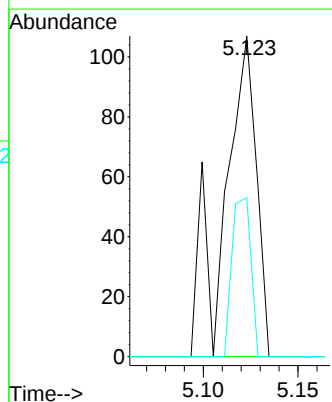
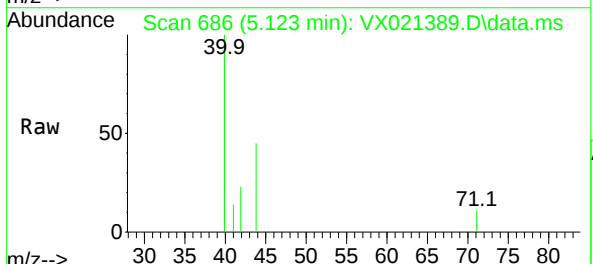
Instrument :
MSVOA_X
ClientSampled :

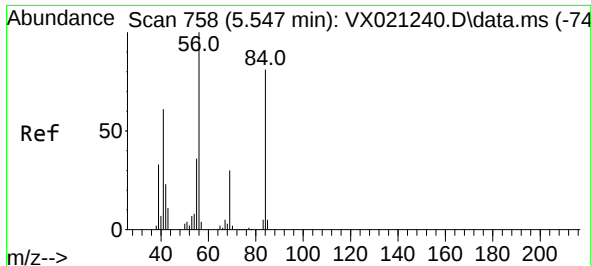
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.123 min Scan# 686
Delta R.T. 0.035 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

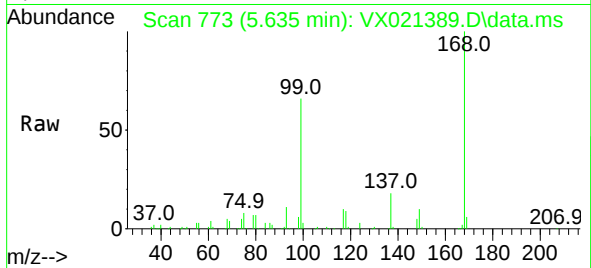
Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 29.1 38.4 57.6#



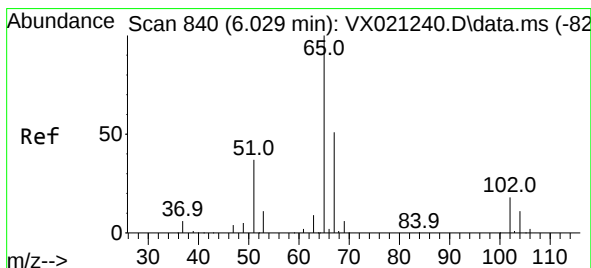
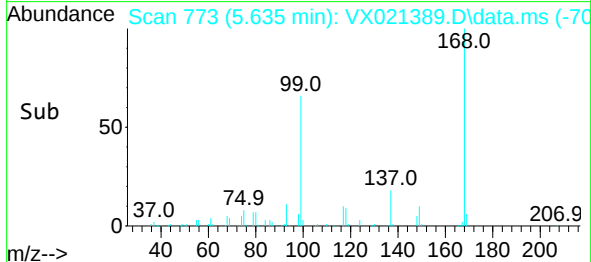
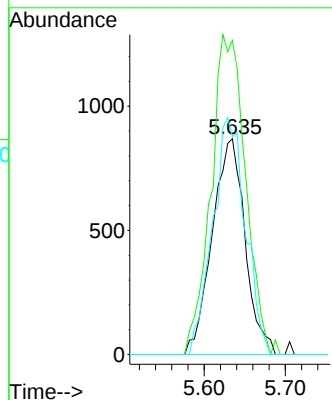


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Instrument :
MSVOA_X
ClientSampled :

