

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024021.D
 Acq On : 30 Aug 2021 17:50
 Operator : JC/MD
 Sample : M3583-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20210827

Quant Time: Aug 31 03:12:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

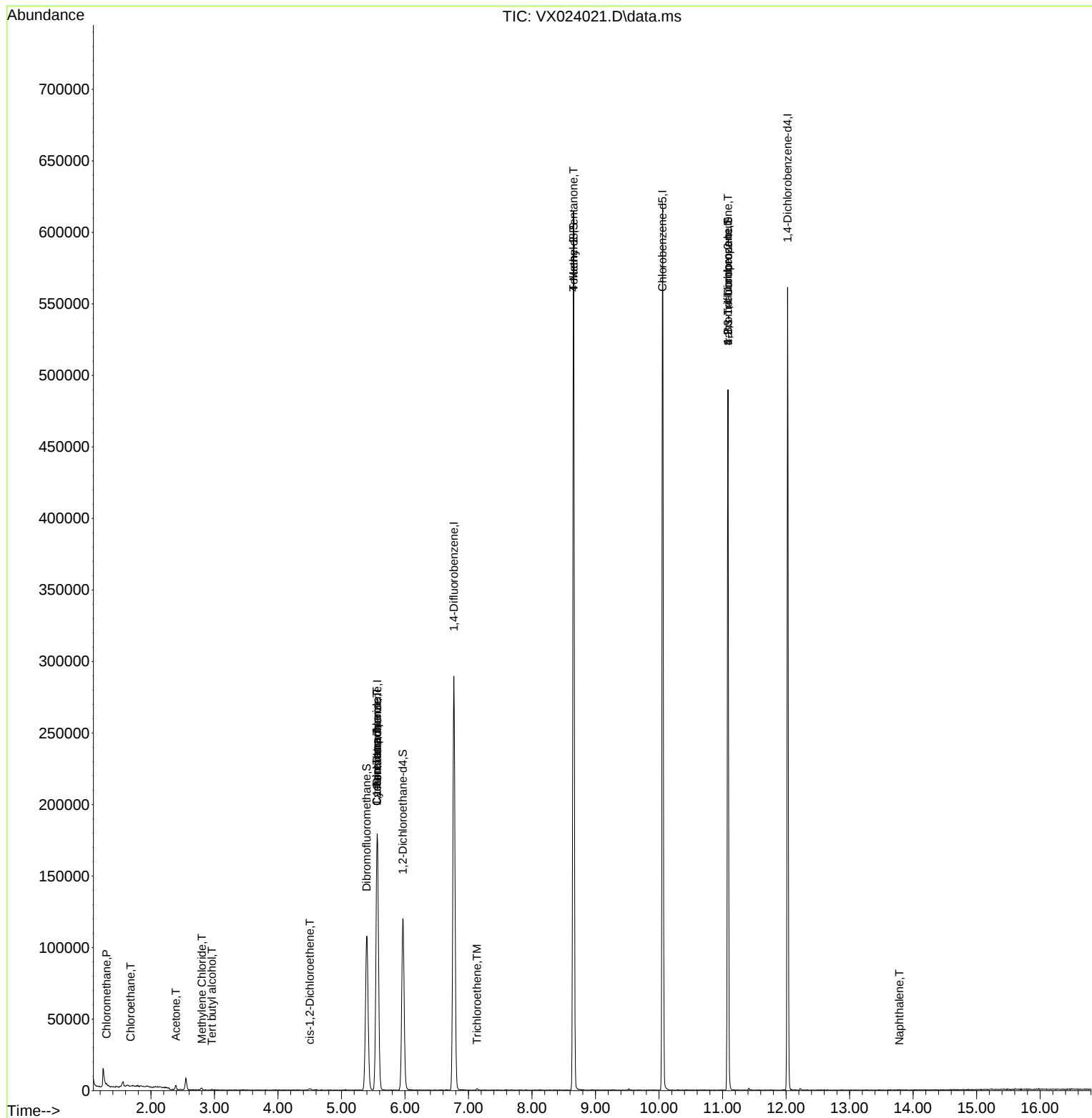
Internal Standards						
1) Pentafluorobenzene	5.562	168	165108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122020	52.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.900%
35) Dibromofluoromethane	5.397	113	92617	49.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.653	98	349220	49.061	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.085	95	125718	47.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	543	0.284	ug/l #	83
6) Chloroethane	1.678	64	323	2.415	ug/l #	43
11) Tert butyl alcohol	2.959	59	245	0.526	ug/l #	73
16) Acetone	2.392	43	2928	2.842	ug/l	92
20) Methylene Chloride	2.800	84	579	0.294	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	717	0.356	ug/l	95
31) Cyclohexane	5.556	56	3788	1.279	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	13334	5.096	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17062	6.253	ug/l #	15
44) Trichloroethene	7.135	130	444	0.208	ug/l	62
51) 4-Methyl-2-Pentanone	8.653	43	1663	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	68336	26.619	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	68336	78.302	ug/l #	12
95) Naphthalene	13.786	128	138	1.299	ug/l #	69

