

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022203.D
 Acq On : 26 May 2021 17:29
 Operator : JC/MD
 Sample : M2526-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5T-20210525

Quant Time: May 27 04:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	68679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56600	53.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 106.86%		
35) Dibromofluoromethane	5.397	113	44280	48.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 97.50%		
50) Toluene-d8	8.653	98	175025	50.02	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 100.04%		
62) 4-Bromofluorobenzene	11.085	95	61811	47.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 95.58%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	150	0.27	ug/l #	47
11) Tert butyl alcohol	2.959	59	191	0.79	ug/l #	73
16) Acetone	2.386	43	1046	2.27	ug/l #	80
20) Methylene Chloride	2.800	84	255	0.25	ug/l #	72
31) Cyclohexane	5.562	56	1692	1.27	ug/l #	2
36) 1,1-Dichloropropene	5.568	75	6730	5.08	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7642	5.90	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	893	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31597	25.78	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31597	61.09	ug/l #	12
95) Naphthalene	13.780	128	1031	0.27	ug/l	97

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

Quant Time: May 27 04:07:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

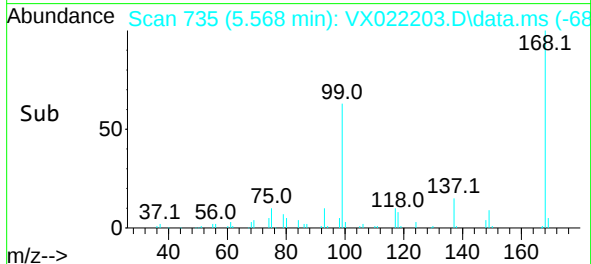
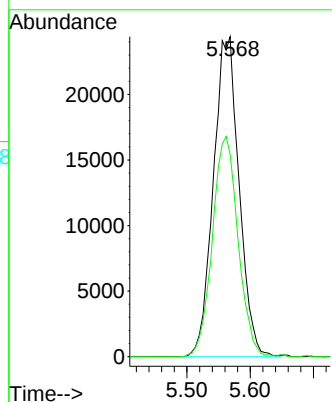
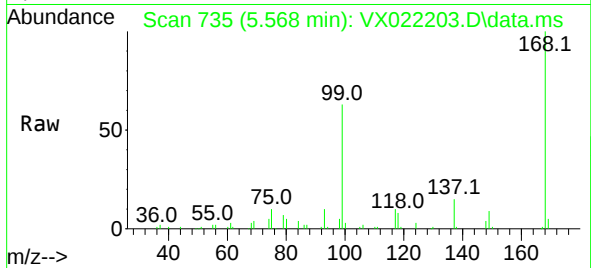




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

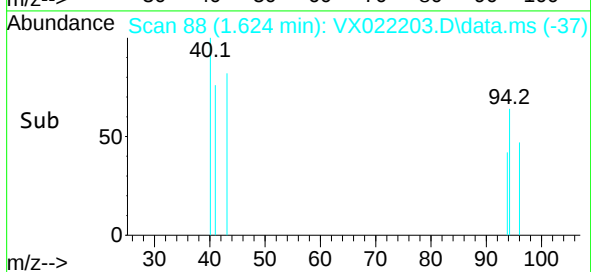
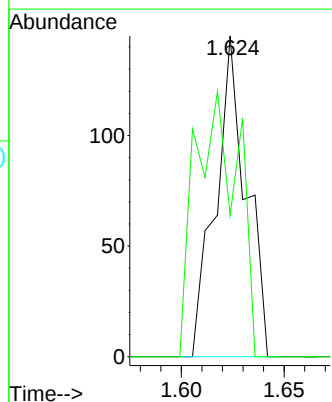
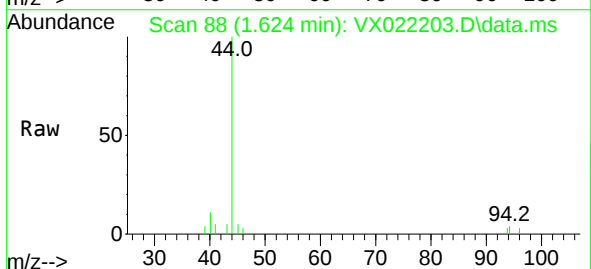
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

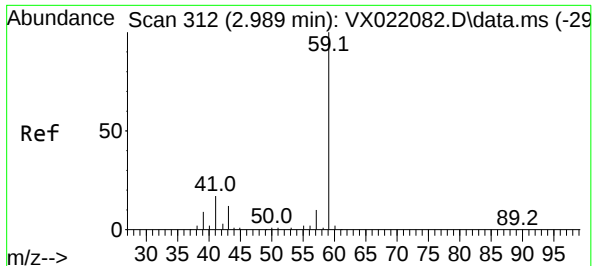
Tgt Ion:168 Resp: 68679
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 44.1 76.4 114.6#



