

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021204.D
 Acq On : 15 Mar 2021 17:00
 Operator : JC/MD
 Sample : M1596-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-388.9-20210305

Quant Time: Mar 16 03:03:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

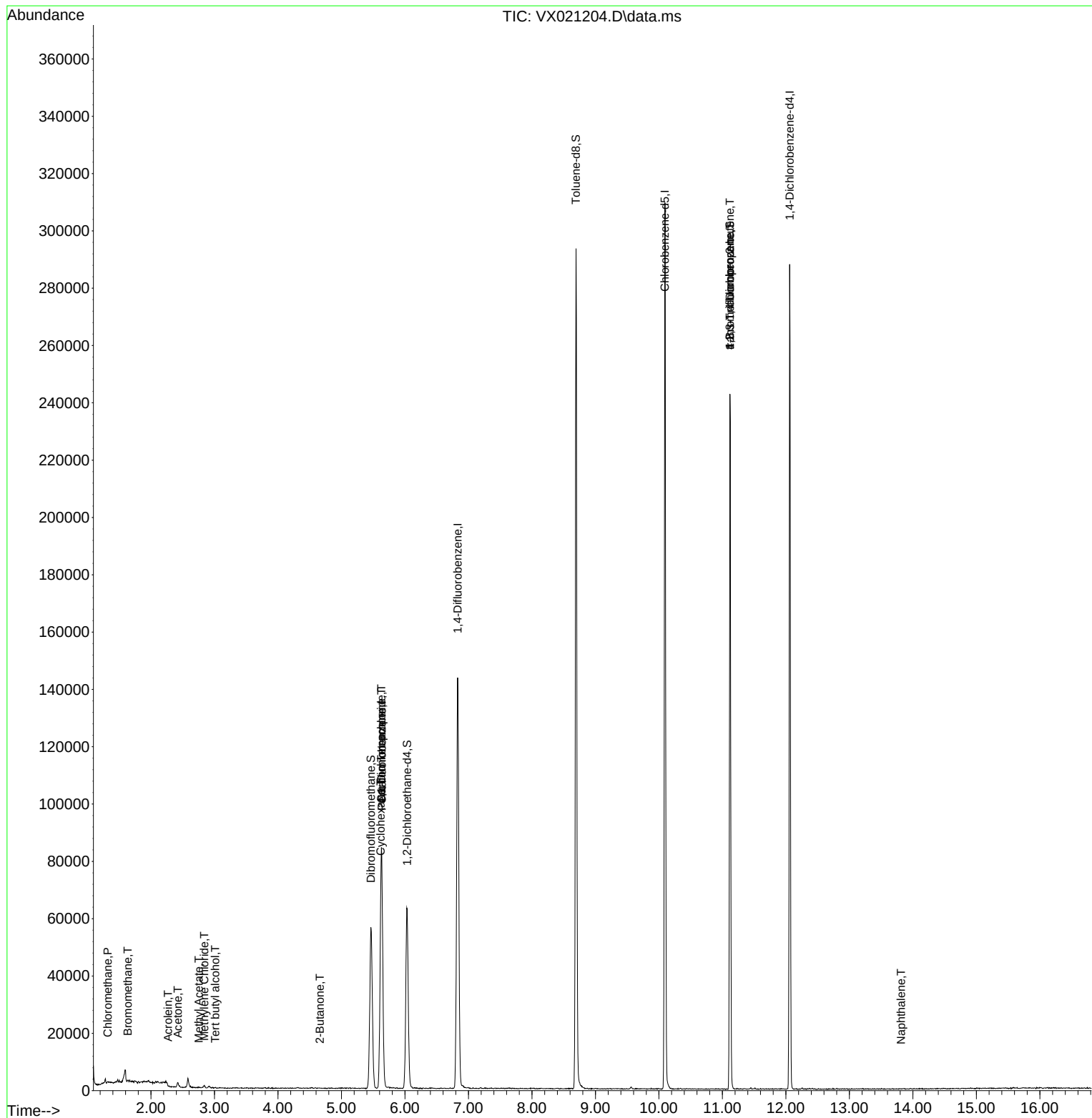
Internal Standards						
1) Pentafluorobenzene	5.635	168	71282	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	132283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	62730	51.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.22%			
35) Dibromofluoromethane	5.464	113	45952	50.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.98%			
50) Toluene-d8	8.694	98	165636	50.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.32%			
62) 4-Bromofluorobenzene	11.118	95	63752	51.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.34%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	227	0.25	ug/l #	88
5) Bromomethane	1.634	94	265	0.51	ug/l #	65
11) Tert butyl alcohol	3.011	59	79	0.37	ug/l #	73
13) Acrolein	2.270	56	56	0.43	ug/l #	62
16) Acetone	2.423	43	2016	4.13	ug/l #	78
18) Methyl Acetate	2.752	43	352	0.30	ug/l #	47
20) Methylene Chloride	2.840	84	223	0.24	ug/l #	78
25) 2-Butanone	4.658	43	283	0.40	ug/l #	45
31) Cyclohexane	5.617	56	2123	1.38	ug/l #	53
36) 1,1-Dichloropropene	5.629	75	6979	5.03	ug/l #	50
38) Carbon Tetrachloride	5.629	117	8176	5.37	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	36331	27.95	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	36331	79.34	ug/l #	12
95) Naphthalene	13.812	128	38	1.47	ug/l #	69