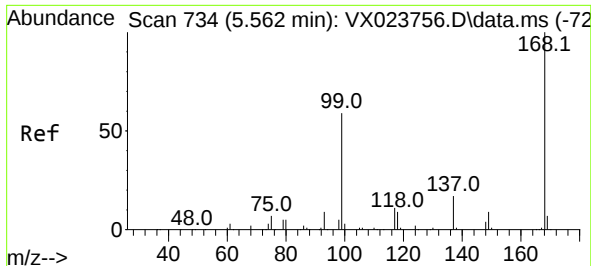
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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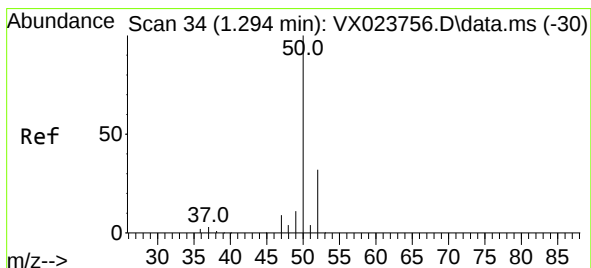
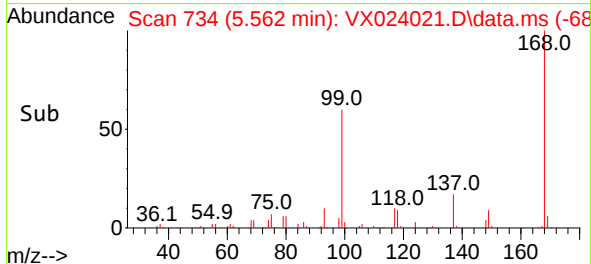
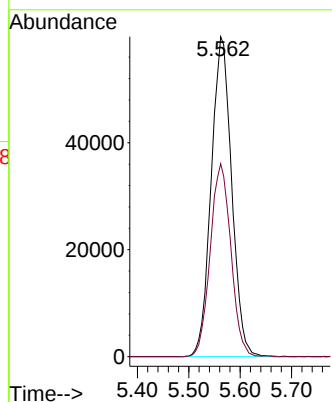
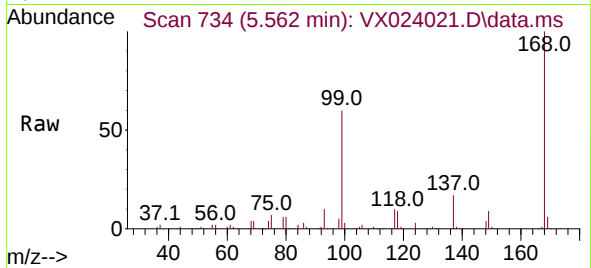




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

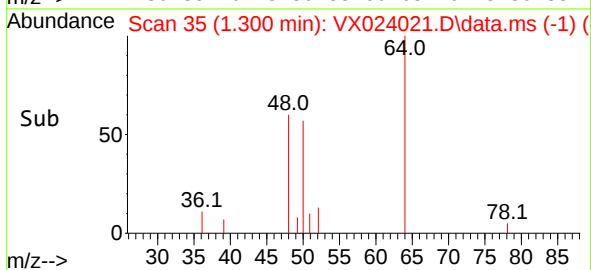
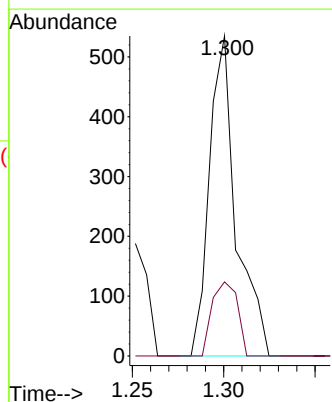
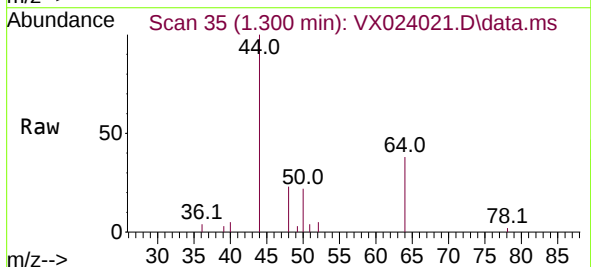
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827

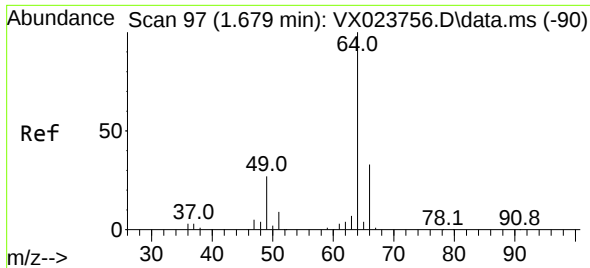
Tgt Ion:168 Resp: 165108
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 23.2 26.4 39.6#

