

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021384.D
 Acq On : 23 Mar 2021 14:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 24 01:55:50 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	88795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	145839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	66169	45.43	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.86%
35) Dibromofluoromethane	5.470	113	48099	48.47	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.94%
50) Toluene-d8	8.694	98	172434	47.89	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.78%
62) 4-Bromofluorobenzene	11.118	95	59572	42.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.20%

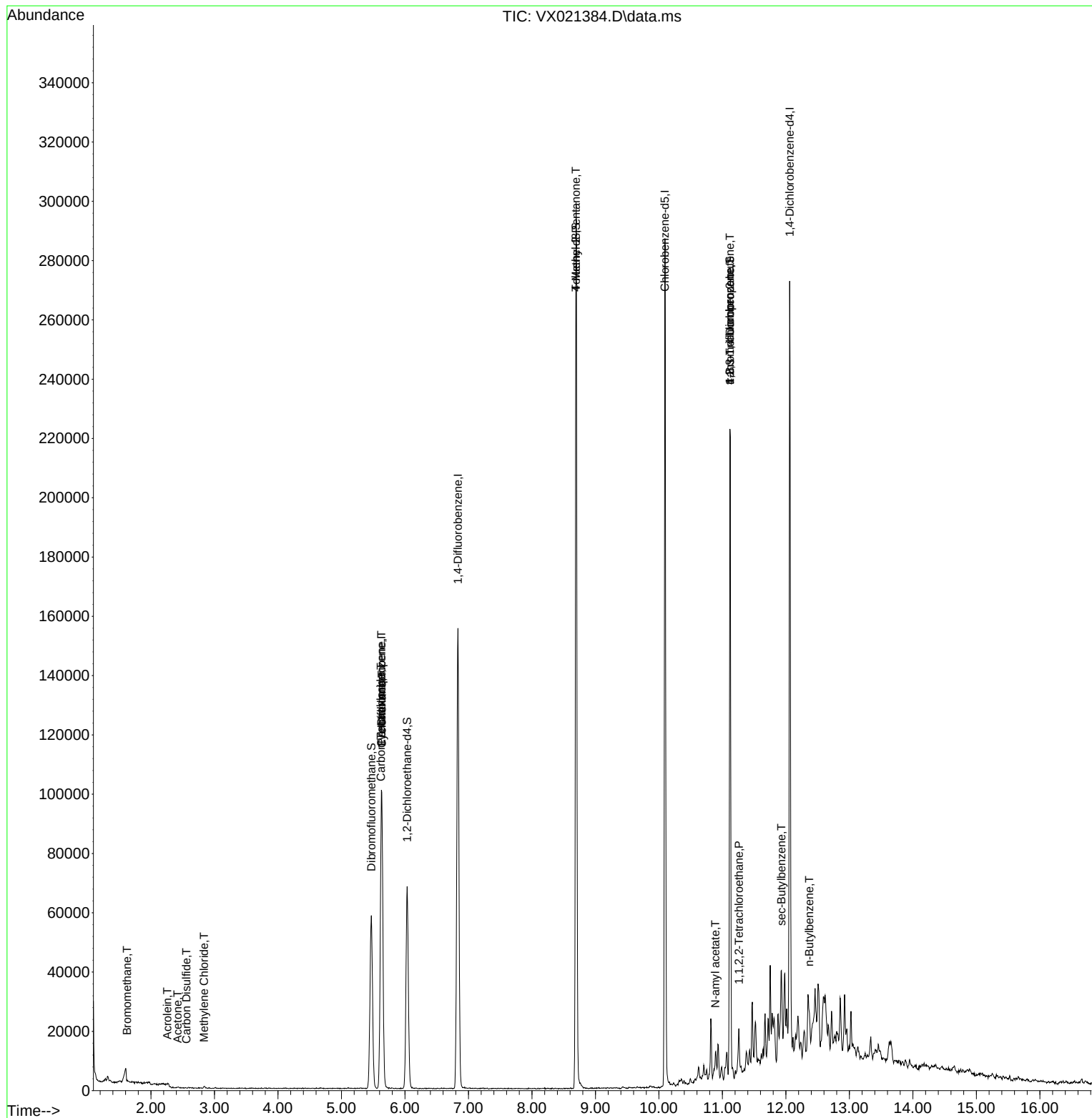
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1773	Below Cal	#	85
5) Bromomethane	1.622	94	136	0.29 ug/l	#	67
13) Acrolein	2.258	56	67	3.58 ug/l		100
16) Acetone	2.417	43	284	0.53 ug/l	#	40
17) Carbon Disulfide	2.558	76	108	0.58 ug/l	#	75
20) Methylene Chloride	2.834	84	287	0.26 ug/l	#	72
31) Cyclohexane	5.635	56	2392	1.36 ug/l	#	34
36) 1,1-Dichloropropene	5.629	75	7709	5.25 ug/l	#	49
38) Carbon Tetrachloride	5.623	117	9788	6.41 ug/l	#	16
49) 1,4-Dioxane	7.741	88	18	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.694	43	1009	0.62 ug/l	#	1
74) N-amyl acetate	10.888	43	1522	0.80 ug/l	#	23
75) 1,1,2,2-Tetrachloroethane	11.259	83	1107	0.89 ug/l	#	26
76) 1,2,3-Trichloropropane	11.118	75	32276	27.66 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32276	75.11 ug/l	#	12
85) sec-Butylbenzene	11.930	105	992	0.28 ug/l		79
89) n-Butylbenzene	12.365	91	1369	0.46 ug/l		92

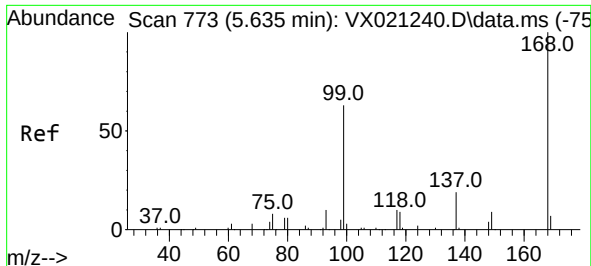
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

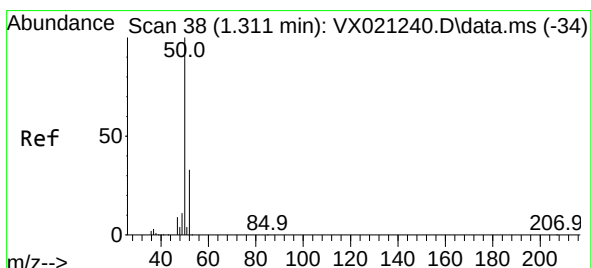
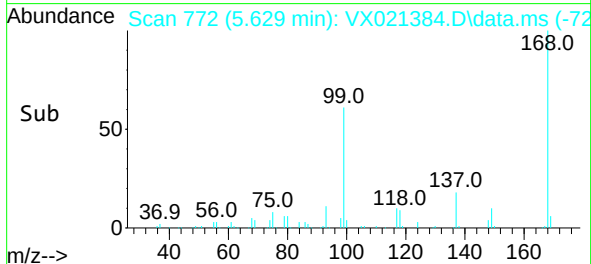
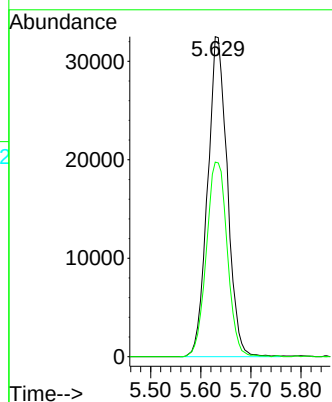
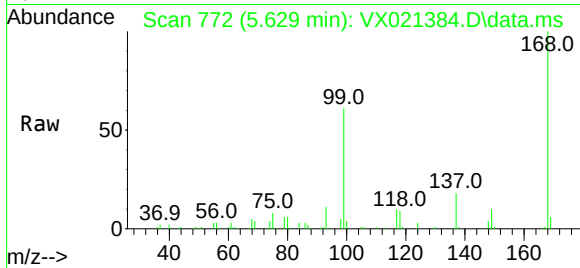