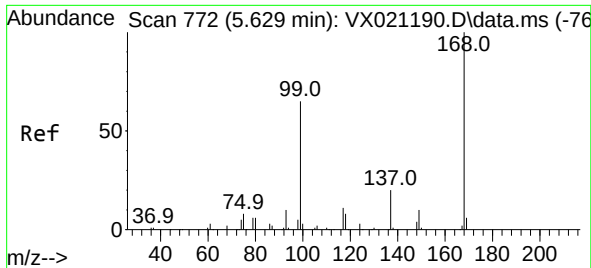
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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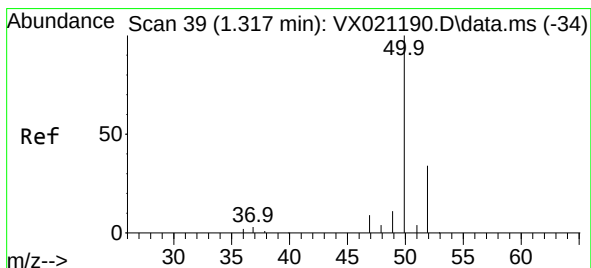
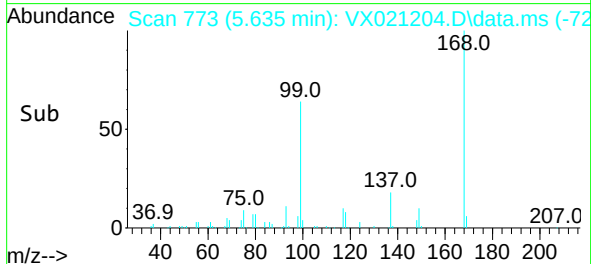
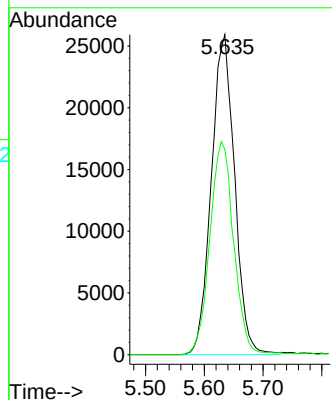
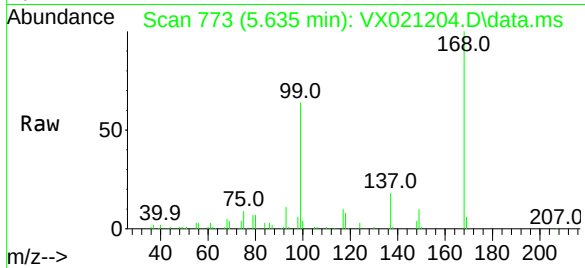




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

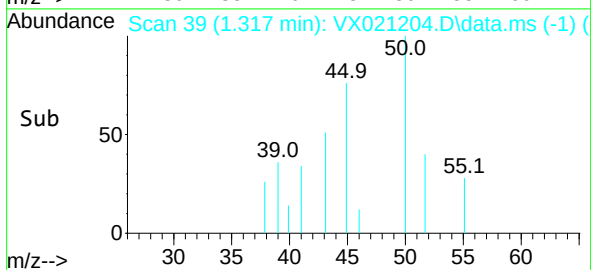
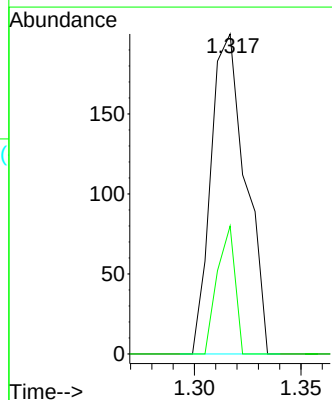
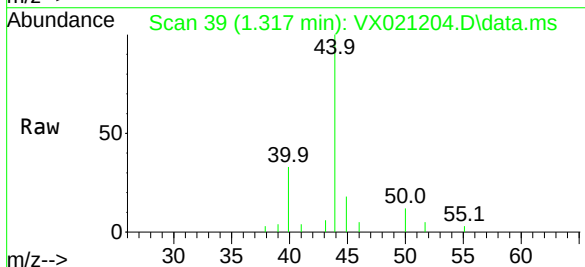
Instrument :
MSVOA_X
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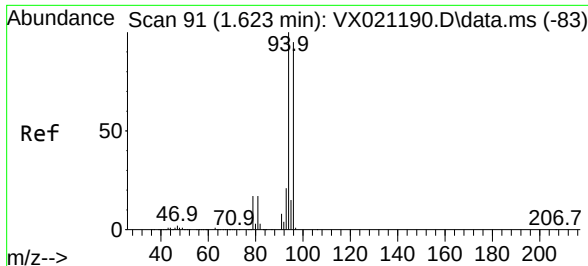
Tgt Ion:168 Resp: 71282
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 40.0 26.4 39.6#

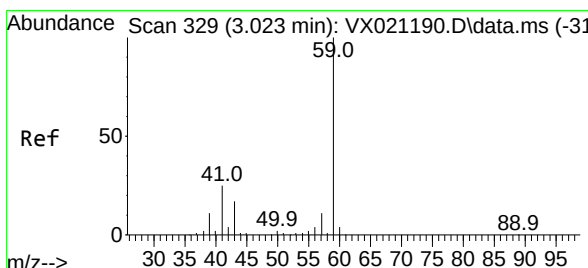
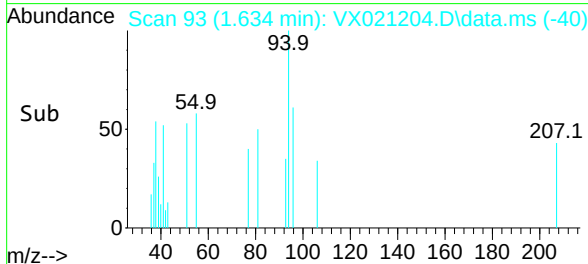
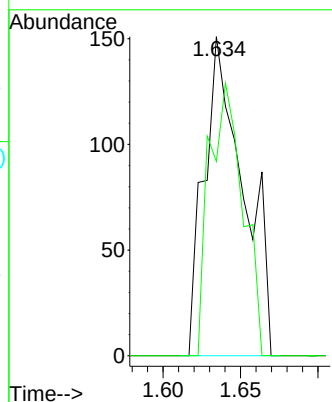
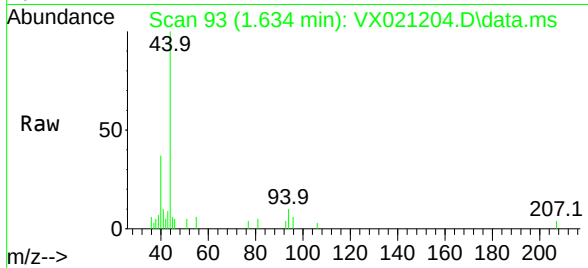




#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

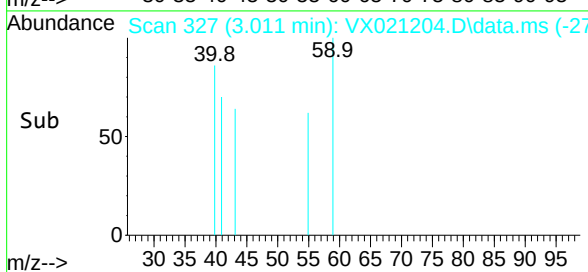
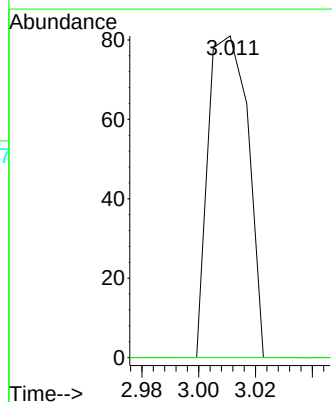
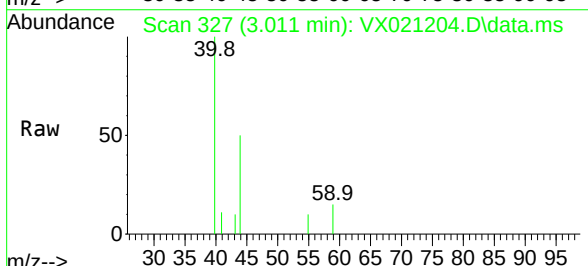
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