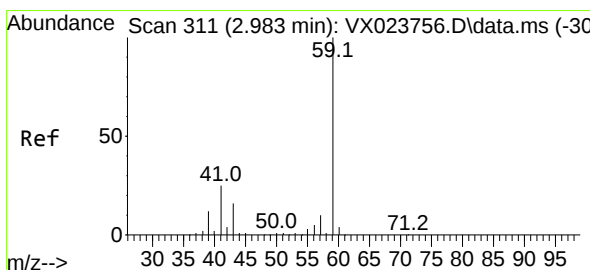
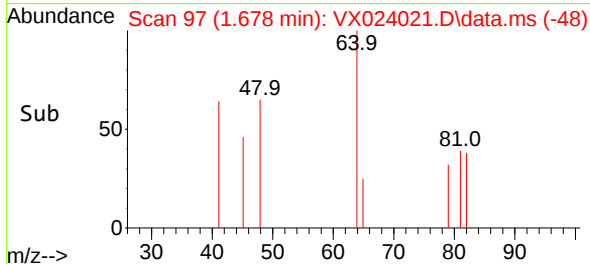
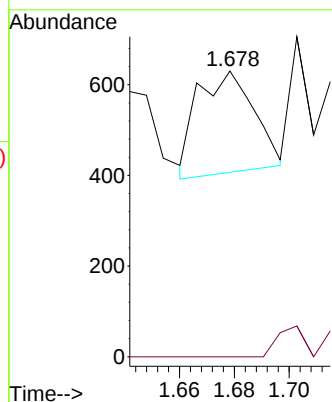
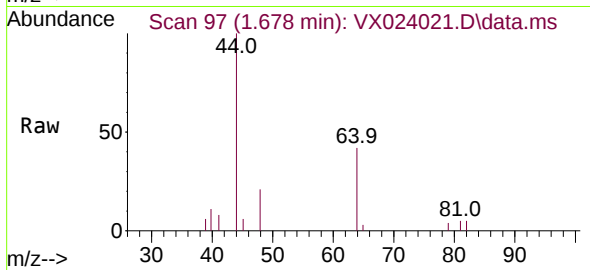




#6
Chloroethane
Concen: 2.415 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

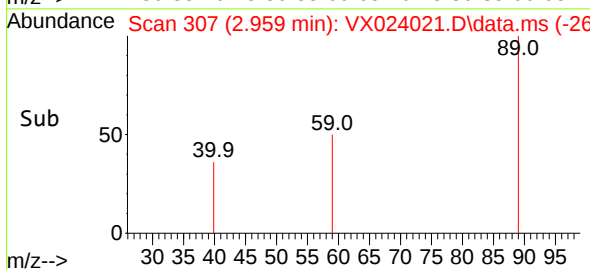
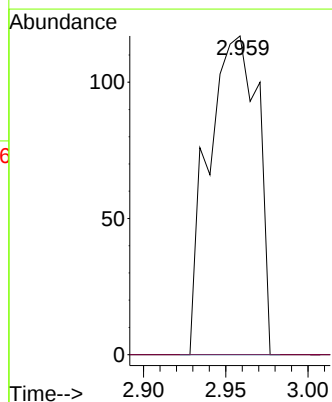
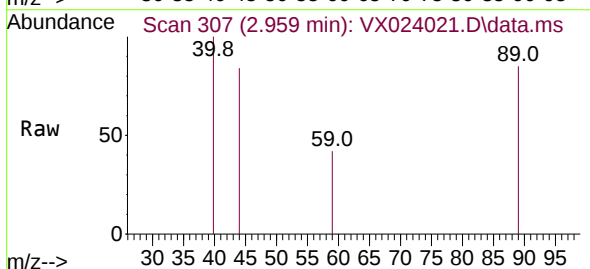
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827

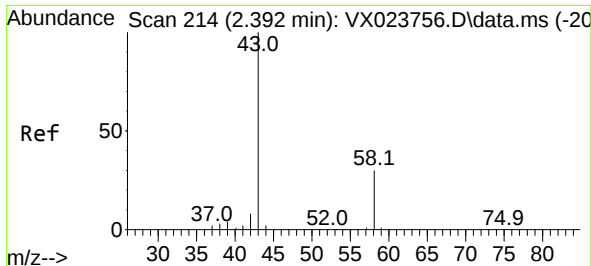
Tgt Ion: 64 Resp: 323
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.526 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

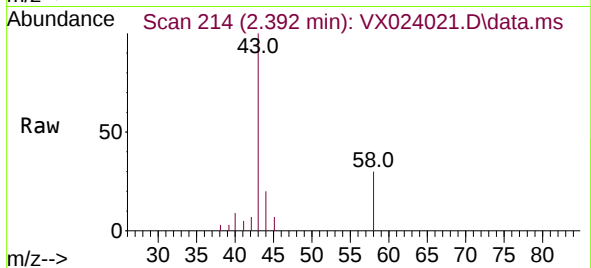
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