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

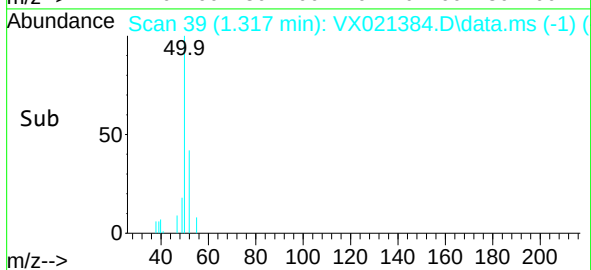
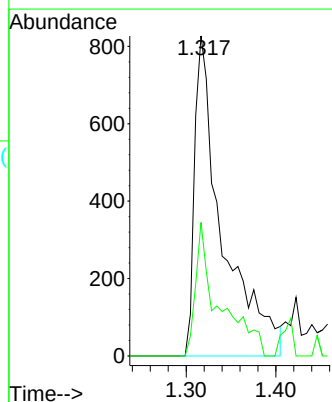
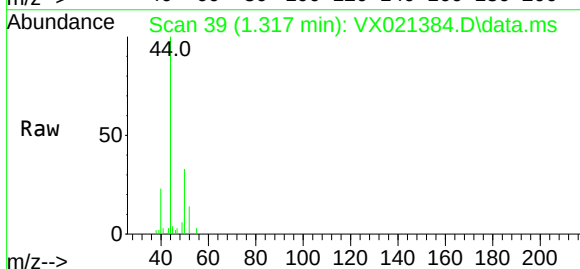
Instrument :
MSVOA_X
ClientSampleId :
IBLK

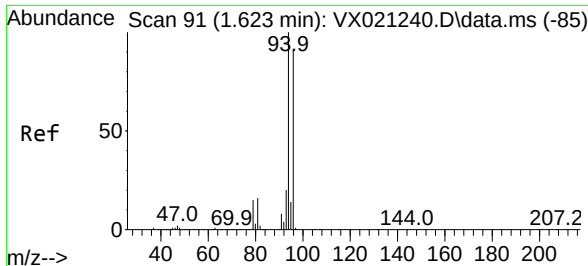
Tgt Ion:168 Resp: 88795
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 50 Resp: 1773
Ion Ratio Lower Upper
50 100
52 41.7 26.4 39.6#

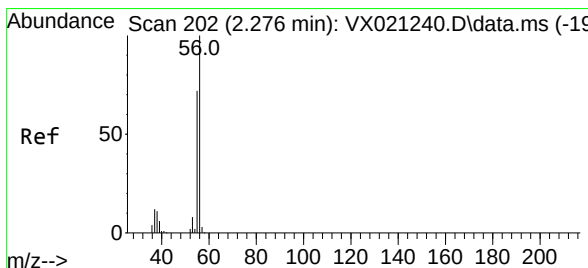
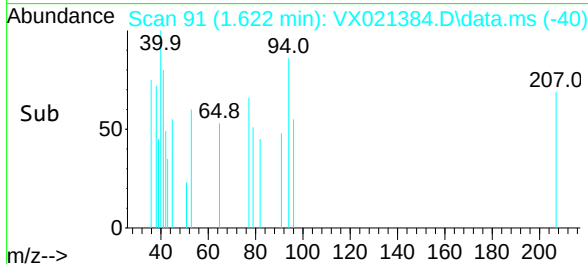
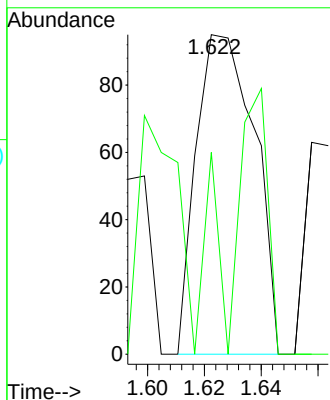
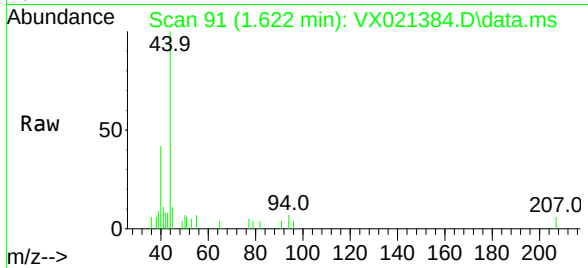




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.622 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

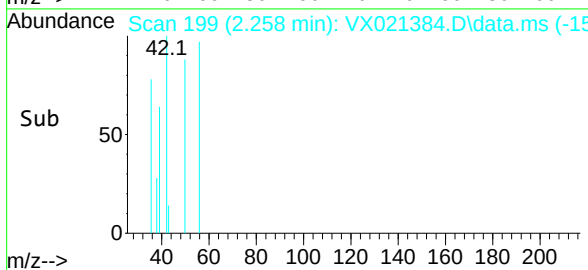
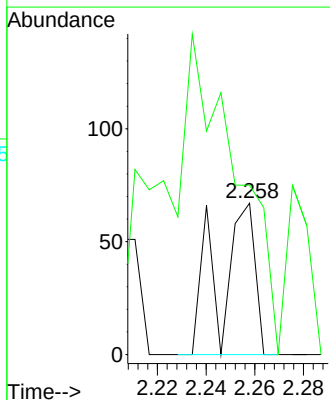
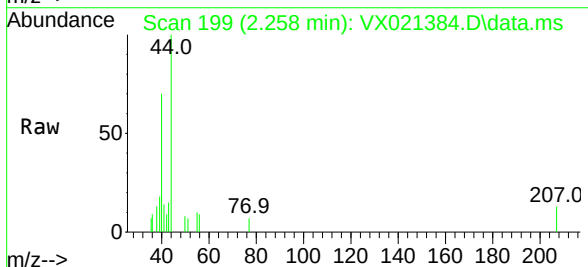
Instrument :
MSVOA_X
ClientSampled :
IBLK

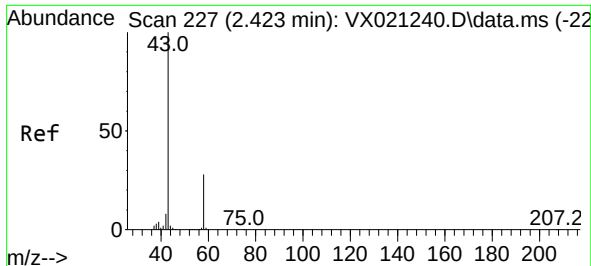
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 63.2 76.4 114.6#



#13
Acrolein
Concen: 3.58 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 70.1 56.4 84.6