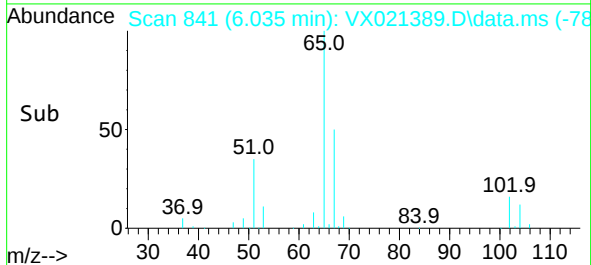
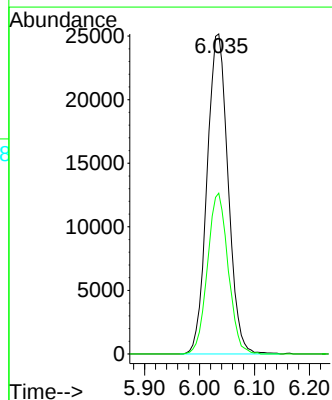
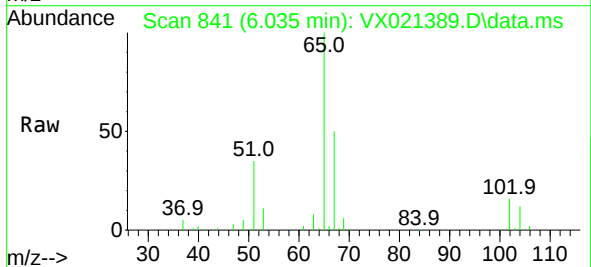


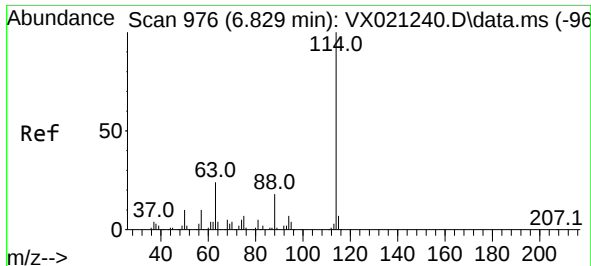
Tgt Ion: 56 Resp: 2442
Ion Ratio Lower Upper
56 100
69 145.6 25.3 37.9#
84 101.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.49 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 65 Resp: 66793
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

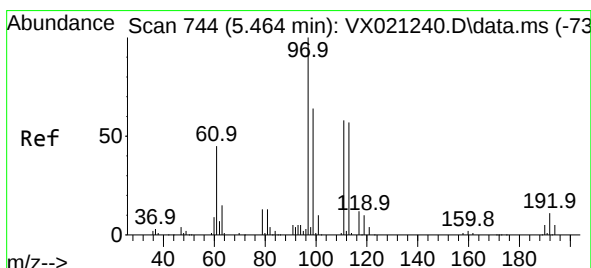
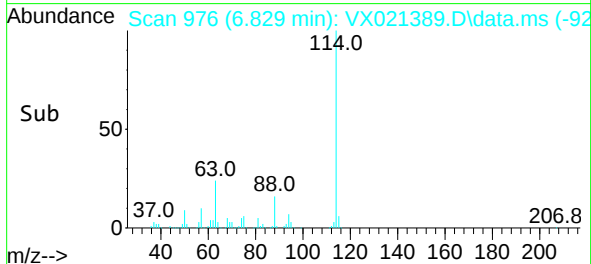
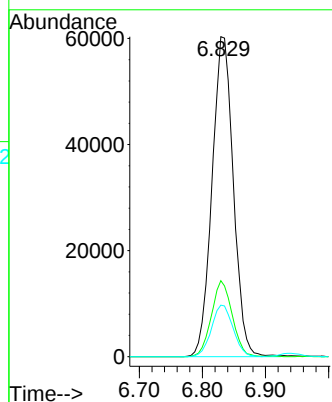
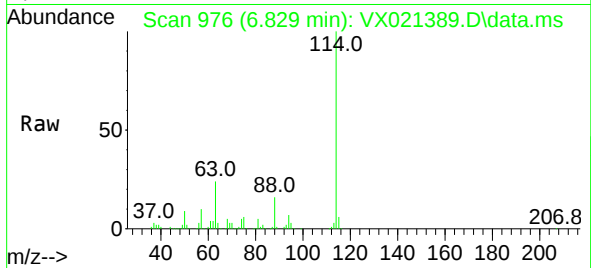