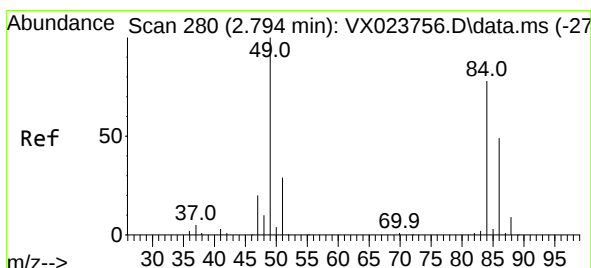
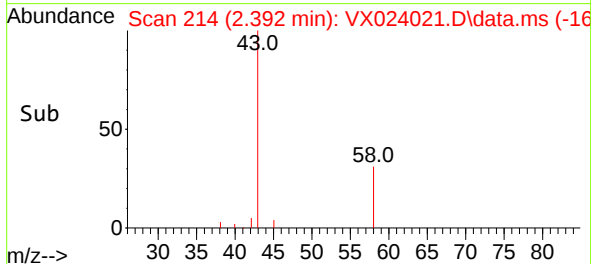
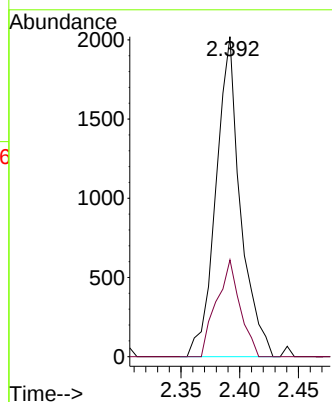


#16
Acetone
Concen: 2.842 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827

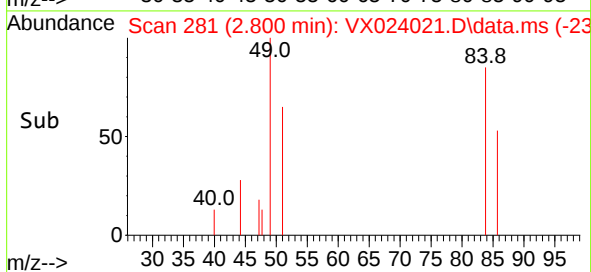
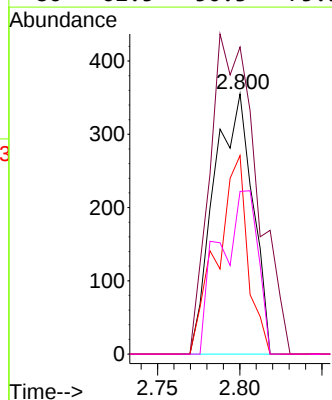
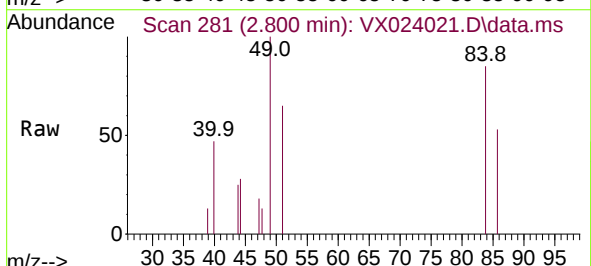


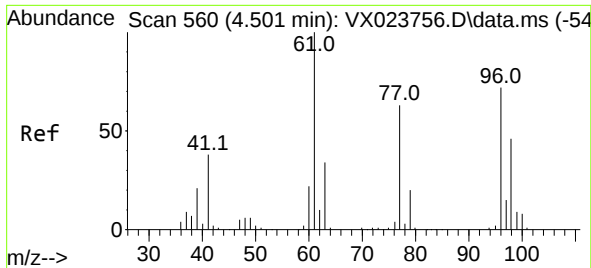
Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Tgt Ion: 84 Resp: 579
Ion Ratio Lower Upper
84 100
49 118.0 88.6 132.8
51 76.3 27.0 40.6#
86 62.5 50.3 75.5

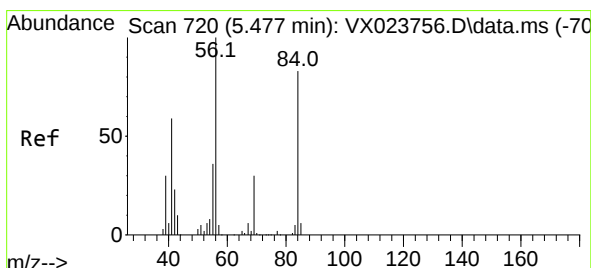
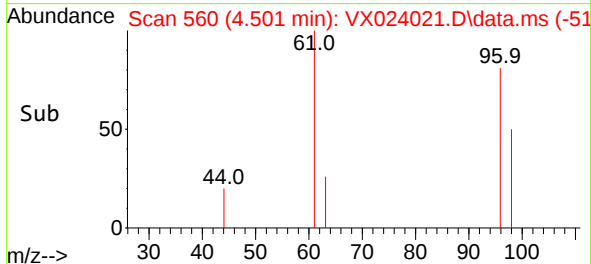
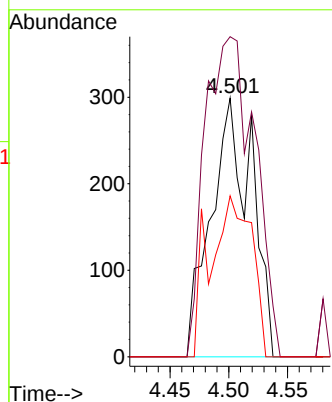
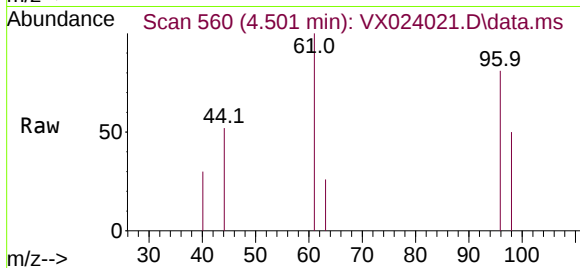