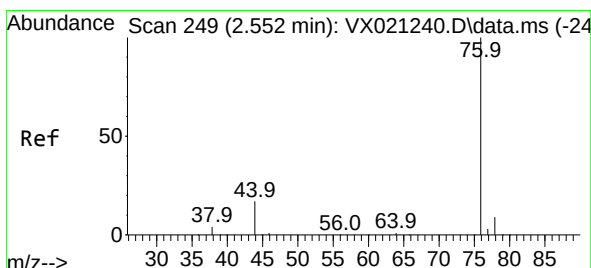
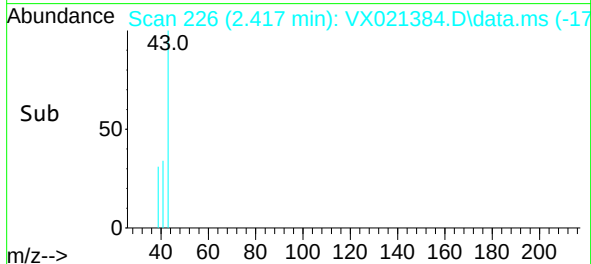
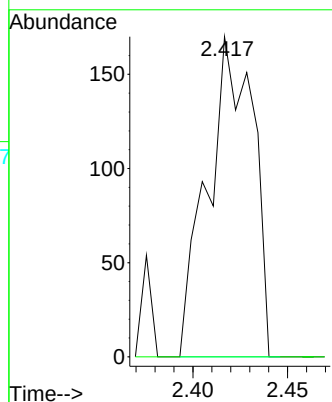
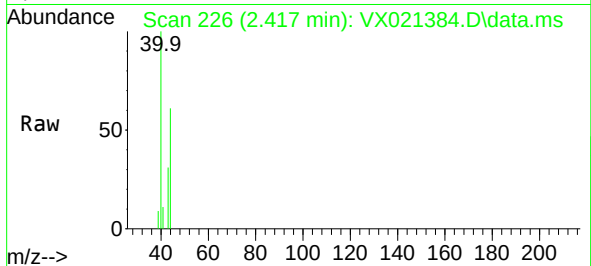




#16
Acetone
Concen: 0.53 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

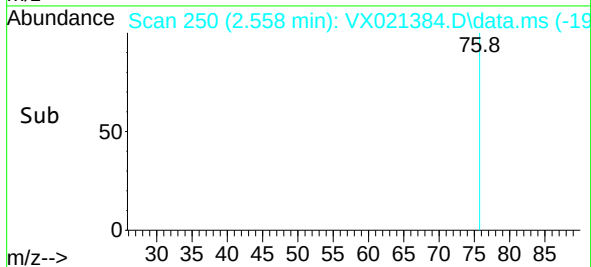
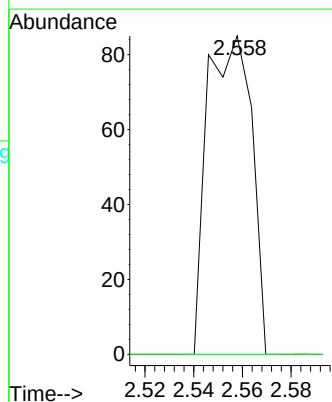
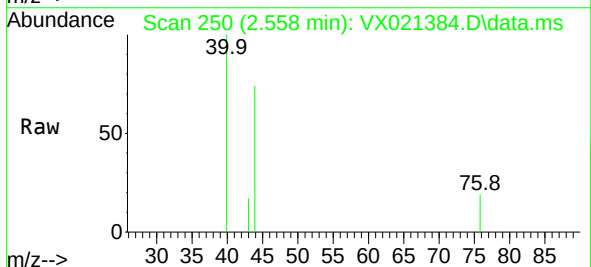
Instrument :
MSVOA_X
ClientSampled :
IBLK

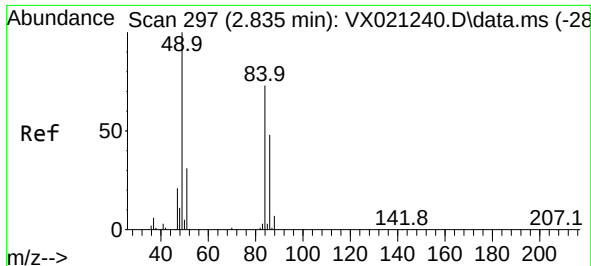
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.58 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

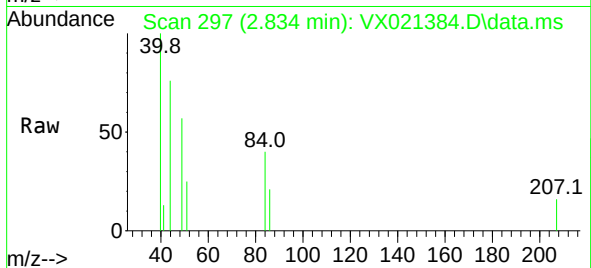
Tgt Ion: 76 Resp: 108
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



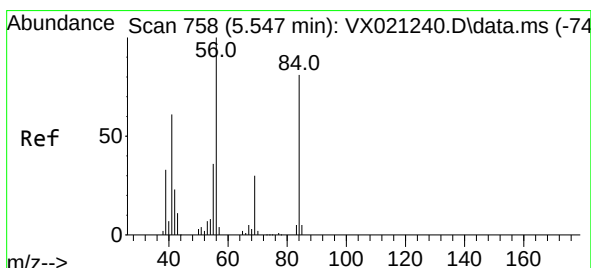
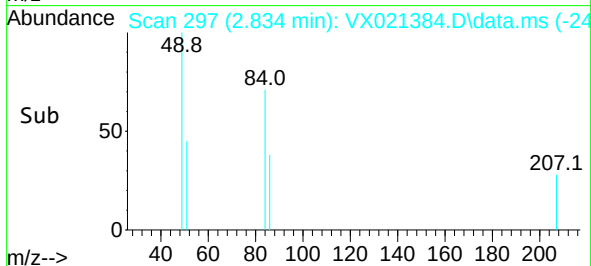
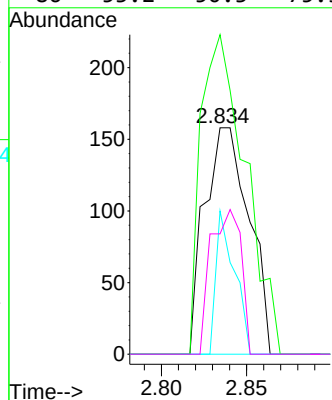


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

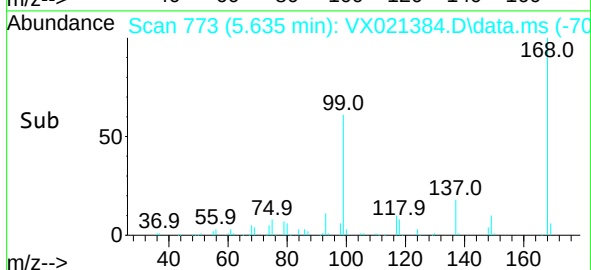
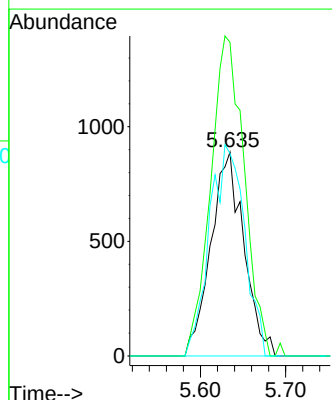
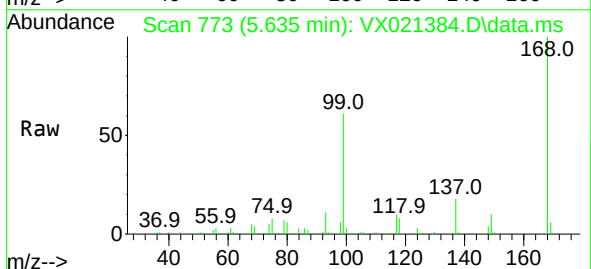