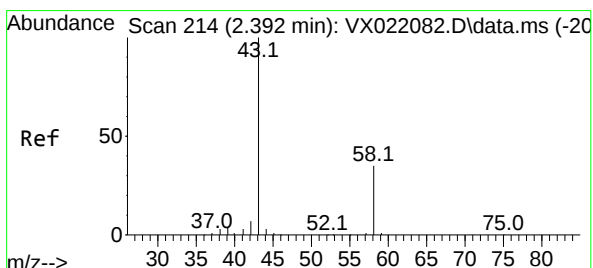
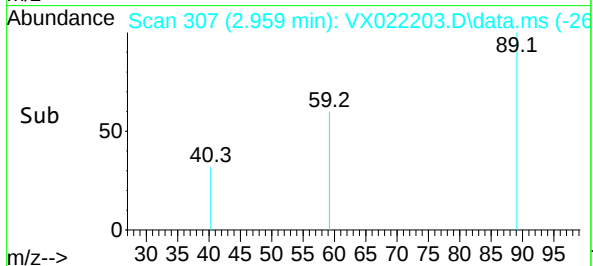
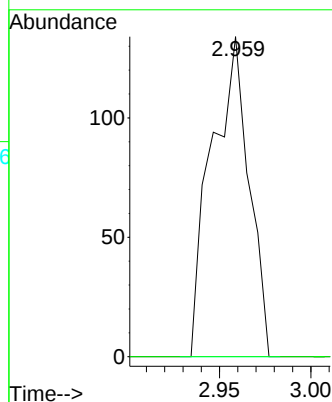
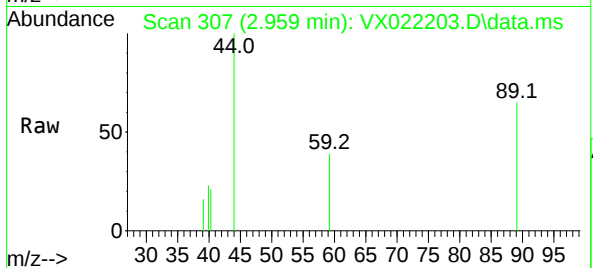


#11

Tert butyl alcohol
Concen: 0.79 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

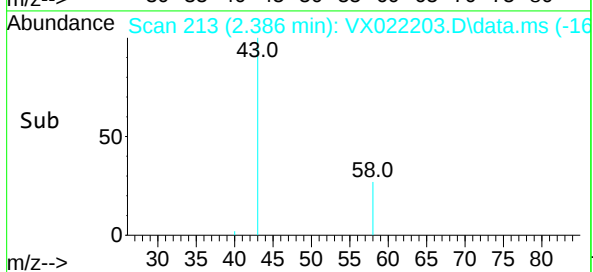
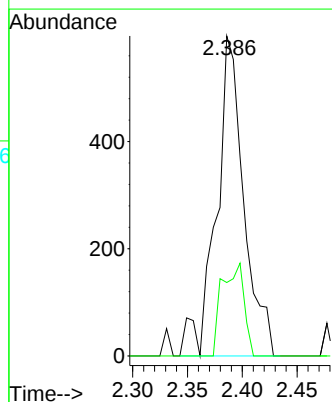
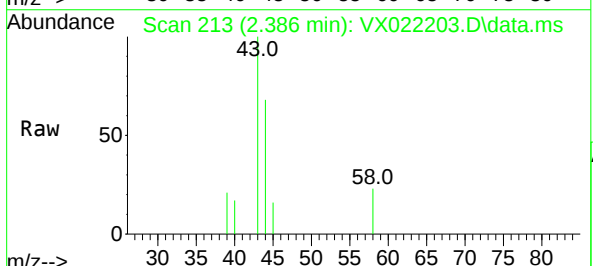
Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

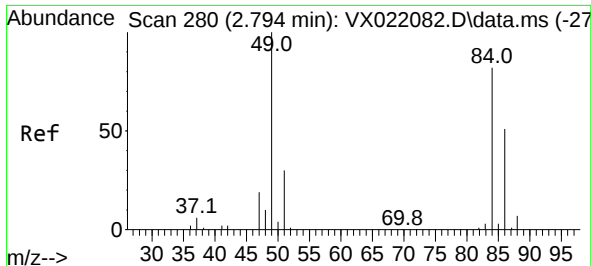


#16

Acetone
Concen: 2.27 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 22.9 27.8 41.8#