#27
 cis-1,2-Dichloroethene
 Concen: 0.356 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: VX024021.D
 Acq: 30 Aug 2021 17:50

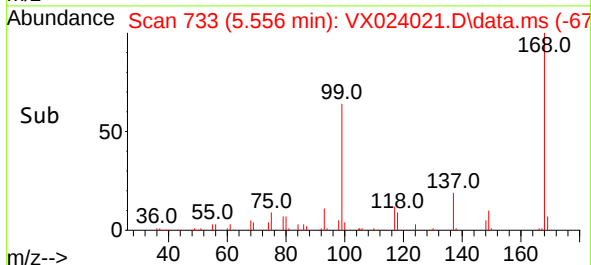
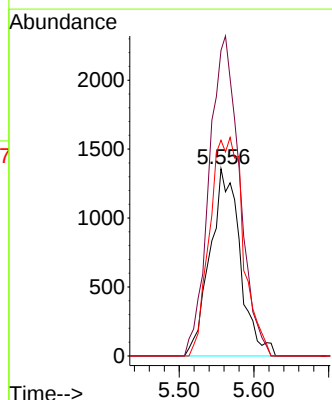
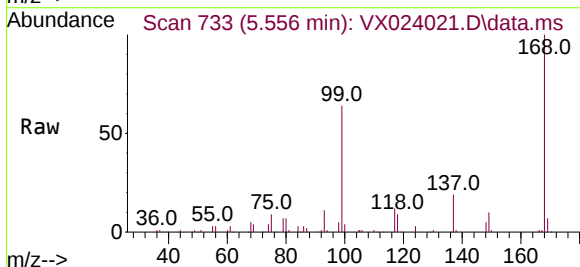
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20210827

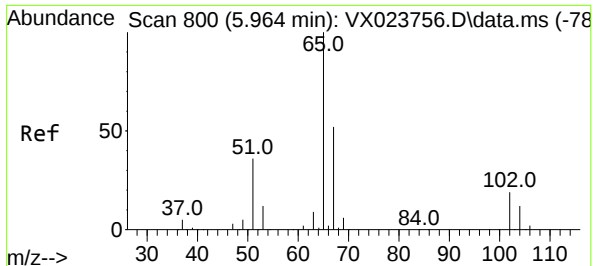
Tgt Ion:	96	Resp:	717
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	285.6
98	64.3	0.0	129.6



#31
 Cyclohexane
 Concen: 1.279 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX024021.D
 Acq: 30 Aug 2021 17:50

Tgt Ion:	56	Resp:	3788
Ion	Ratio	Lower	Upper
56	100		
69	163.2	25.3	37.9#
84	115.2	71.4	107.0#

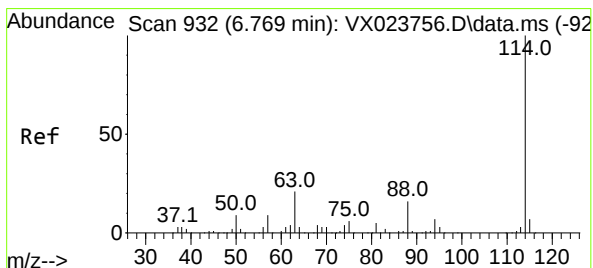
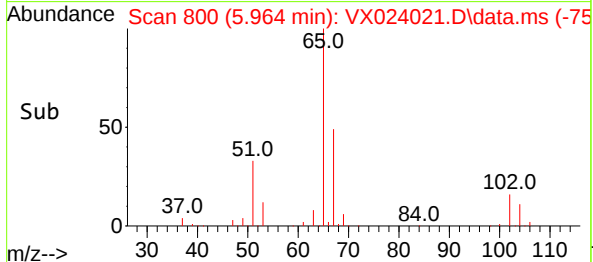
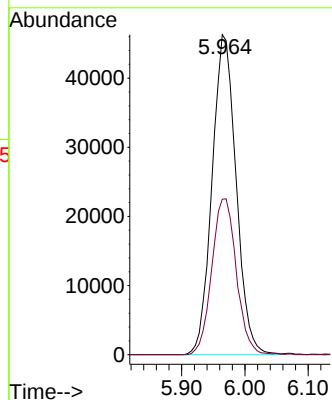
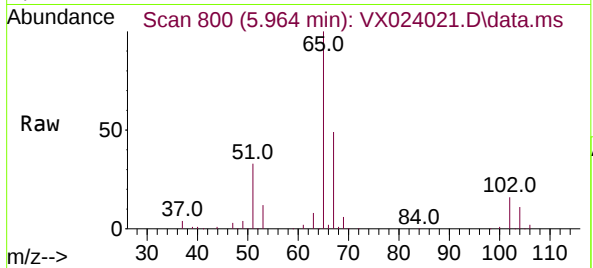