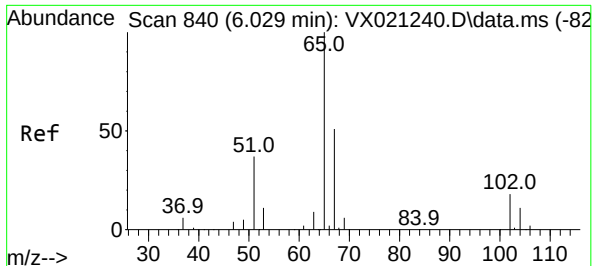
Tgt Ion:	84	Resp:	287
Ion	Ratio	Lower	Upper
84	100		
49	141.1	88.6	132.8#
51	63.3	27.0	40.6#
86	53.2	50.3	75.5



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion:	56	Resp:	2392
Ion	Ratio	Lower	Upper
56	100		
69	154.0	25.3	37.9#
84	99.3	71.4	107.0

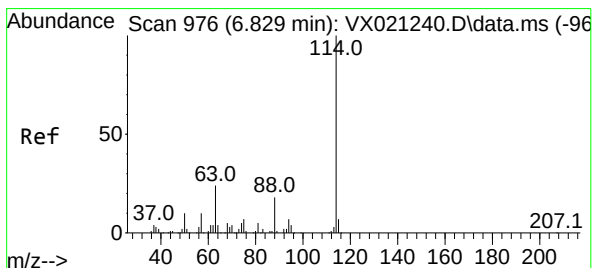
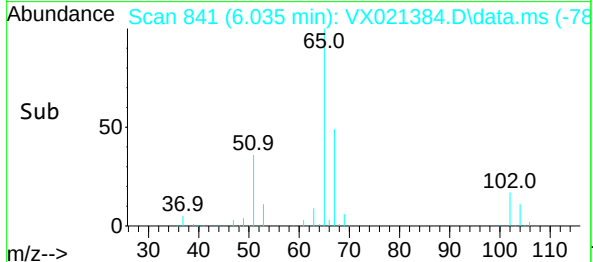
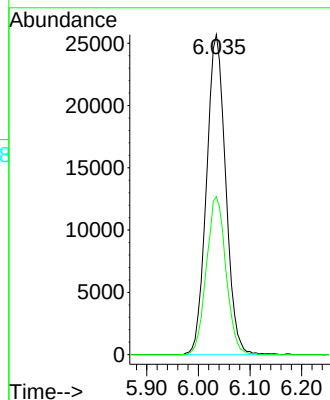
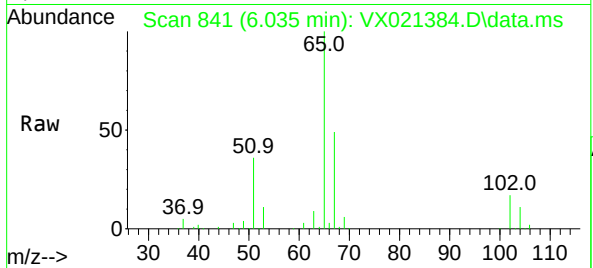




#33
1,2-Dichloroethane-d4
Concen: 45.43 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

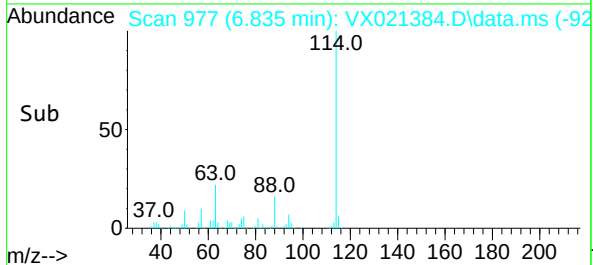
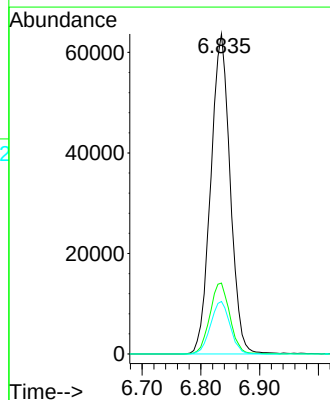
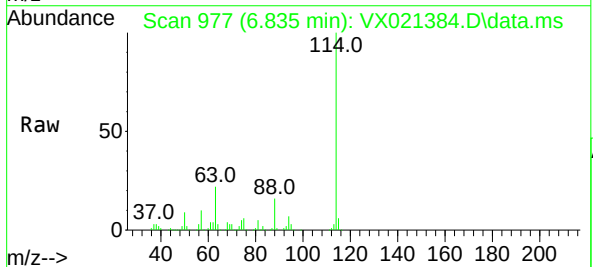
Instrument :
MSVOA_X
ClientSampled :
IBLK

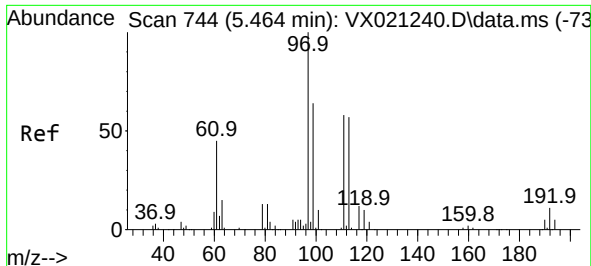
Tgt Ion: 65 Resp: 66169
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 114 Resp: 145839
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.4 0.0 32.8

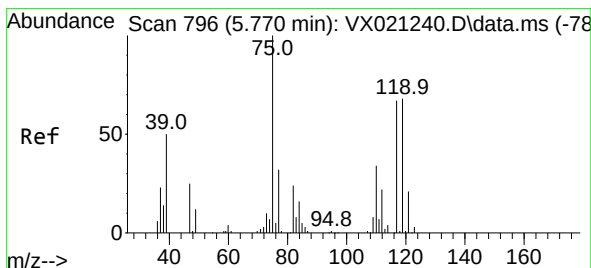
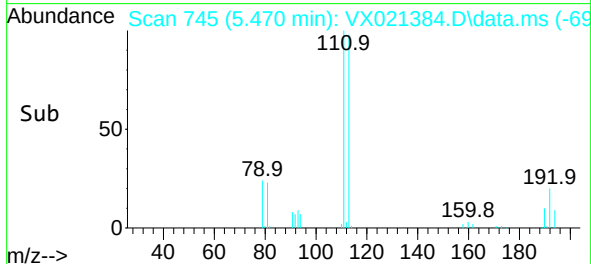
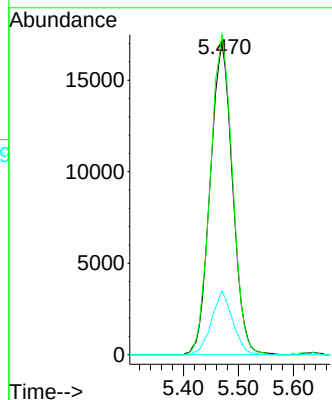
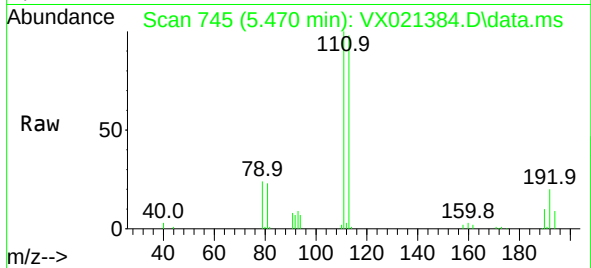




#35
Dibromofluoromethane
Concen: 48.47 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