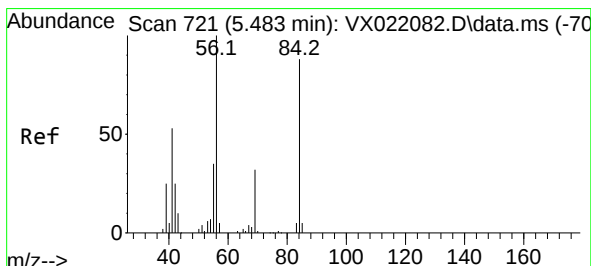
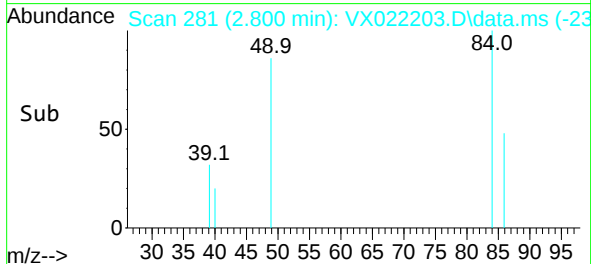
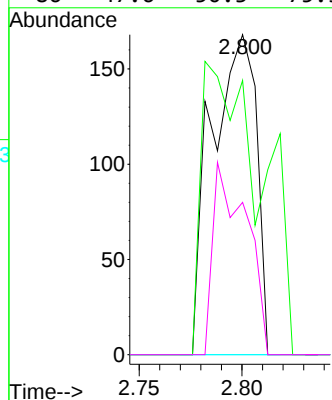
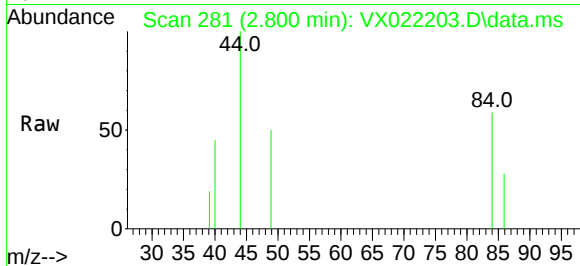


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

Tgt Ion: 84 Resp: 255

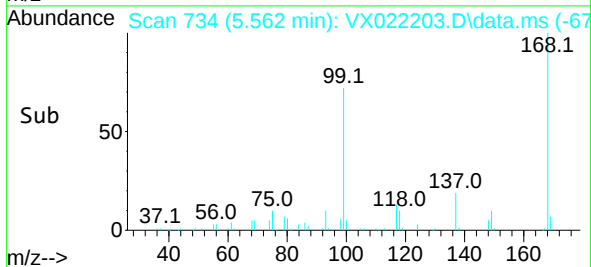
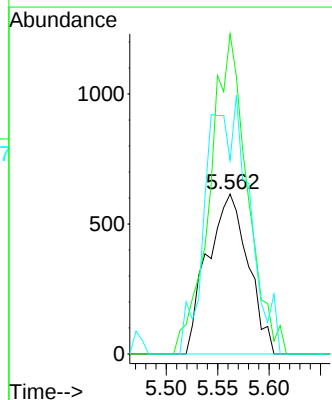
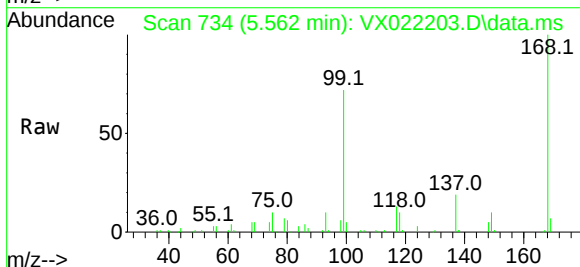
Ion	Ratio	Lower	Upper
84	100		
49	85.7	88.6	132.8#
51	0.0	27.0	40.6#
86	47.6	50.3	75.5#

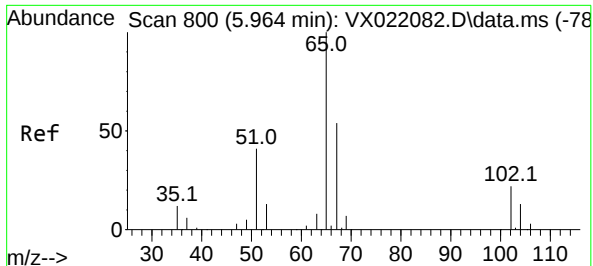


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Tgt Ion: 56 Resp: 1692

Ion	Ratio	Lower	Upper
56	100		
69	185.7	25.3	37.9#
84	121.1	71.4	107.0#

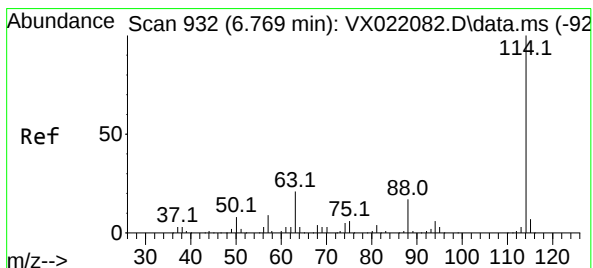
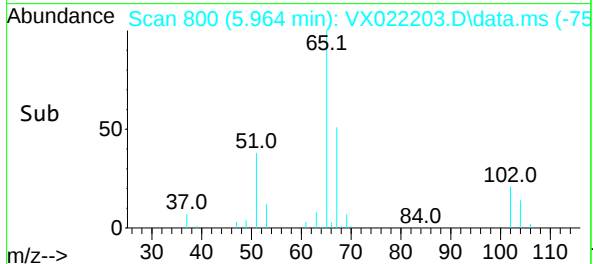
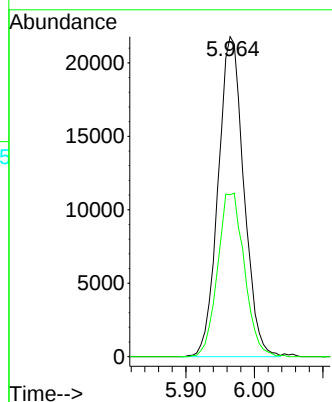
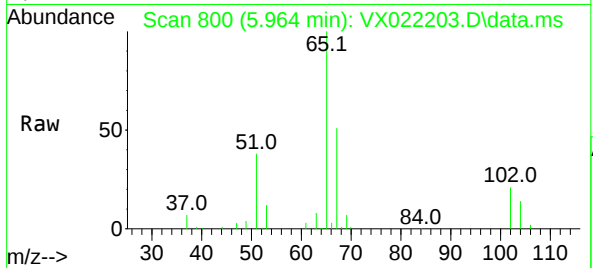