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

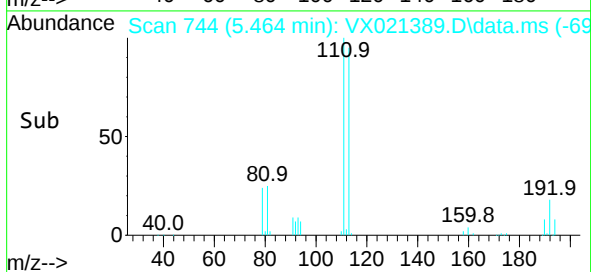
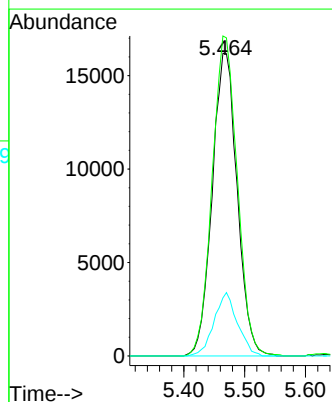
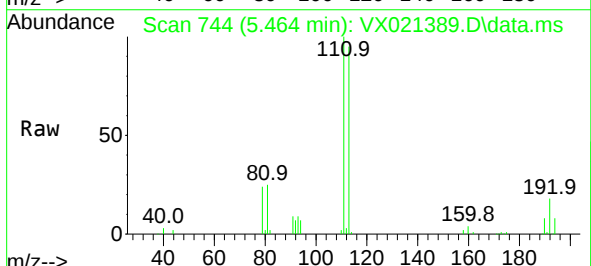
Instrument :
MSVOA_X
ClientSampled :

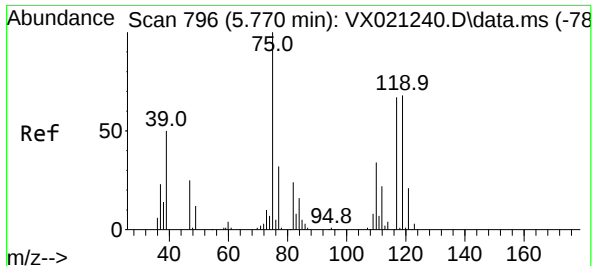
Tgt Ion:114 Resp: 141387
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion:113 Resp: 46182
Ion Ratio Lower Upper
113 100
111 106.1 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.35 ug/l

RT: 5.629 min Scan# 772

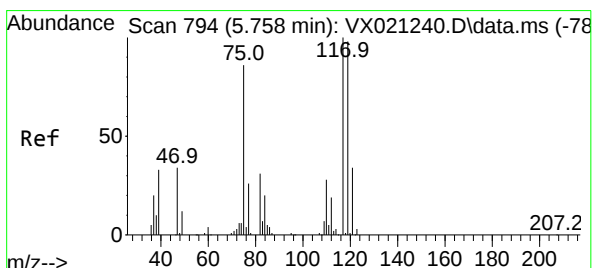
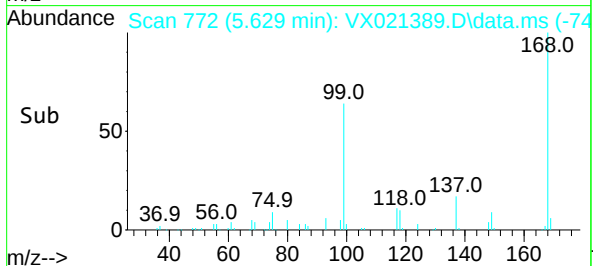
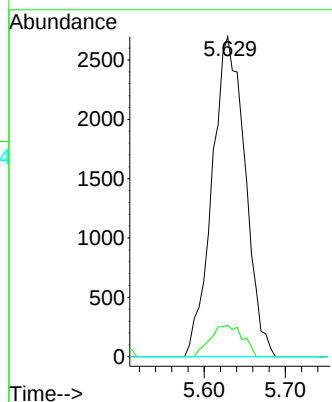
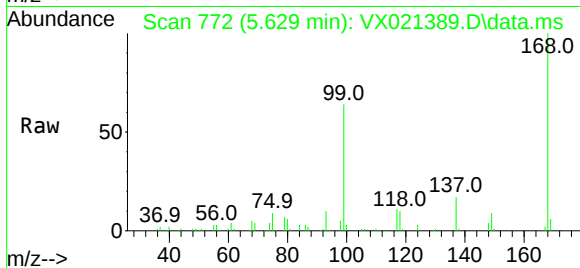
Delta R.T. -0.141 min

Lab File: VX021389.D

Acq: 23 Mar 2021 16:35

Tgt Ion:	75	Resp:	7618
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.39 ug/l