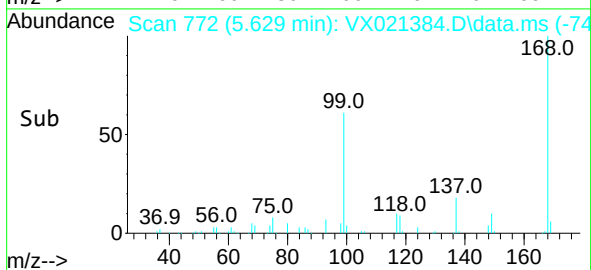
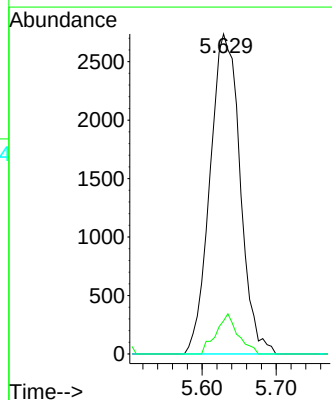
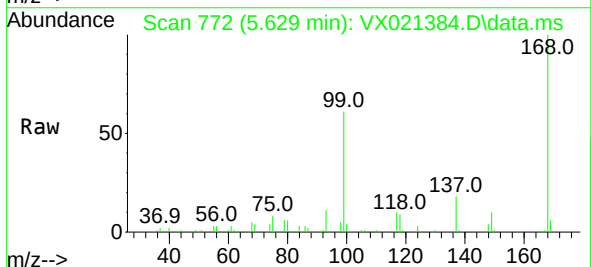
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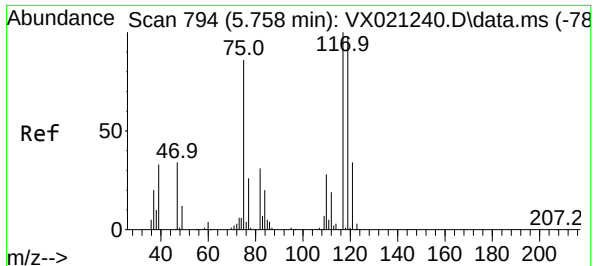
Tgt Ion:113 Resp: 48099
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 75 Resp: 7709
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

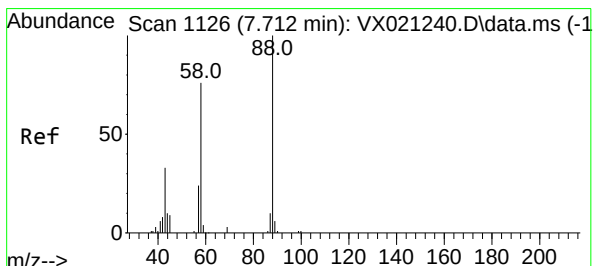
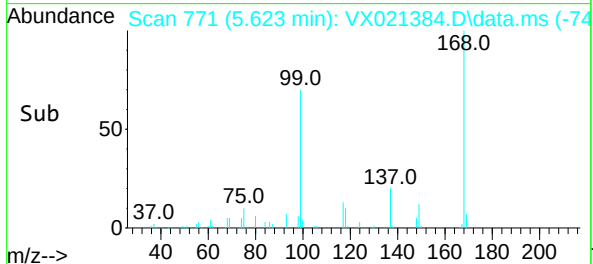
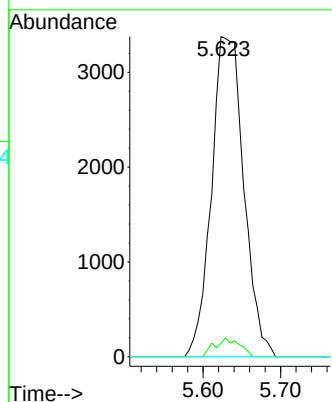
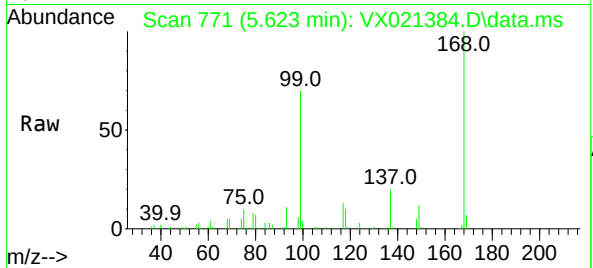




#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

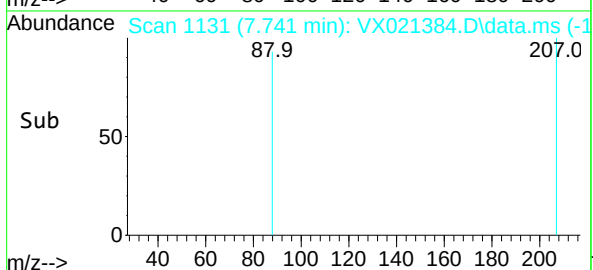
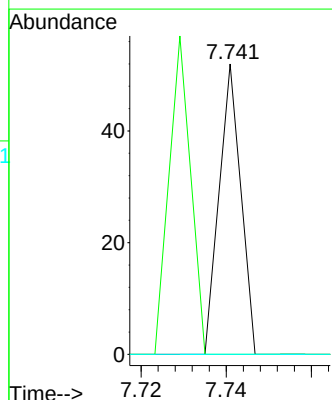
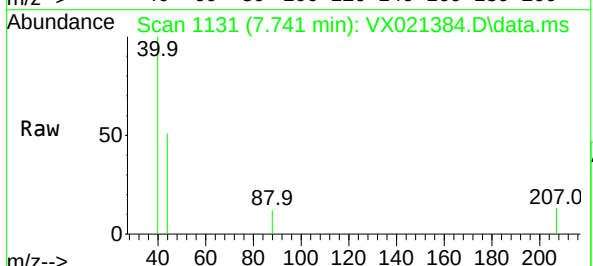
Instrument :
MSVOA_X
ClientSampled :
IBLK

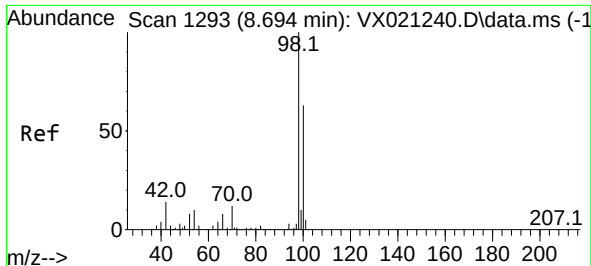
Tgt Ion:117 Resp: 9788
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.741 min Scan# 1131
Delta R.T. 0.029 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 111.1 23.2 34.8#
58 0.0 55.0 82.4#

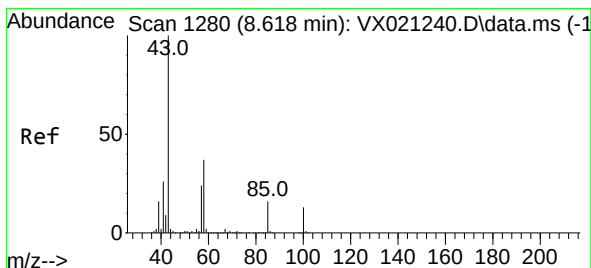
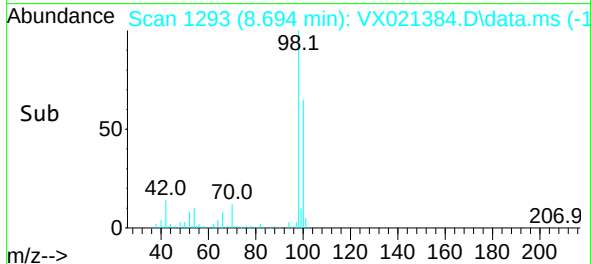
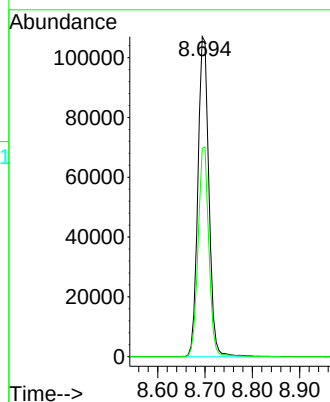
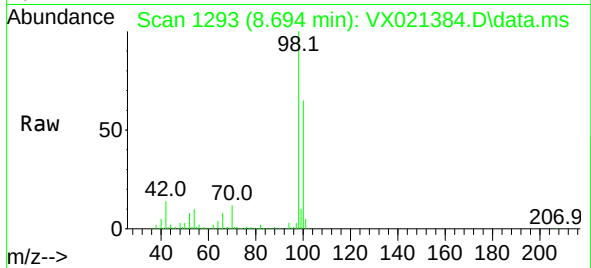