#33
 1,2-Dichloroethane-d4
 Concen: 53.43 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022203.D
 Acq: 26 May 2021 17:29

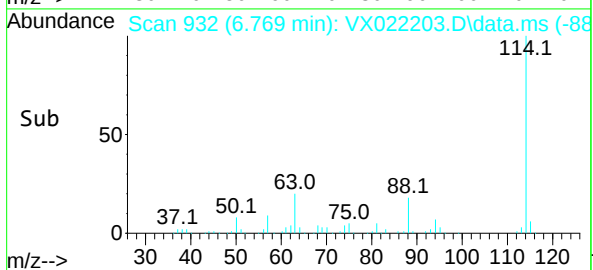
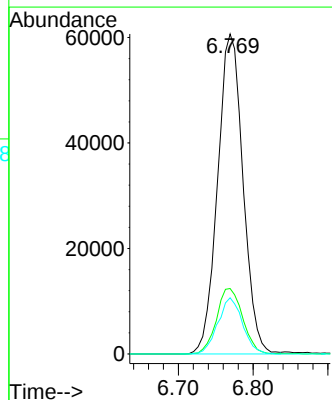
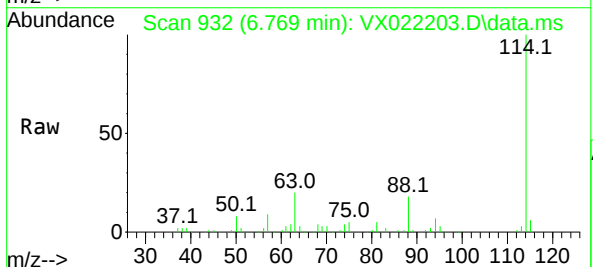
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5T-20210525

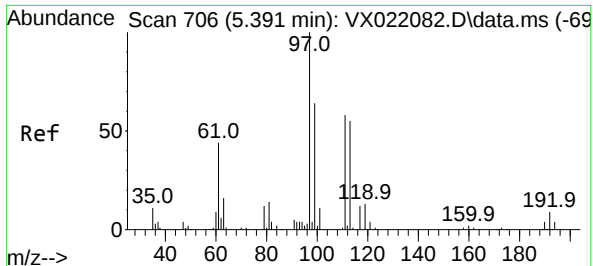
Tgt Ion: 65 Resp: 56600
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022203.D
 Acq: 26 May 2021 17:29

Tgt Ion: 114 Resp: 143234
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 17.5 0.0 32.8

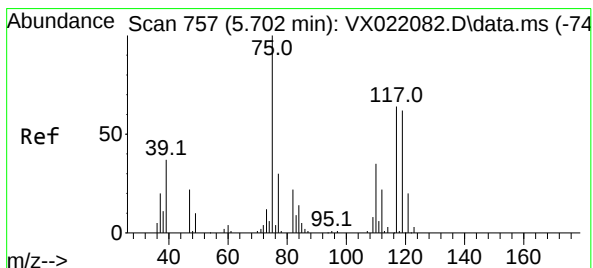
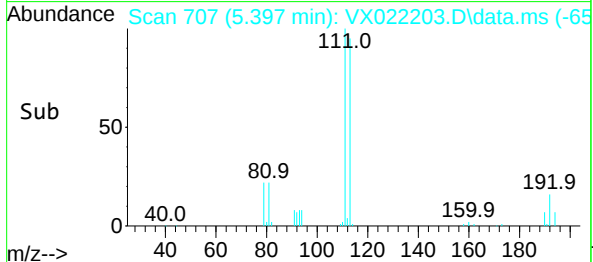
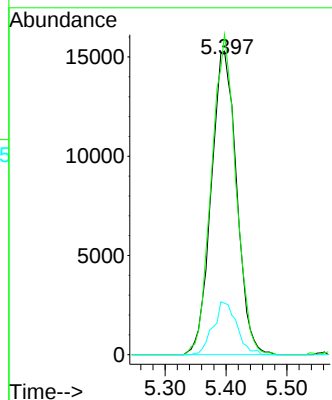
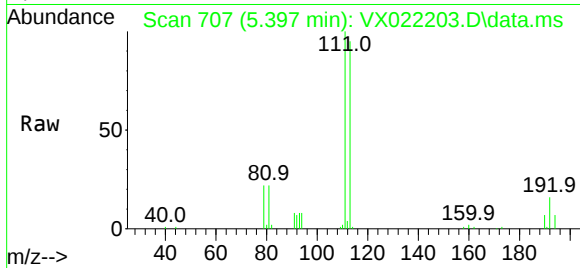




#35
Dibromofluoromethane
Concen: 48.75 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