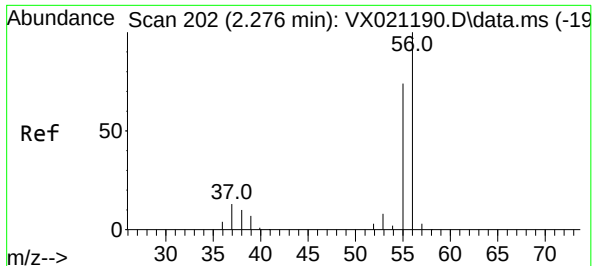
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 60.9 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

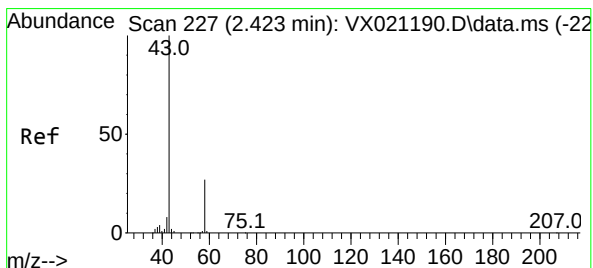
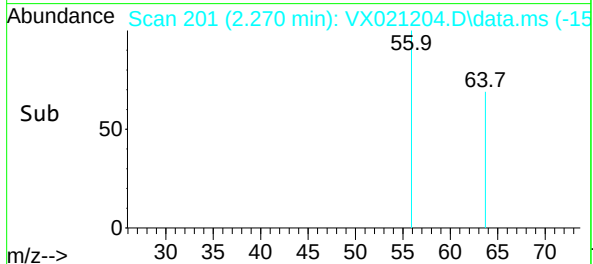
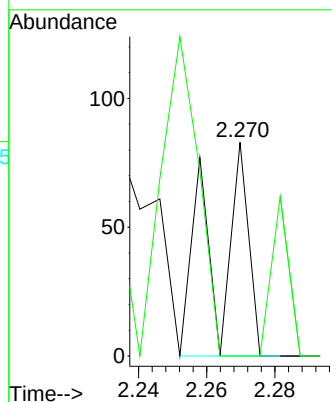
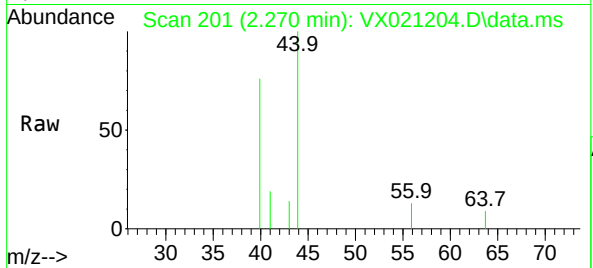




#13
Acrolein
Concen: 0.43 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

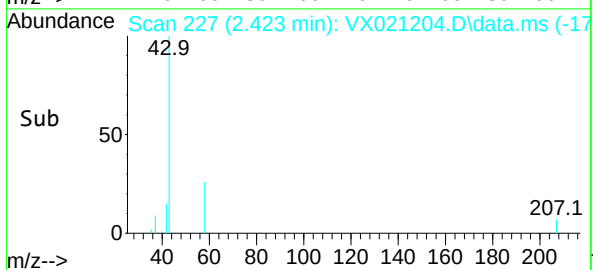
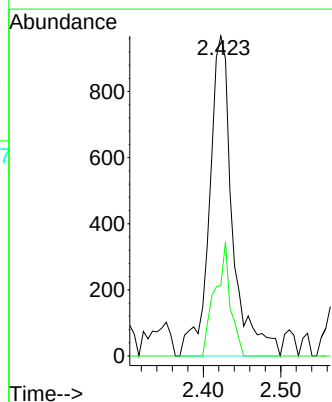
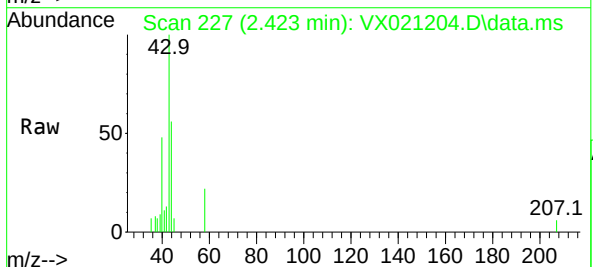
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

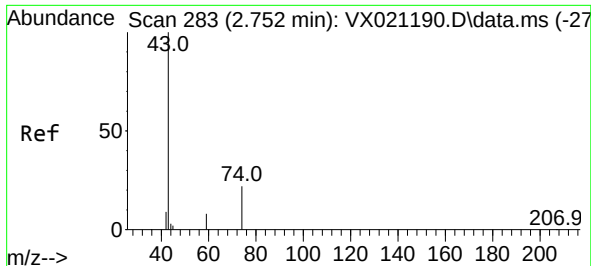
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 39.3 56.4 84.6#