#50
Toluene-d8
Concen: 47.89 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

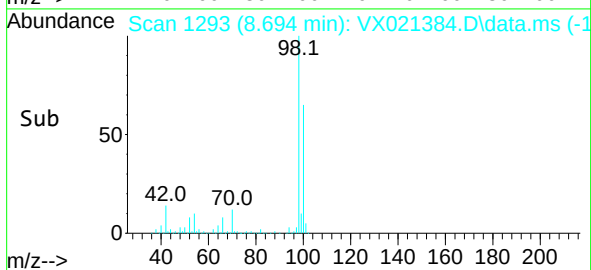
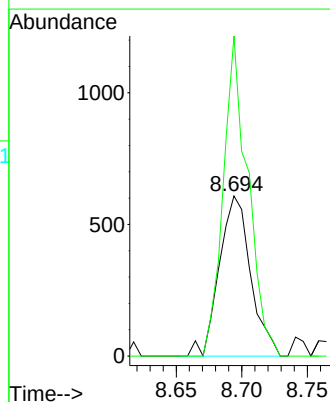
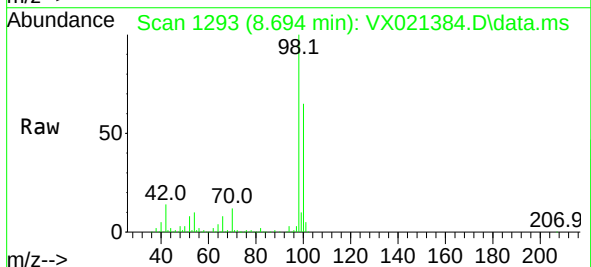
Instrument :
MSVOA_X
ClientSampled :
IBLK

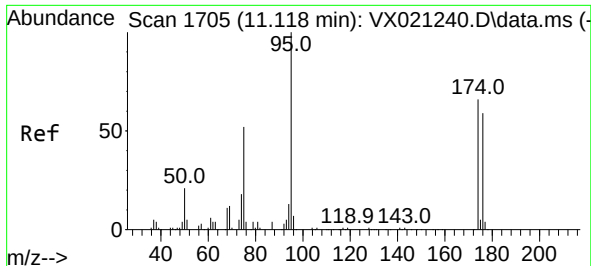
Tgt Ion: 98 Resp: 172434
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 158.1 35.4 53.0#

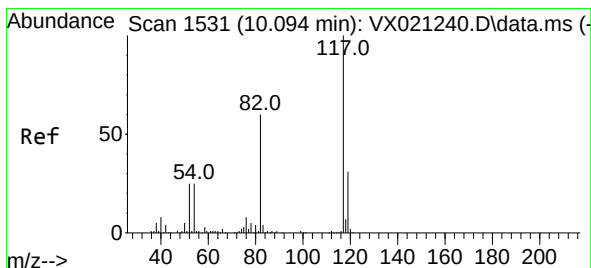
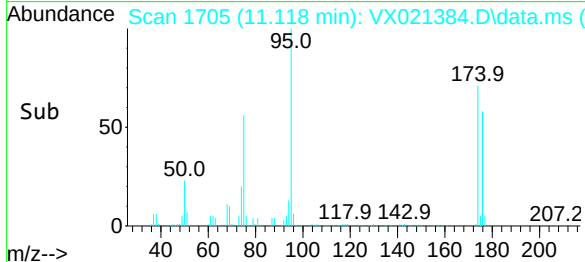
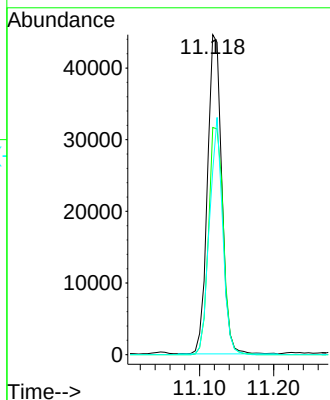
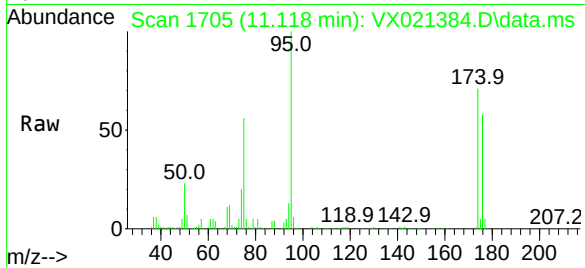




#62
4-Bromofluorobenzene
Concen: 42.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

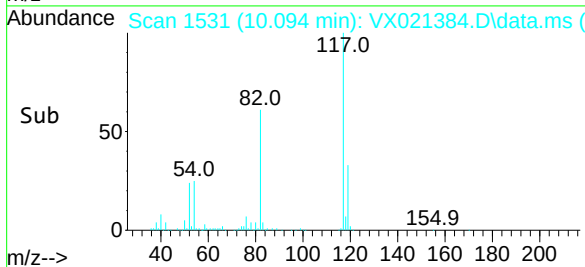
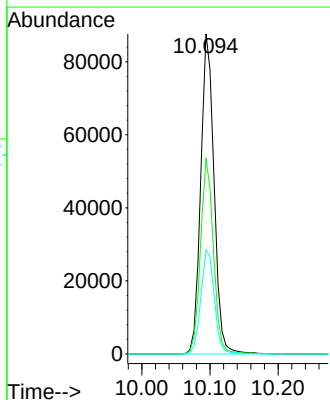
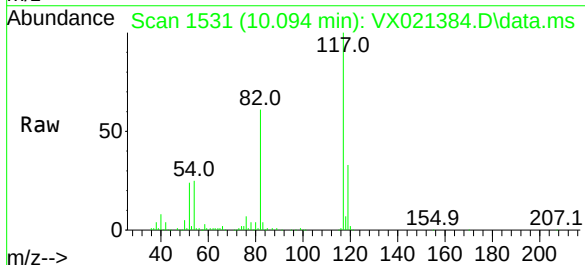
Instrument :
MSVOA_X
ClientSampleId :
IBLK

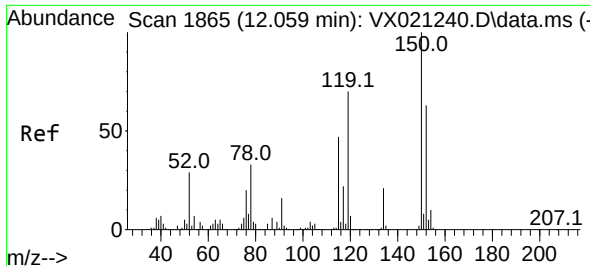
Tgt Ion:	95	Resp:	59572
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	154.6
176	68.3	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion:	117	Resp:	119286
Ion Ratio	Lower	Upper	
117	100		
82	60.9	47.4	71.2
119	32.5	26.6	39.8