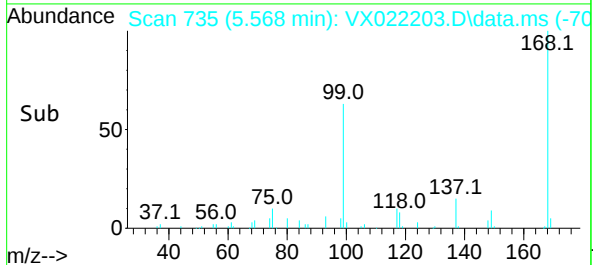
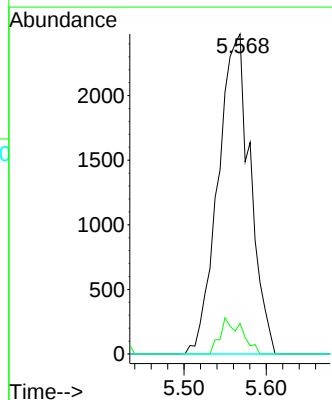
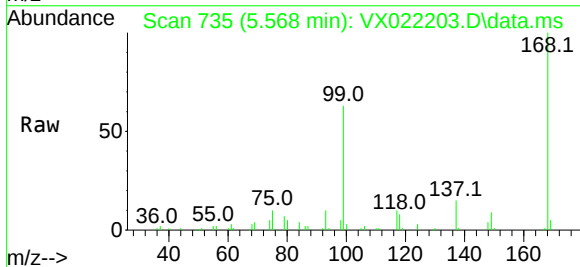
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

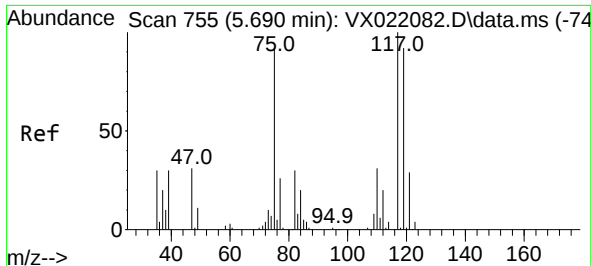
Tgt Ion:113 Resp: 44280
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 16.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.08 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

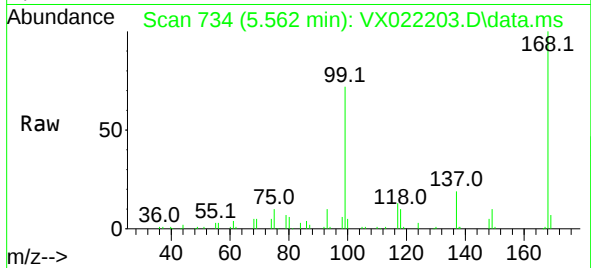
Tgt Ion: 75 Resp: 6730
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.3 37.9#



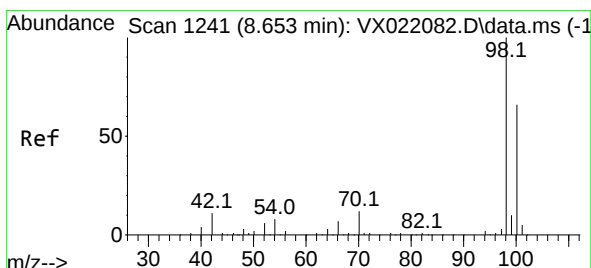
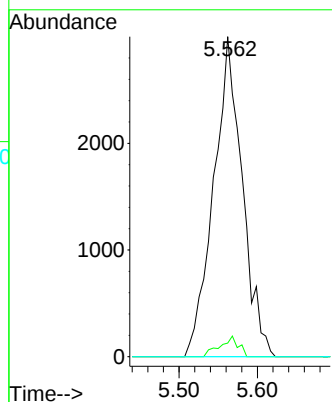
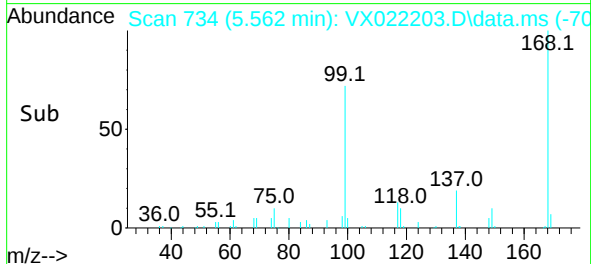


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

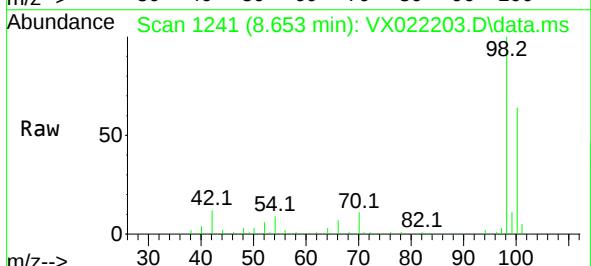
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525