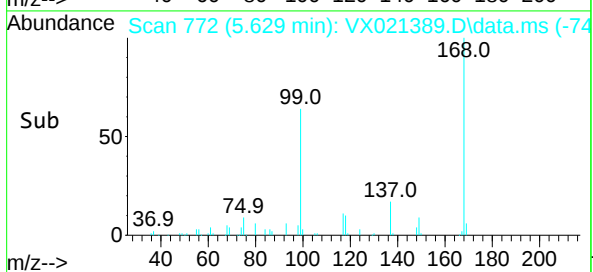
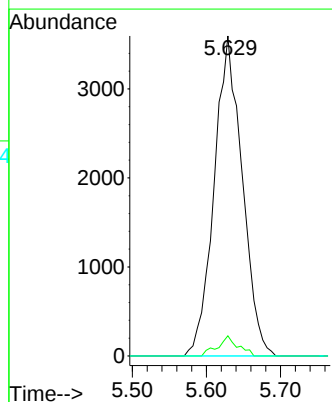
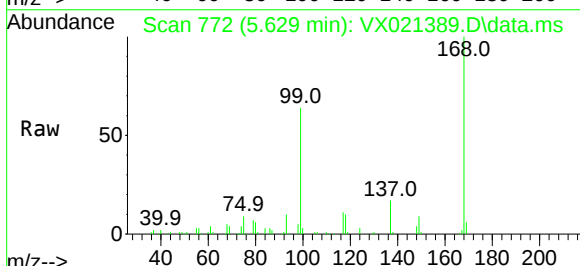
RT: 5.629 min Scan# 772

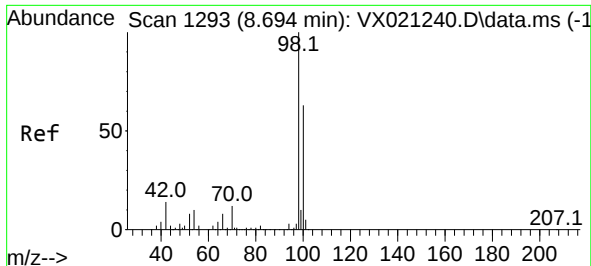
Delta R.T. -0.129 min

Lab File: VX021389.D

Acq: 23 Mar 2021 16:35

Tgt Ion:	117	Resp:	9459
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.2	114.2#
121	0.0	24.8	37.2#

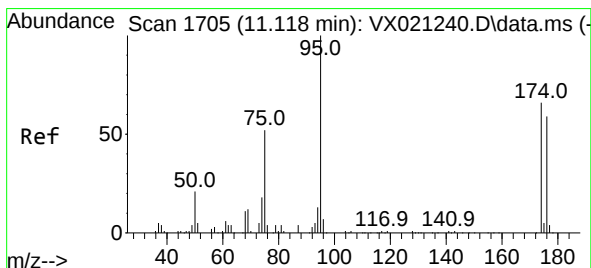
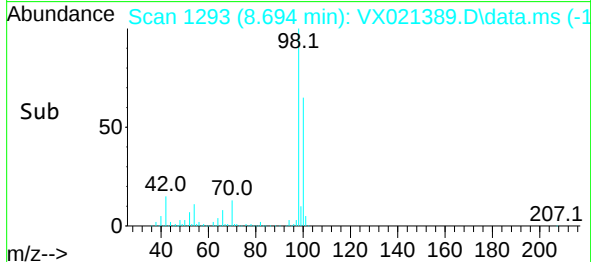
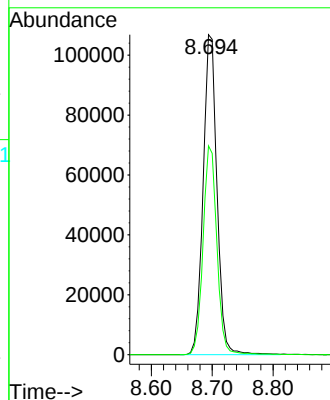
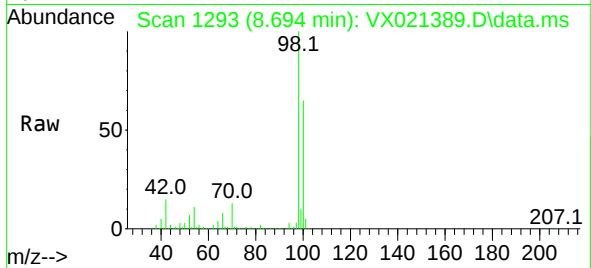




#50
Toluene-d8
Concen: 48.42 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