#16
Acetone
Concen: 4.13 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#

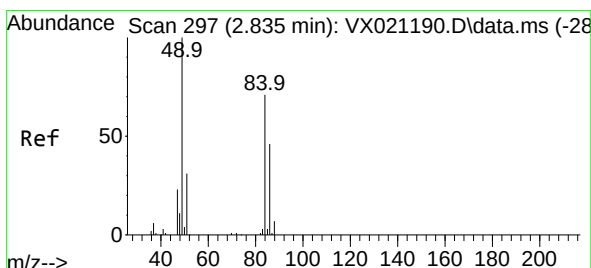
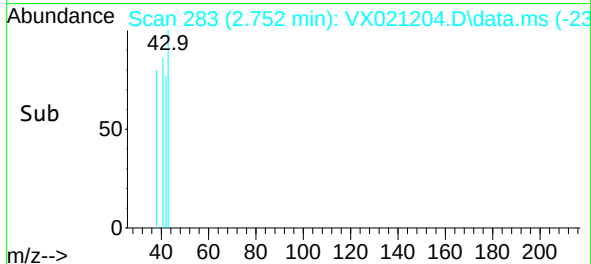
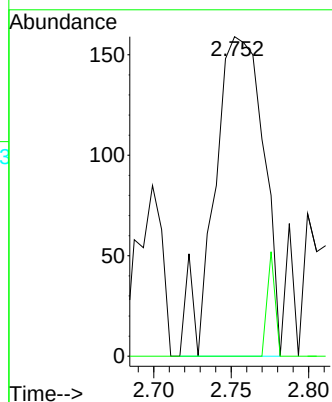
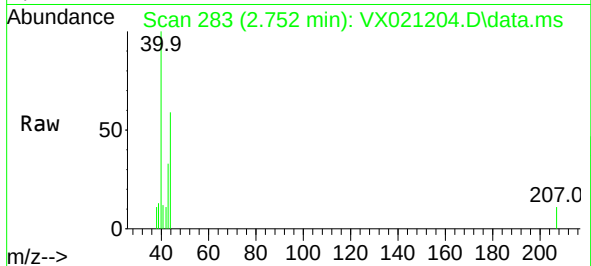




#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

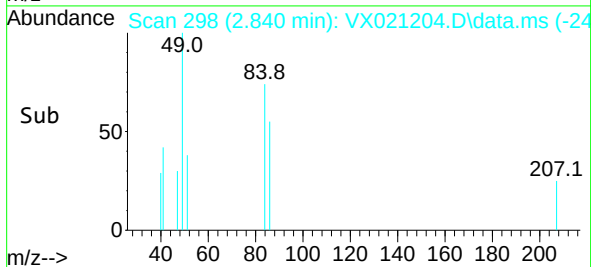
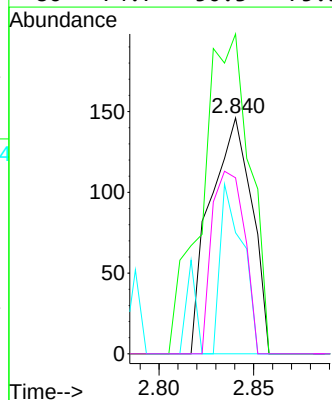
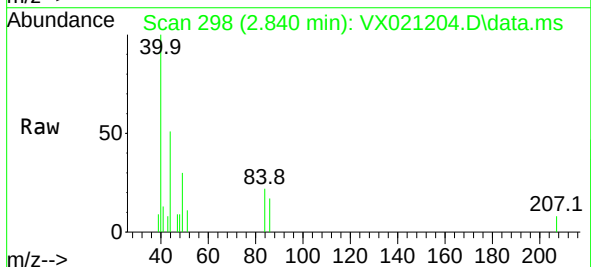
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

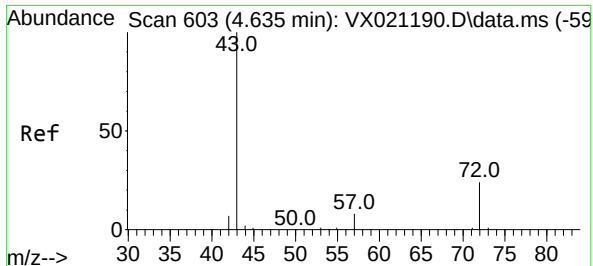
Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 84 Resp: 223
Ion Ratio Lower Upper
84 100
49 135.6 88.6 132.8#
51 51.4 27.0 40.6#
86 74.7 50.3 75.5

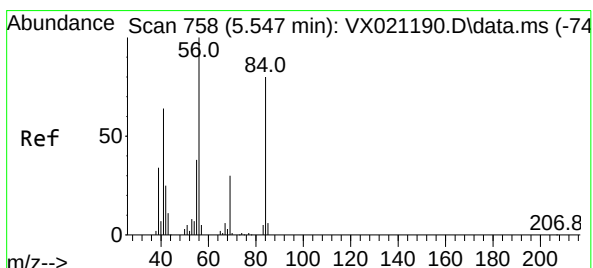
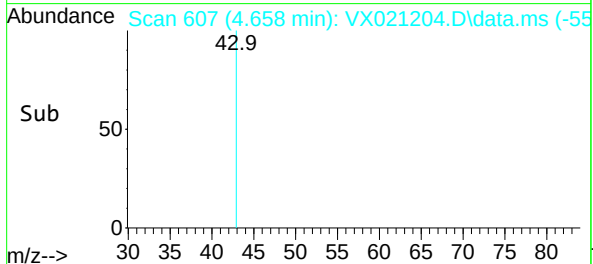
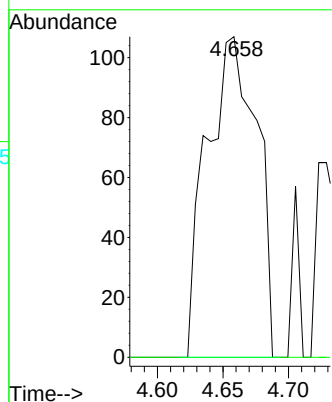
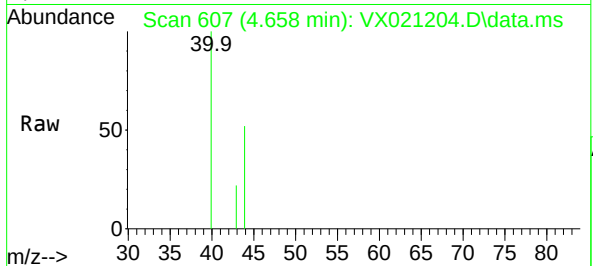




#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.024 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