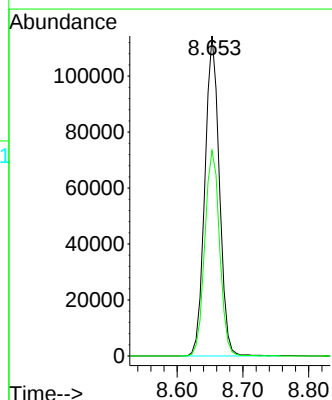
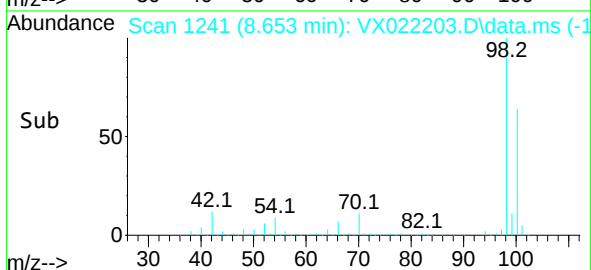
Tgt Ion:117 Resp: 7642
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

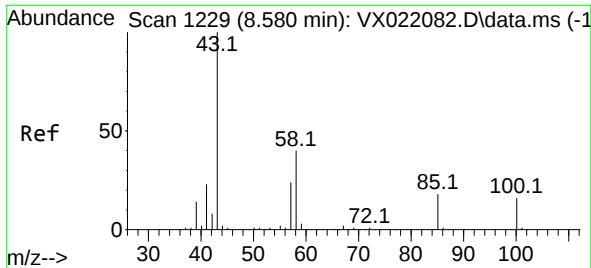


#50
Toluene-d8
Concen: 50.02 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29



Tgt Ion: 98 Resp: 175025
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

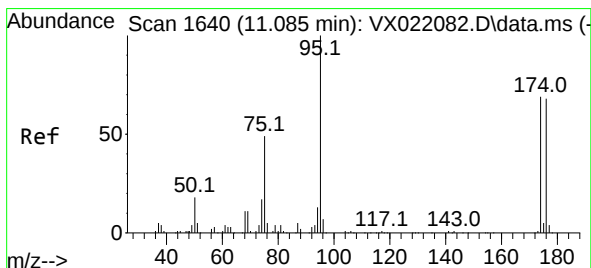
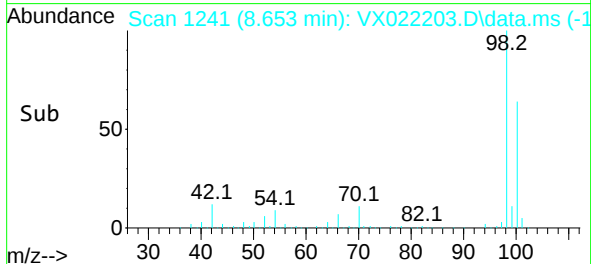
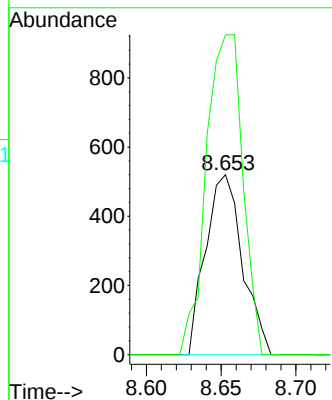
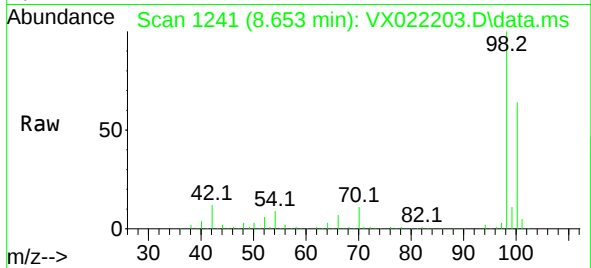




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

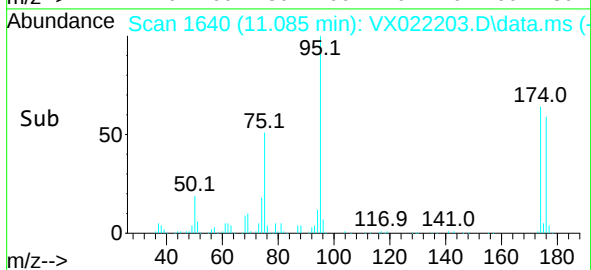
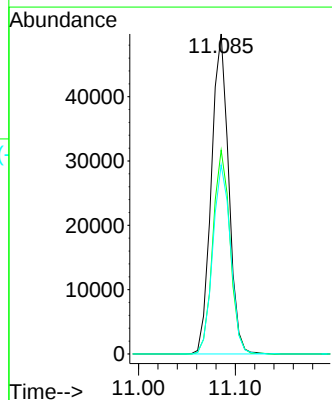
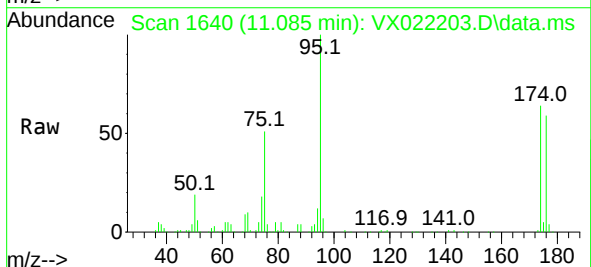
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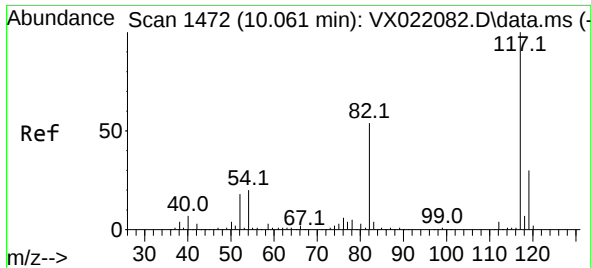
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 175.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.79 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Tgt Ion: 95 Resp: 61811
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 60.7 0.0 155.8