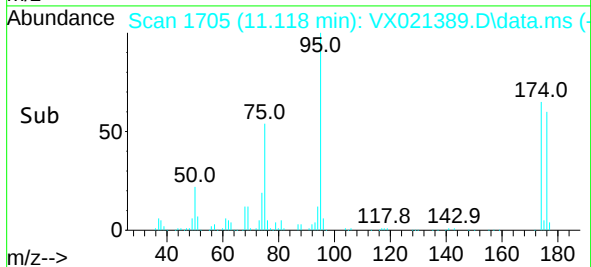
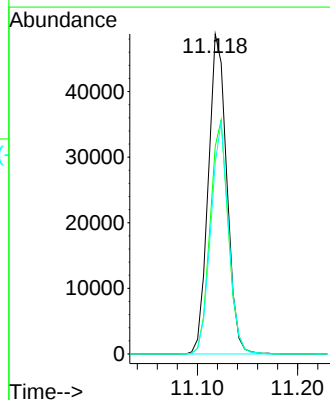
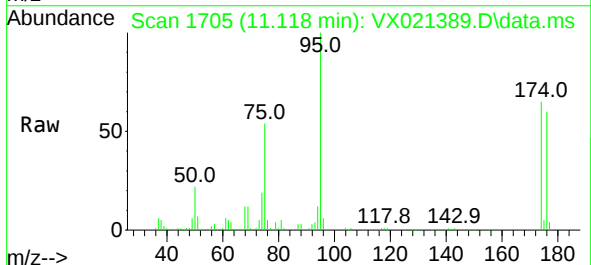
Instrument :
MSVOA_X
ClientSampled :

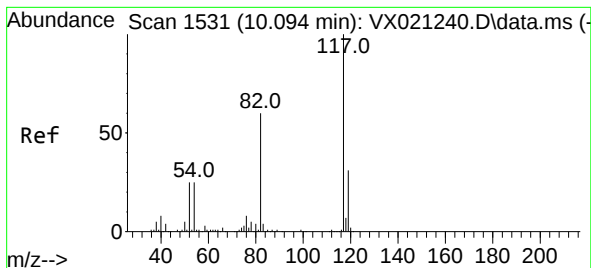
Tgt Ion: 98 Resp: 169027
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 95 Resp: 62545
Ion Ratio Lower Upper
95 100
174 71.8 0.0 154.6
176 69.7 0.0 155.8

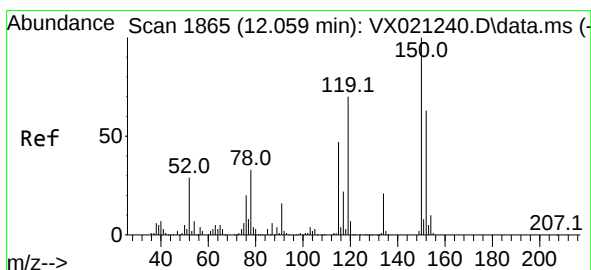
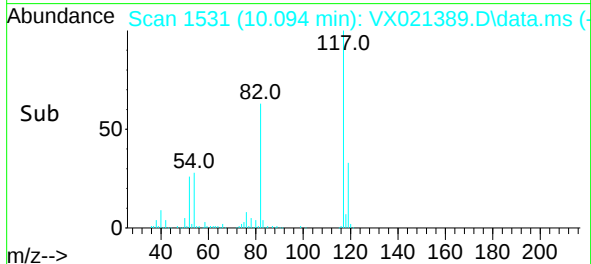
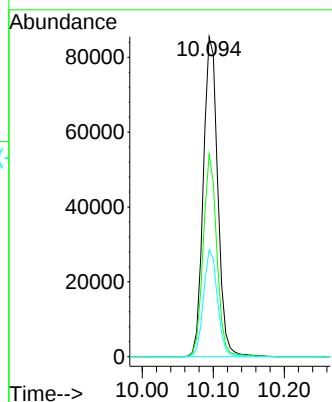
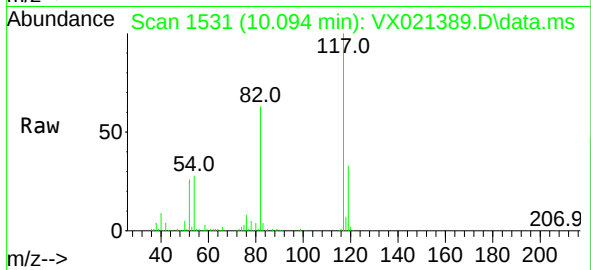