#33
1,2-Dichloroethane-d4
Concen: 52.951 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

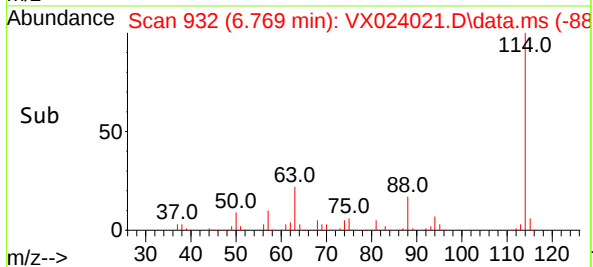
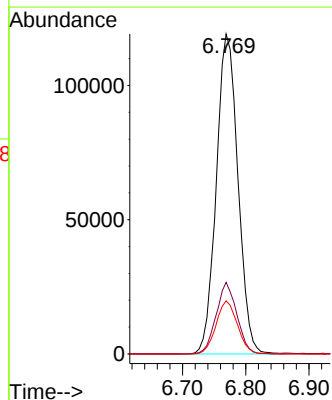
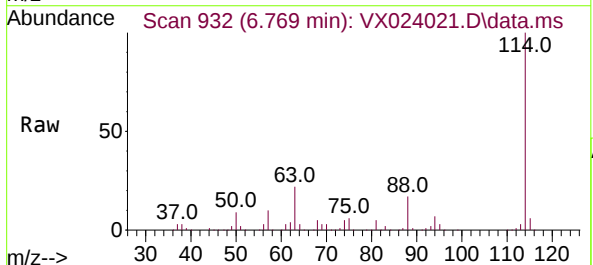
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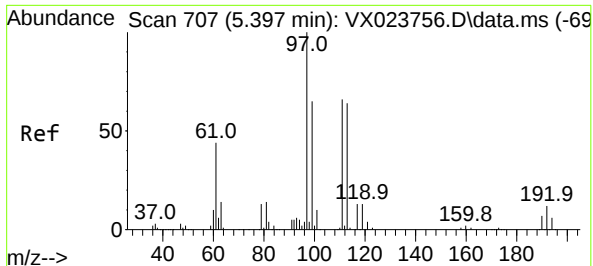
Tgt Ion: 65 Resp: 122020
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Tgt Ion: 114 Resp: 282561
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.523 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024021.D

Acq: 30 Aug 2021 17:50

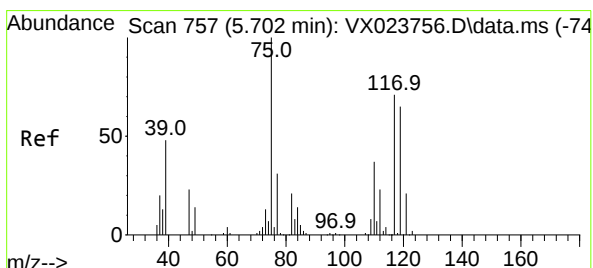
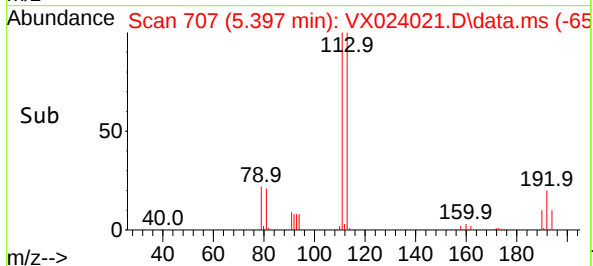
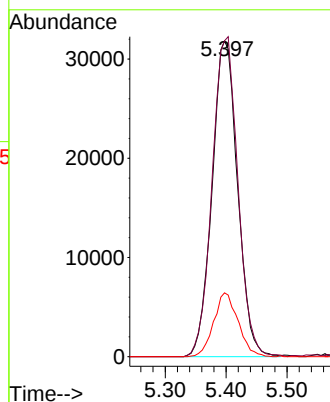
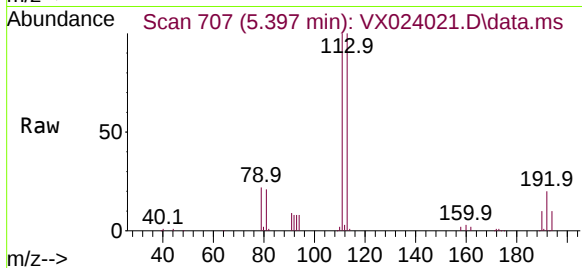
Tgt Ion:113 Resp: 92617