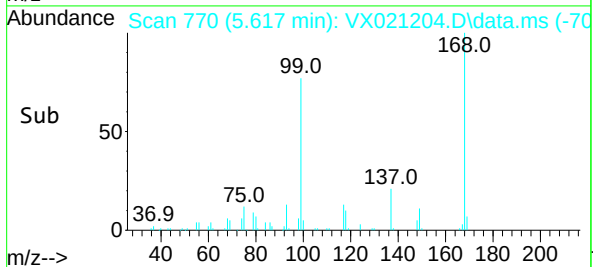
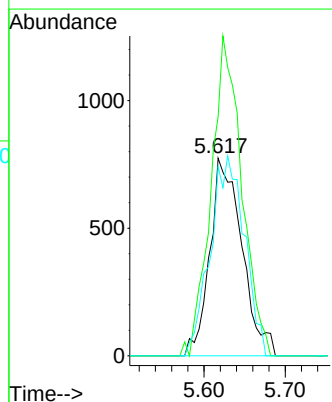
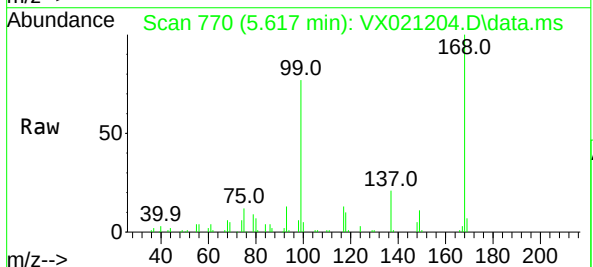
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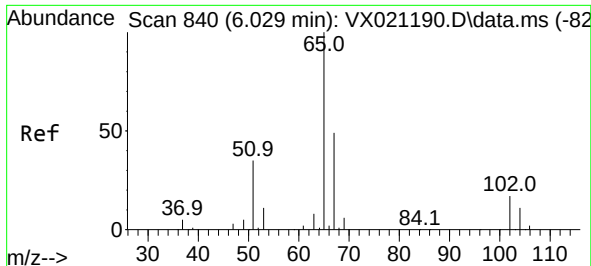
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.071 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 56 Resp: 2123
Ion Ratio Lower Upper
56 100
69 120.9 25.3 37.9#
84 95.7 71.4 107.0

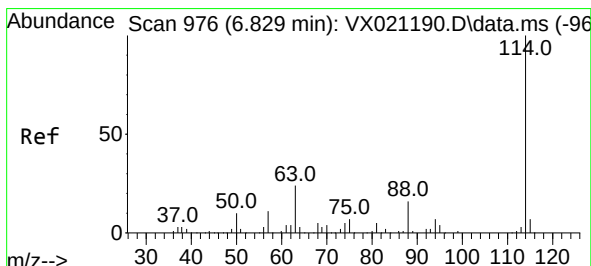
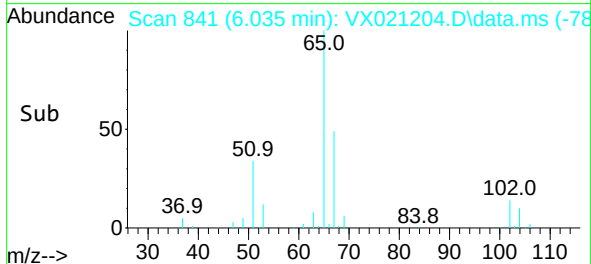
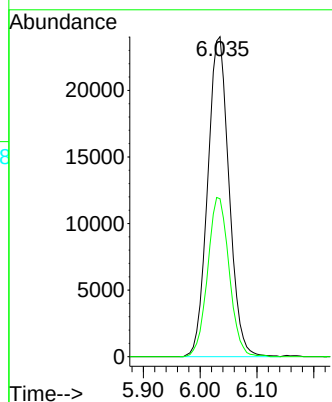
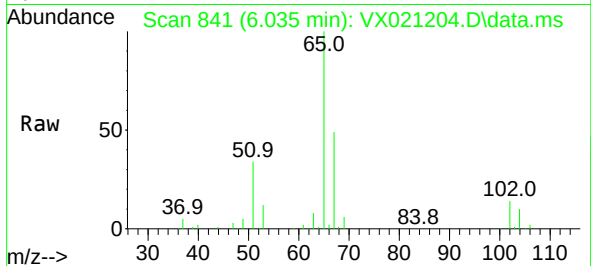




#33
1,2-Dichloroethane-d4
Concen: 51.61 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

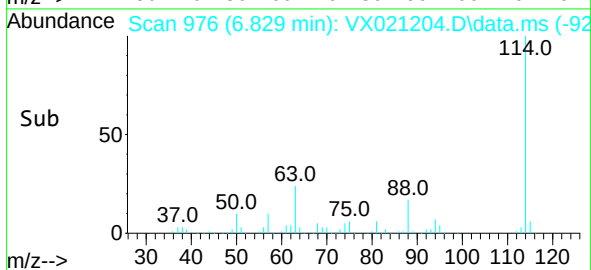
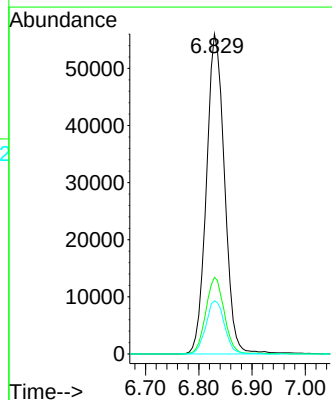
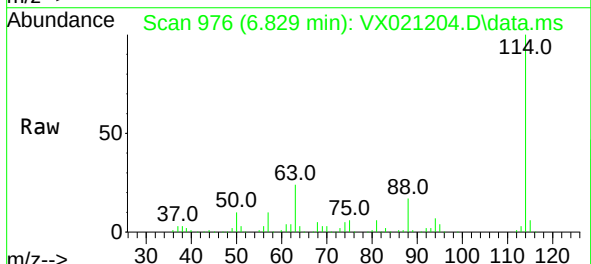
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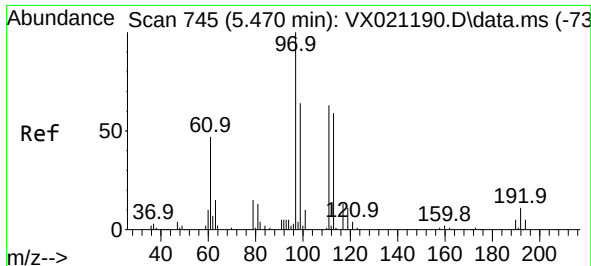
Tgt Ion: 65 Resp: 62730
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 114 Resp: 132283
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.49 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021204.D