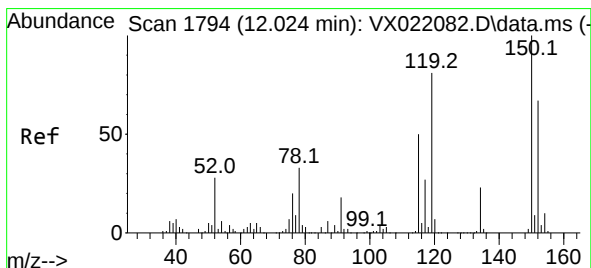
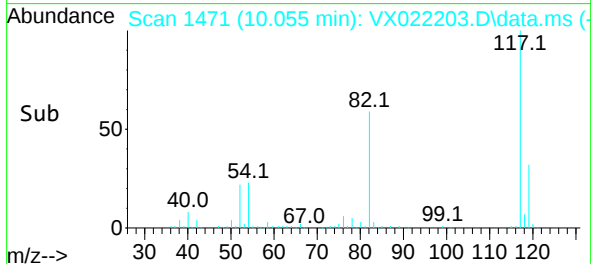
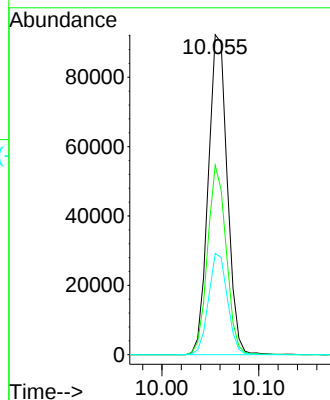
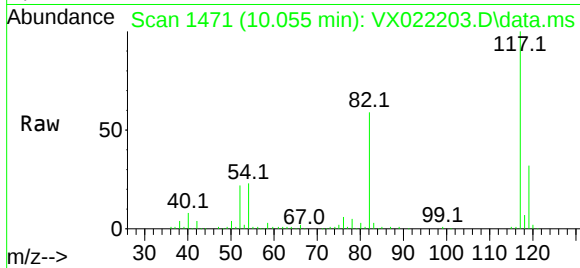




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

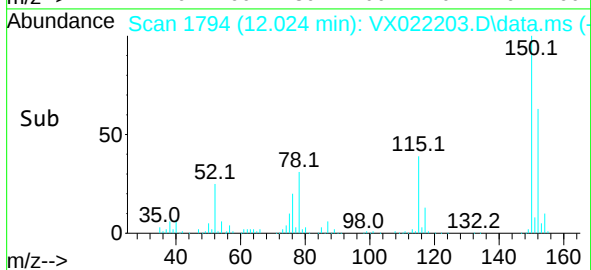
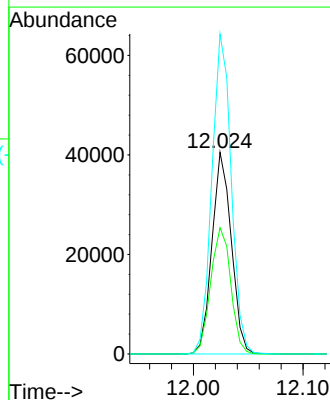
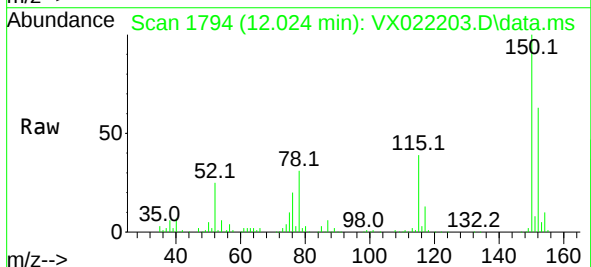
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

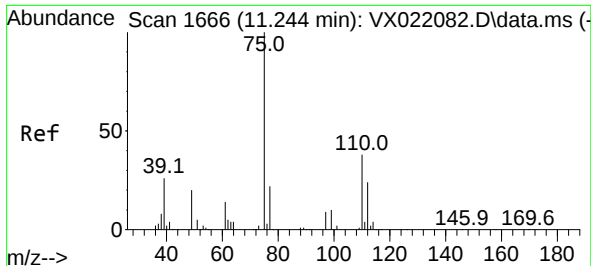
Tgt Ion:117 Resp: 126419
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Tgt Ion:152 Resp: 49673
Ion Ratio Lower Upper
152 100
115 64.9 41.1 123.3
150 158.7 0.0 349.0