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.096 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024021.D

Acq: 30 Aug 2021 17:50

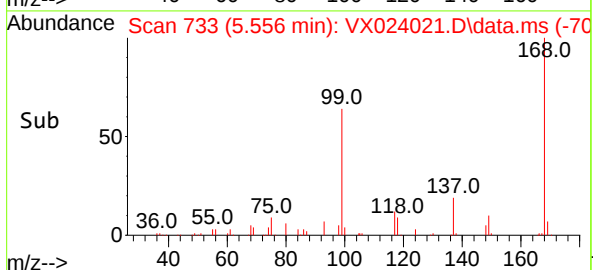
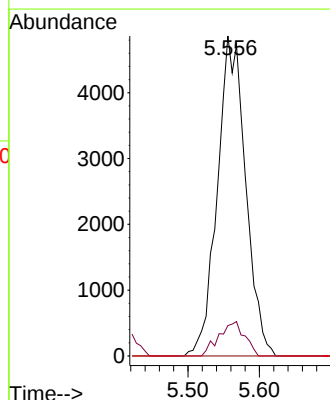
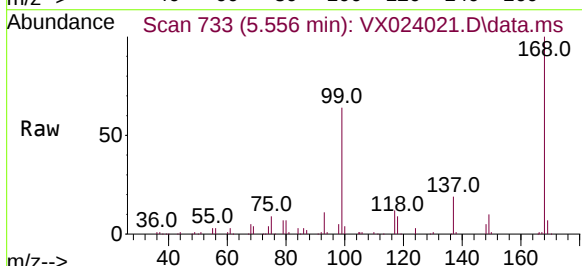
Tgt Ion: 75 Resp: 13334

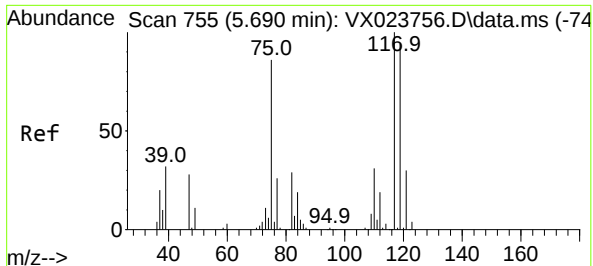
Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

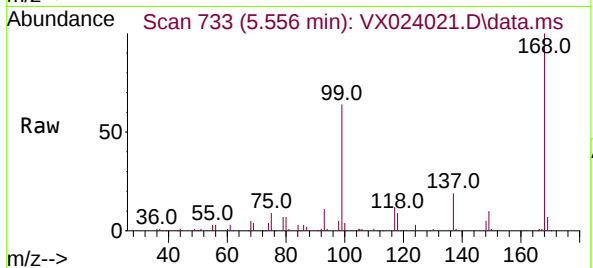
77 0.0 25.3 37.9#



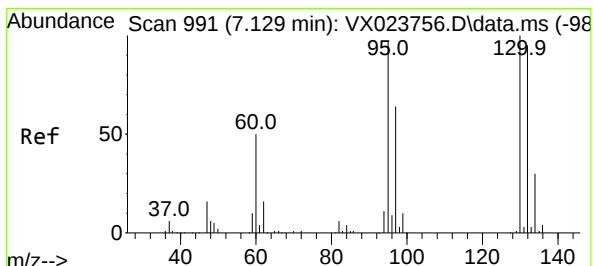
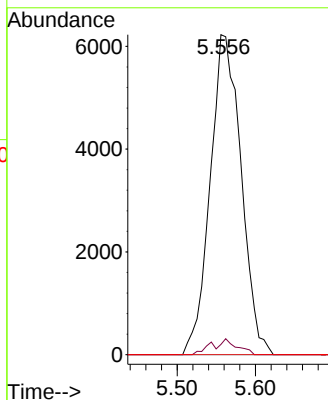
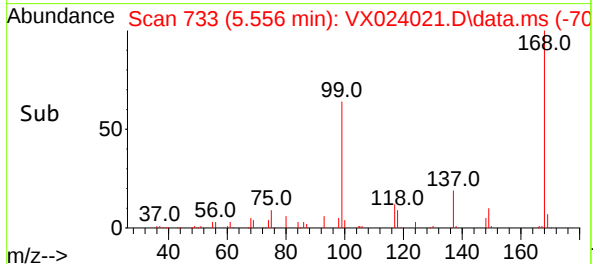


#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

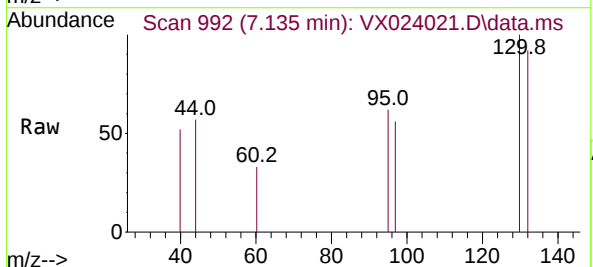
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827