Acq: 15 Mar 2021 17:00

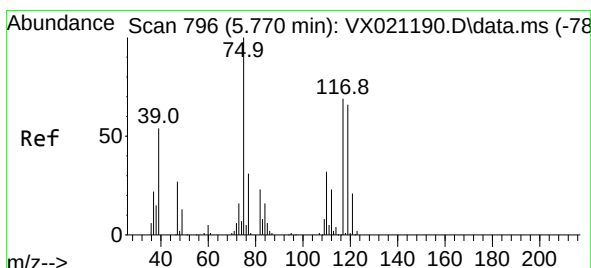
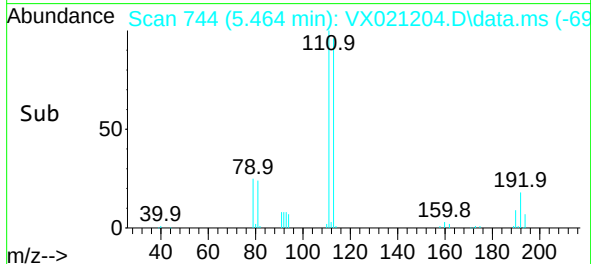
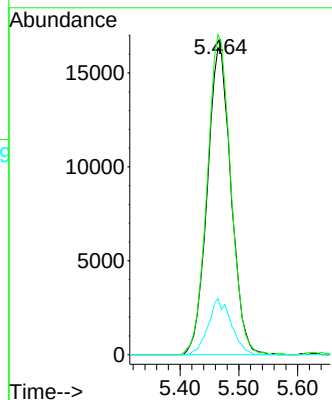
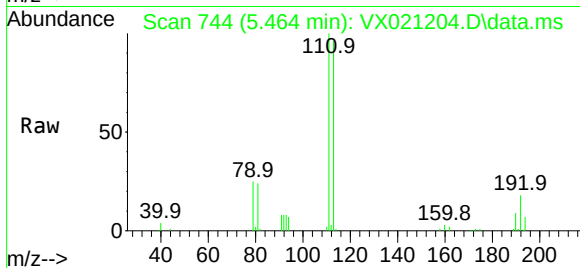
Tgt Ion:	113	Resp:	45952
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	17.6	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

MH-388.9-20210305



#36

1,1-Dichloropropene

Concen: 5.03 ug/l

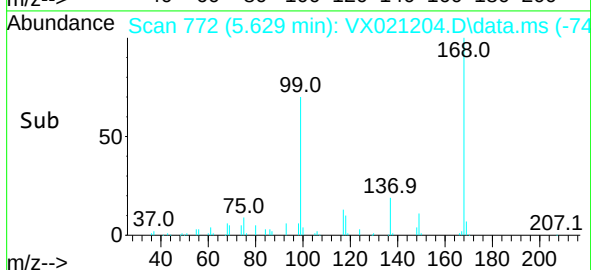
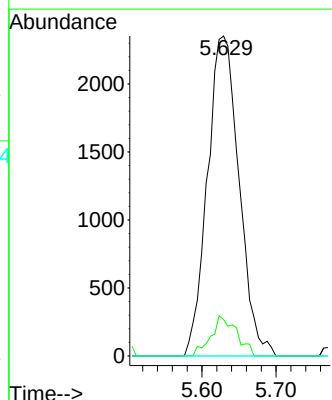
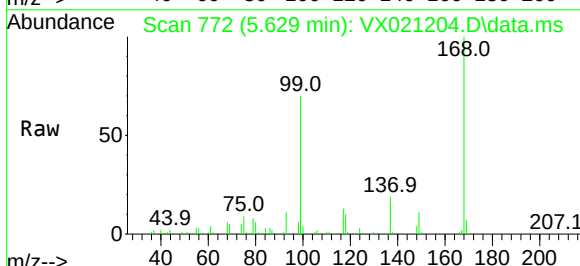
RT: 5.629 min Scan# 772

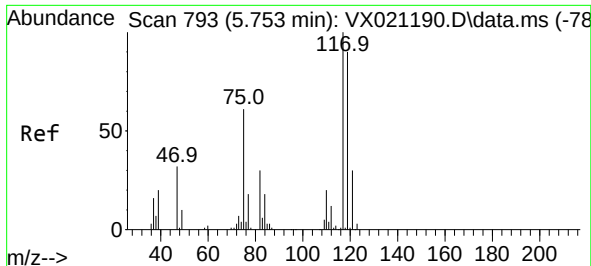
Delta R.T. -0.141 min

Lab File: VX021204.D

Acq: 15 Mar 2021 17:00

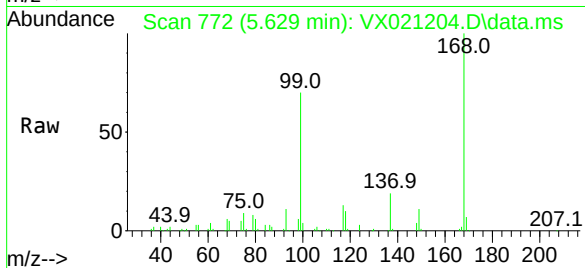
Tgt Ion:	75	Resp:	6979
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



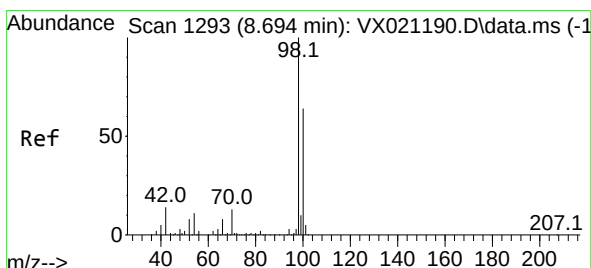
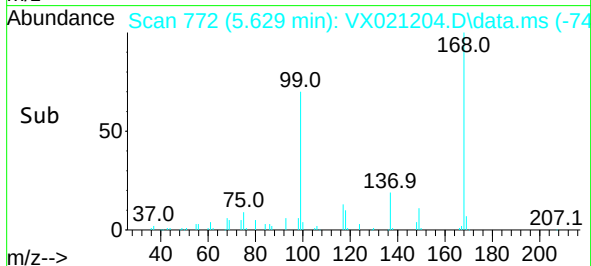
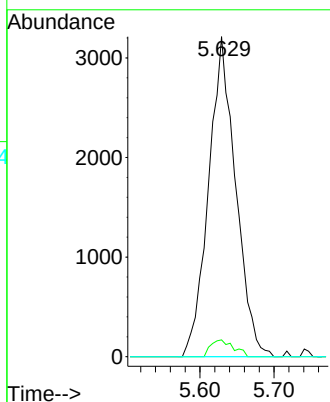