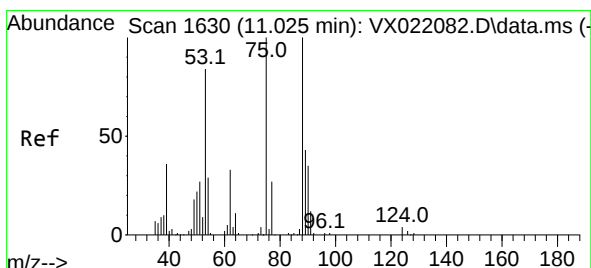
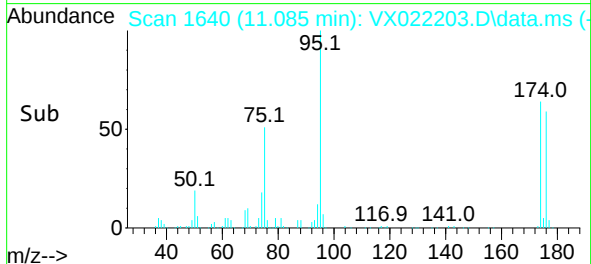
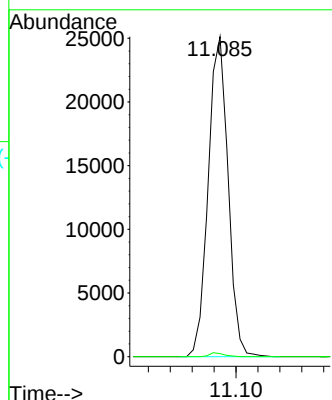
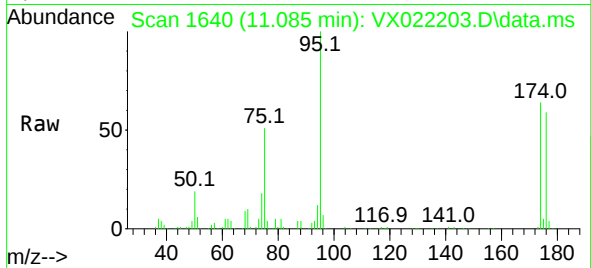




#76
1,2,3-Trichloropropane
Concen: 25.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

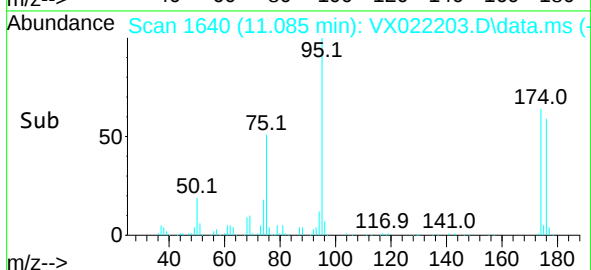
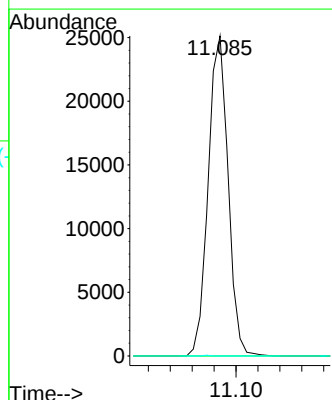
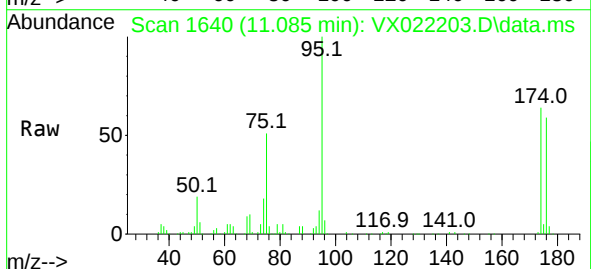
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525

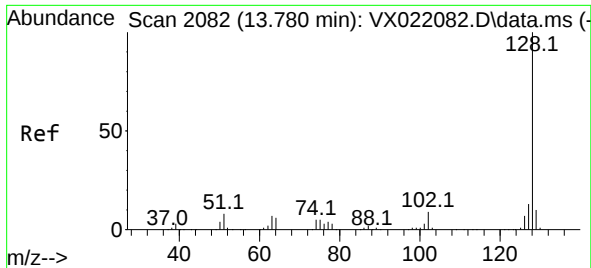
Tgt Ion: 75 Resp: 31597
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

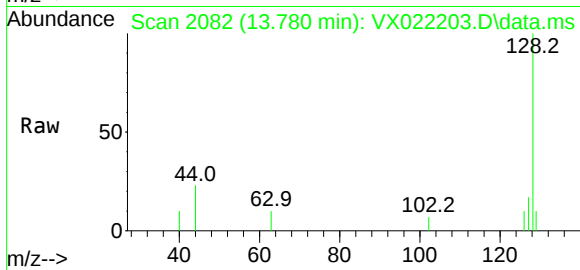
Tgt Ion: 75 Resp: 31597
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022203.D
Acq: 26 May 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20210525



Tgt Ion:	128	Resp:	1031
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	11.0	8.8	13.2