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

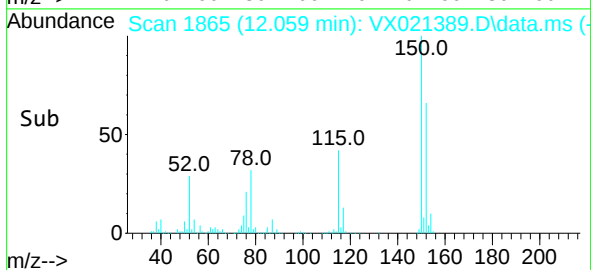
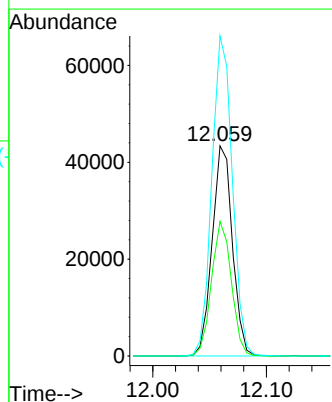
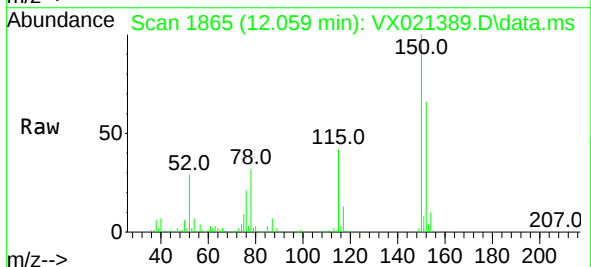
Instrument :
MSVOA_X
ClientSampled :

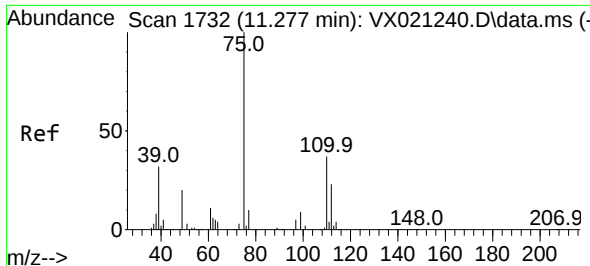
Tgt Ion:117 Resp: 121012
Ion Ratio Lower Upper
117 100
82 63.3 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion:152 Resp: 53758
Ion Ratio Lower Upper
152 100
115 62.7 41.1 123.3
150 154.0 0.0 349.0

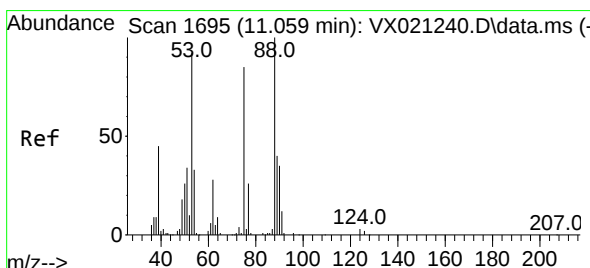
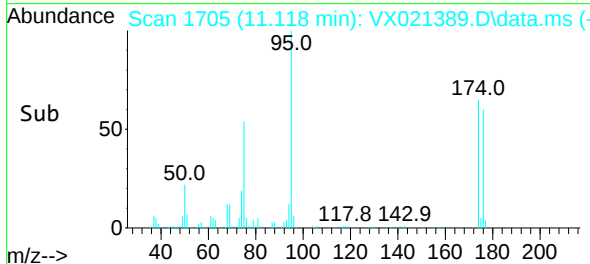
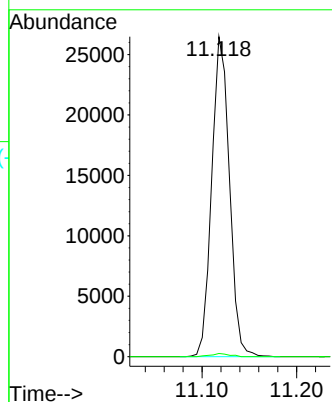
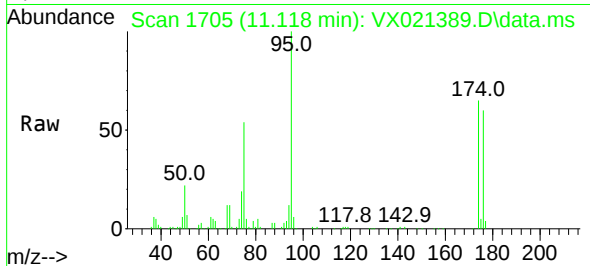




#76
1,2,3-Trichloropropane
Concen: 27.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 34380
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021389.D
Acq: 23 Mar 2021 16:35

Tgt Ion: 75 Resp: 34380
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