#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

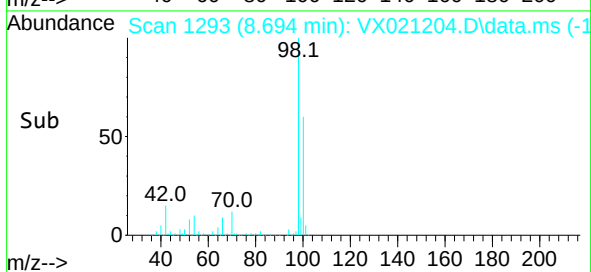
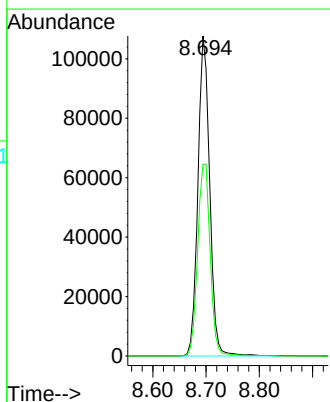
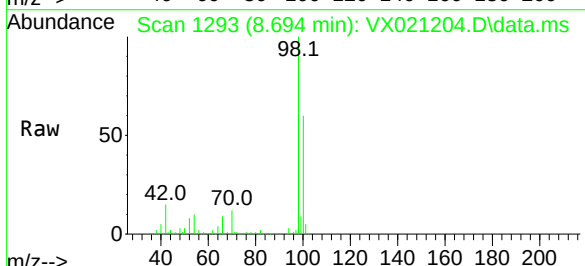


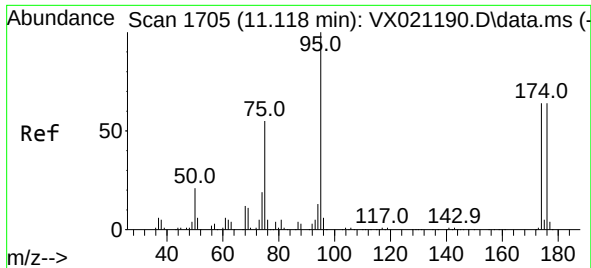
Tgt Ion:117 Resp: 8176
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 98 Resp: 165636
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

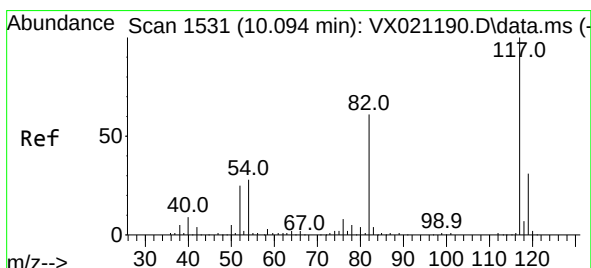
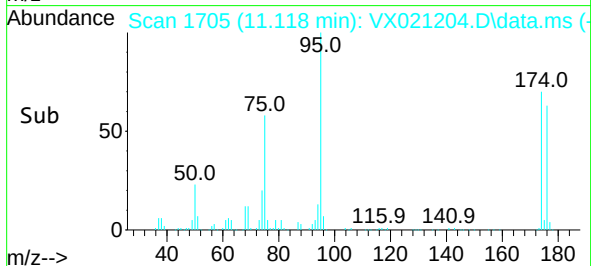
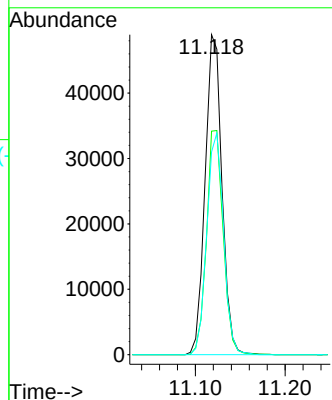
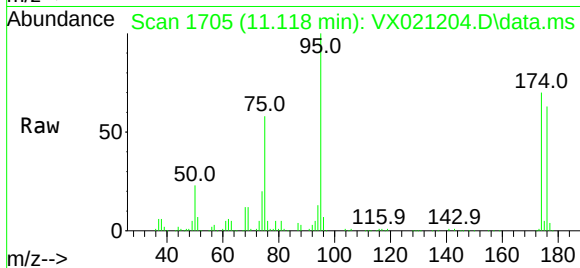




#62
4-Bromofluorobenzene
Concen: 51.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

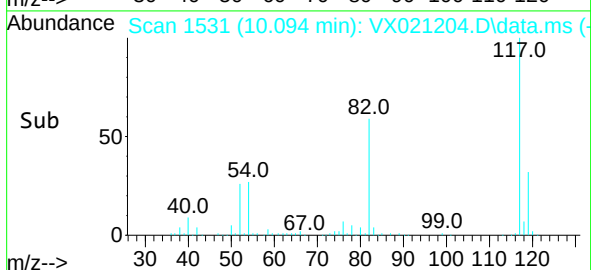
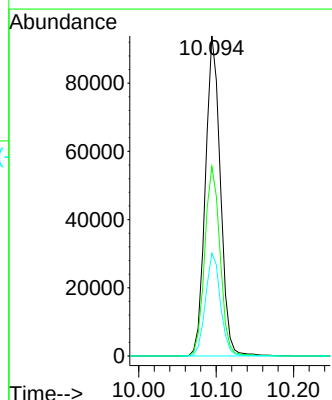
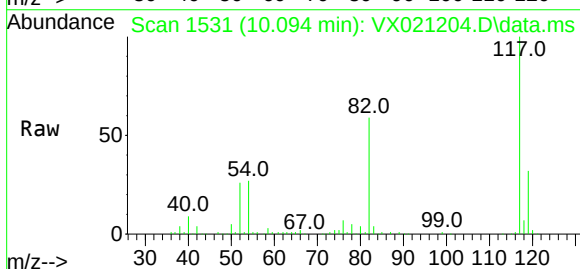
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

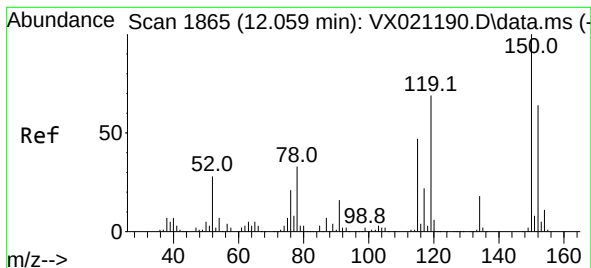
Tgt Ion: 95 Resp: 63752
Ion Ratio Lower Upper
95 100
174 69.6 0.0 154.6
176 69.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

Tgt Ion: 117 Resp: 126344
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.1 26.6 39.8