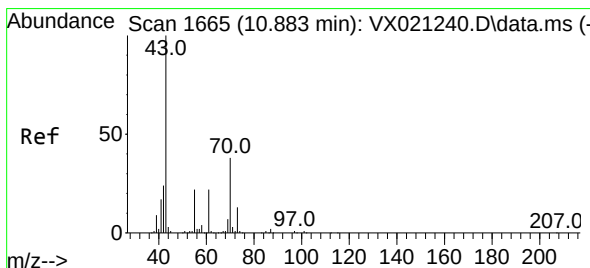
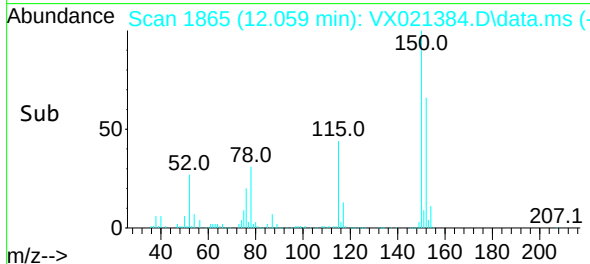
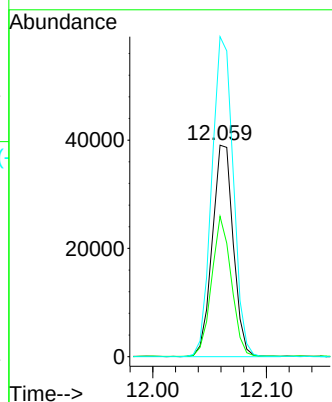
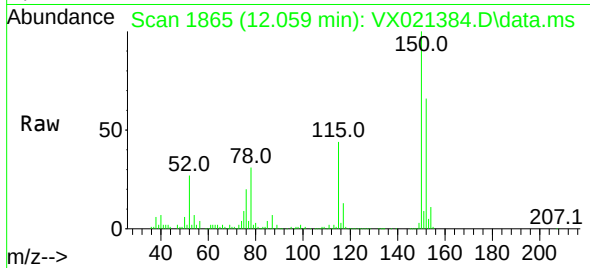




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

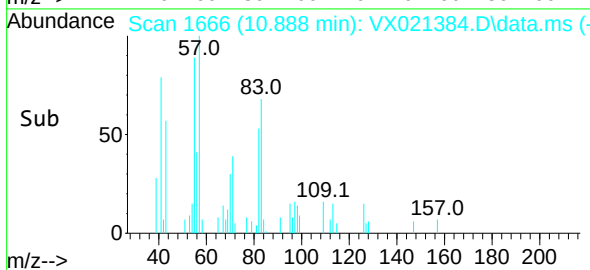
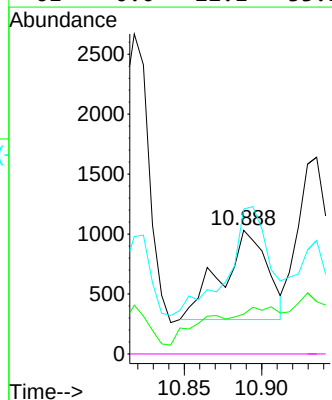
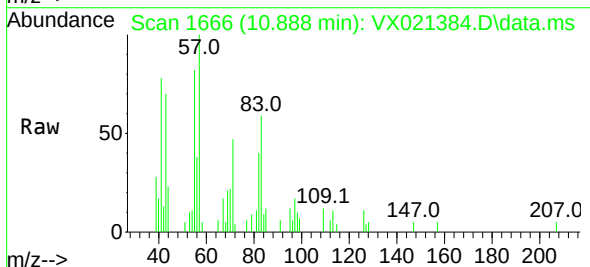
Instrument :
MSVOA_X
ClientSampled :
IBLK

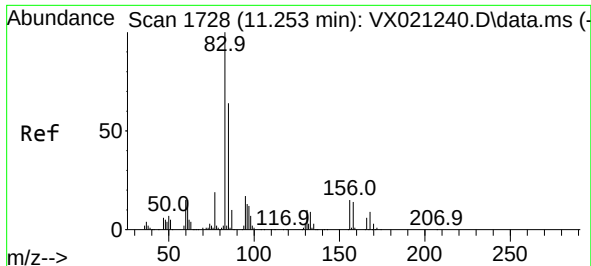
Tgt Ion:152 Resp: 50294
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 154.1 0.0 349.0



#74
N-ethyl acetate
Concen: 0.80 ug/l
RT: 10.888 min Scan# 1666
Delta R.T. 0.005 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
70 33.2 39.0 58.6#
55 131.3 21.5 32.3#
61 0.0 22.1 33.1#

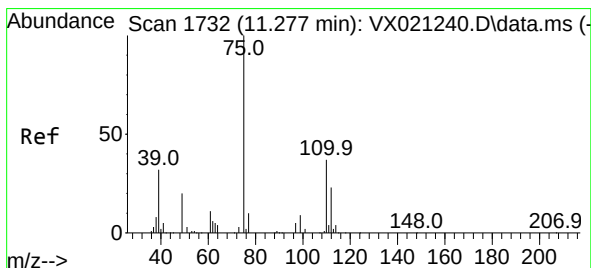
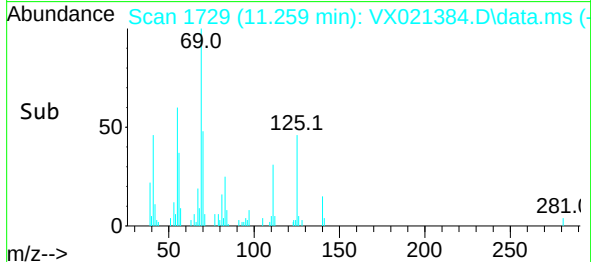
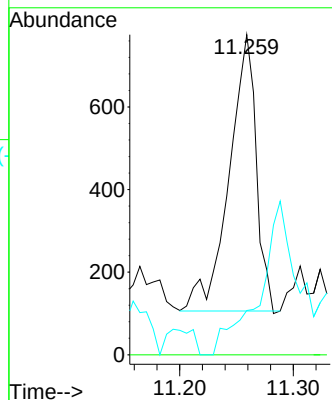
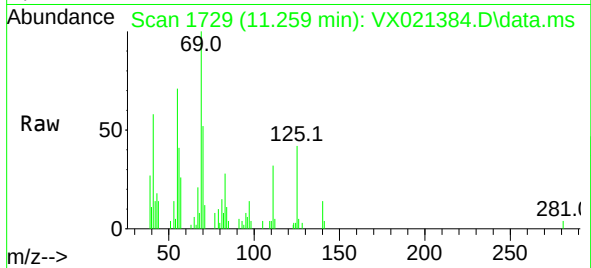




#75
1,1,2,2-Tetrachloroethane
Concen: 0.89 ug/l
RT: 11.259 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

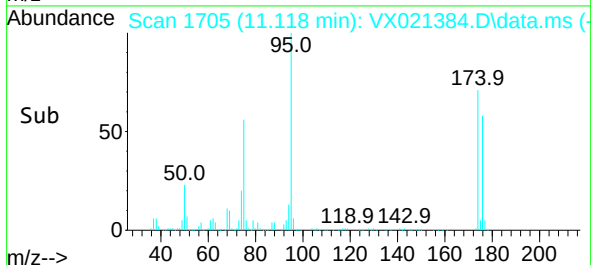
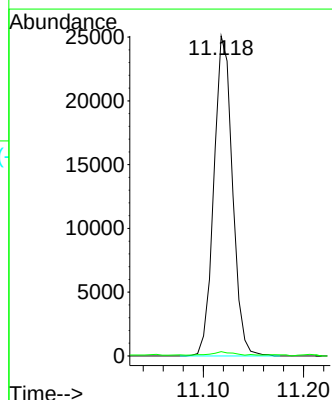
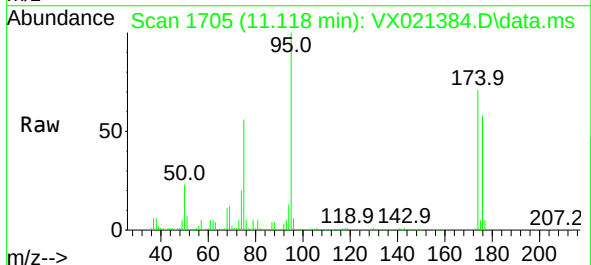
Instrument :
MSVOA_X
ClientSampled :
IBLK