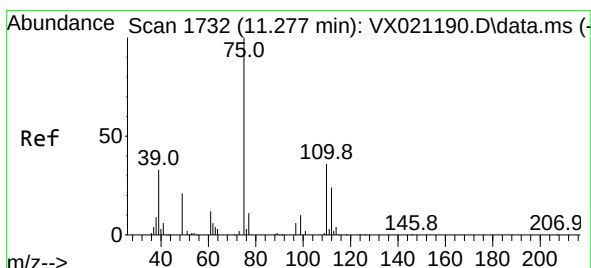
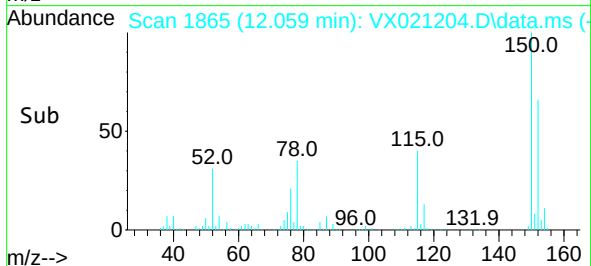
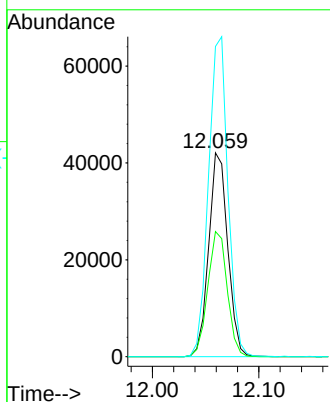
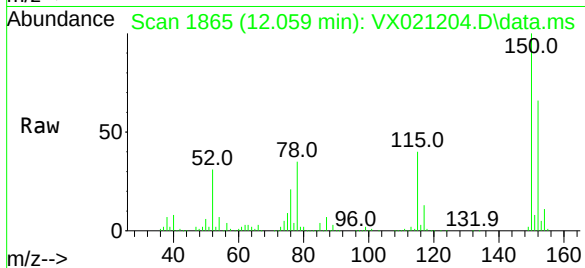




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

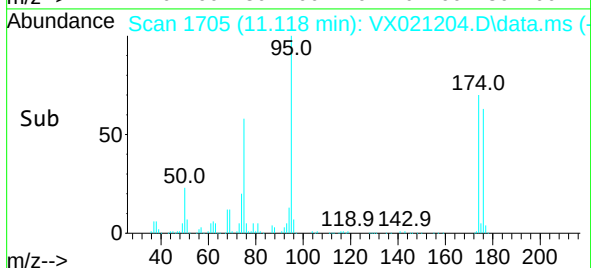
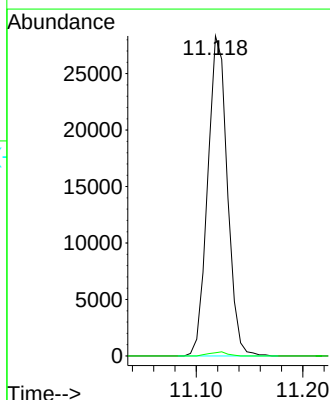
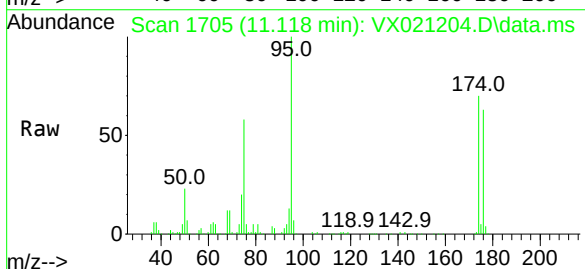
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305

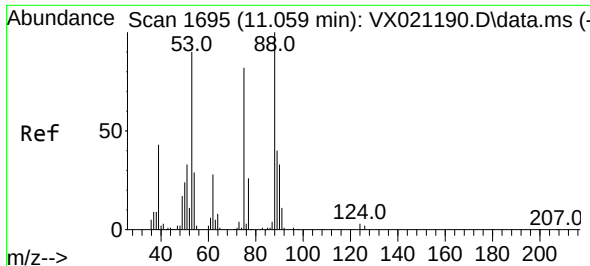
Tgt Ion:152 Resp: 52416
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 159.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

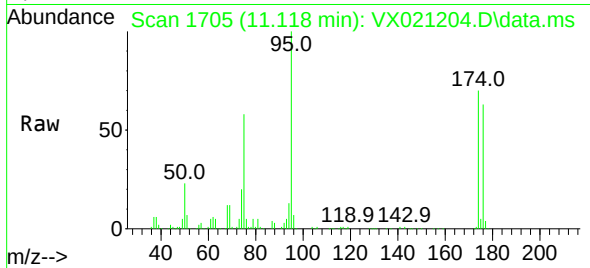
Tgt Ion: 75 Resp: 36331
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



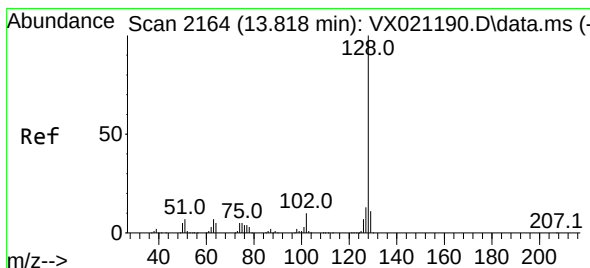
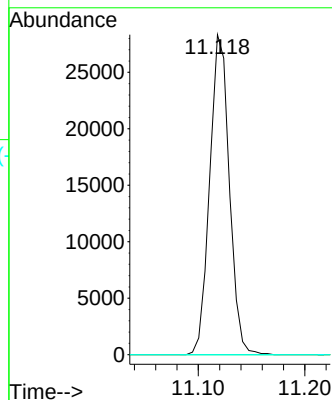
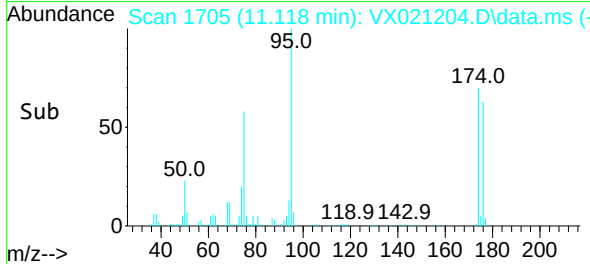


#81
trans-1,4-Dichloro-2-butene
Concen: 79.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00

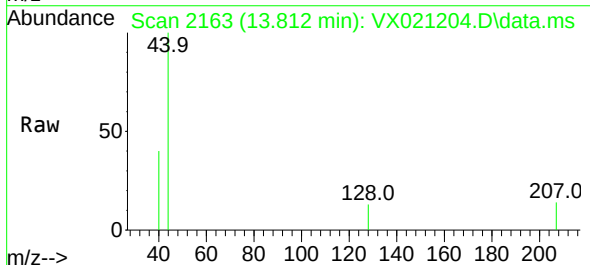
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20210305



Tgt Ion: 75 Resp: 36331
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.47 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021204.D
Acq: 15 Mar 2021 17:00



Tgt Ion: 128 Resp: 38
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