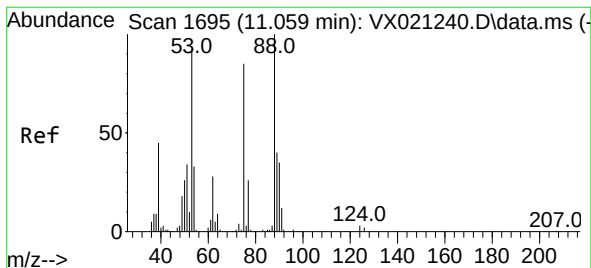
Tgt Ion: 83 Resp: 1107
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 0.0 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 27.66 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

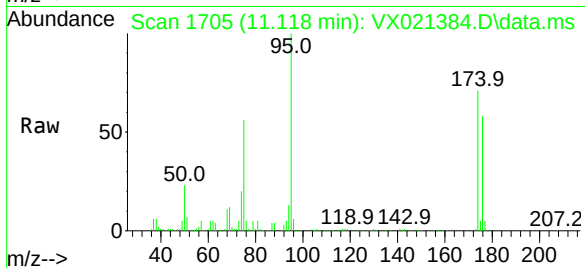
Tgt Ion: 75 Resp: 32276
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



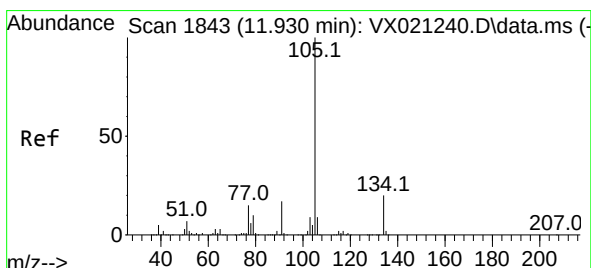
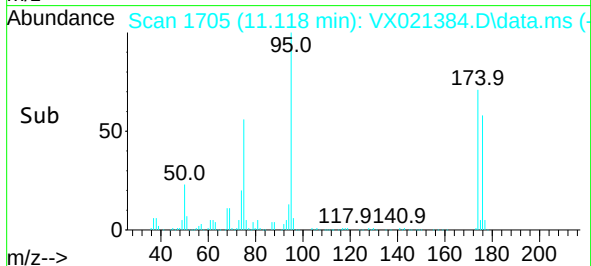
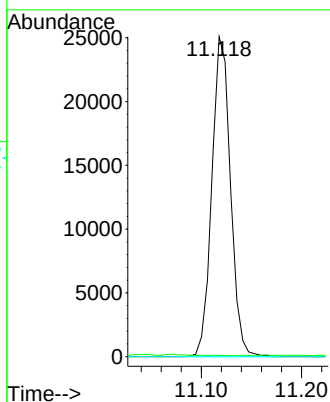


#81
trans-1,4-Dichloro-2-butene
Concen: 75.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Instrument :
MSVOA_X
ClientSampled :
IBLK

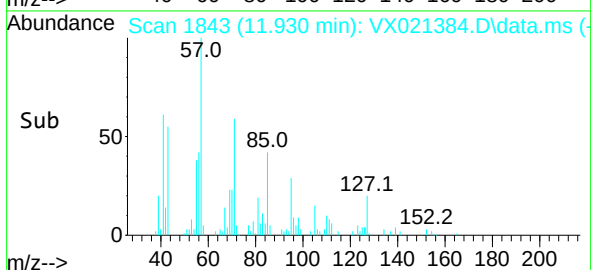
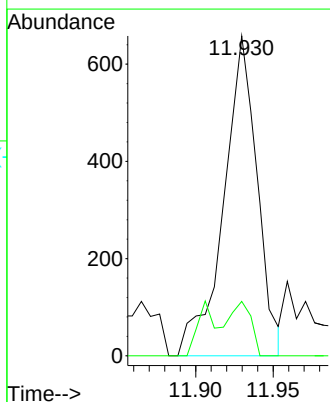
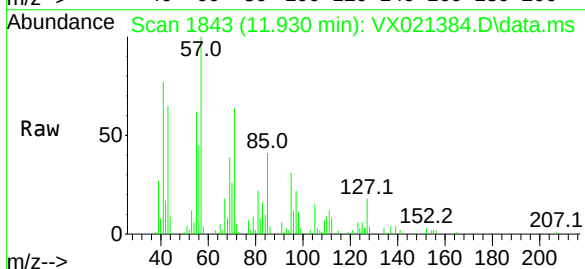


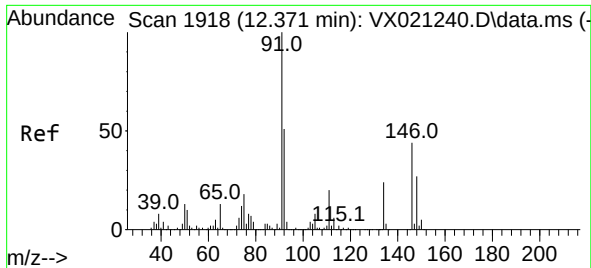
Tgt Ion: 75 Resp: 32276
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#85
sec-Butylbenzene
Concen: 0.28 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021384.D
Acq: 23 Mar 2021 14:46

Tgt Ion: 105 Resp: 992
Ion Ratio Lower Upper
105 100
134 10.1 10.0 29.8





#89

n-Butylbenzene

Concen: 0.46 ug/l

RT: 12.365 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VX021384.D

Acq: 23 Mar 2021 14:46

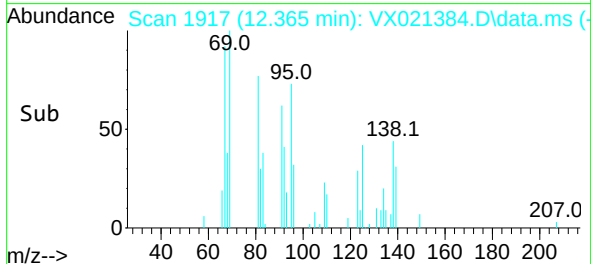
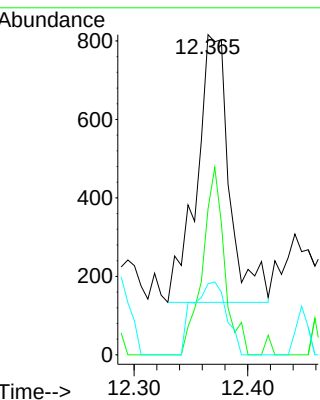
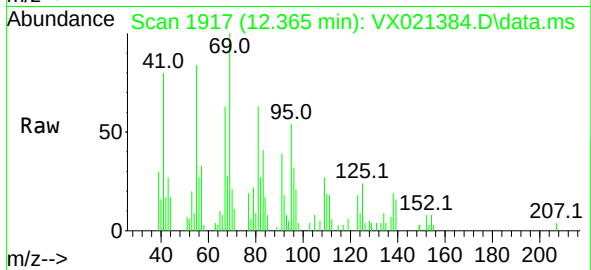
Tgt Ion: 91 Resp: 1369

Ion Ratio Lower Upper

91 100

92 47.0 27.4 82.0

134 28.0 13.2 39.5



Instrument :
MSVOA_X
ClientSampleId :
IBLK