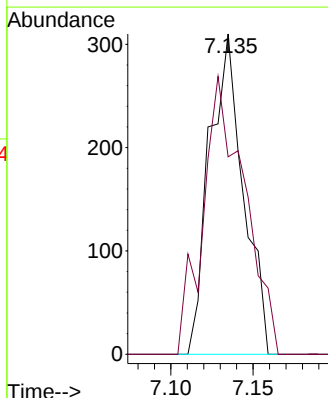
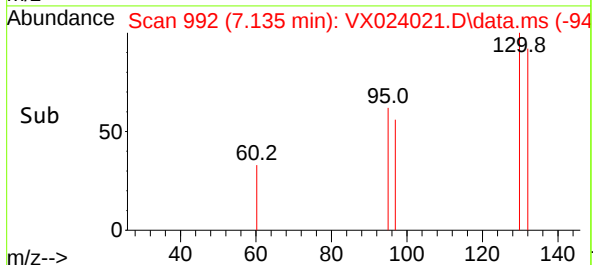
Tgt Ion:117 Resp: 17062
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

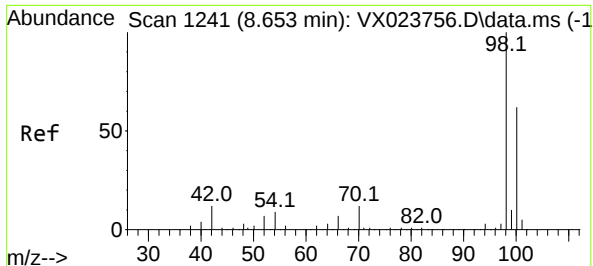


#44
Trichloroethene
Concen: 0.208 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50



Tgt Ion:130 Resp: 444
Ion Ratio Lower Upper
130 100
95 61.6 0.0 198.0





#50

Toluene-d8

Concen: 49.061 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024021.D

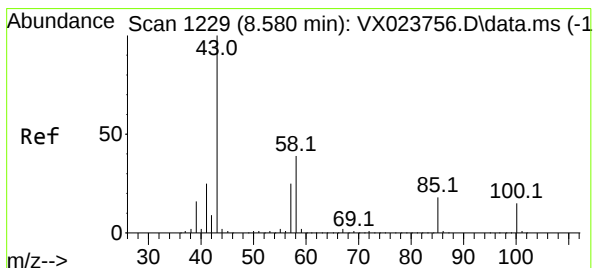
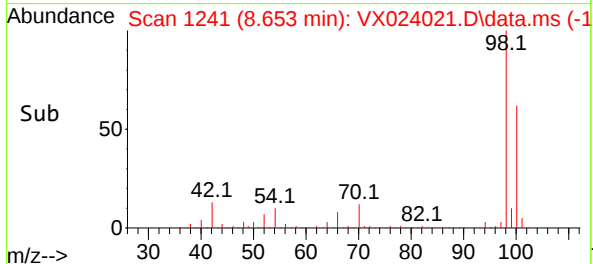
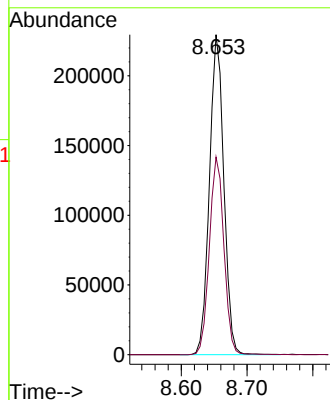
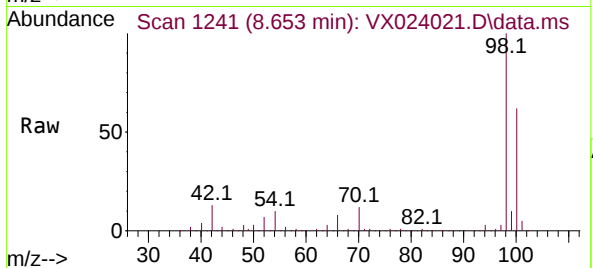
Acq: 30 Aug 2021 17:50

Tgt Ion: 98 Resp: 349220

Ion Ratio Lower Upper

98 100

100 62.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024021.D

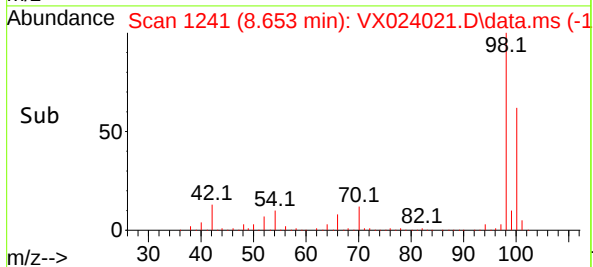
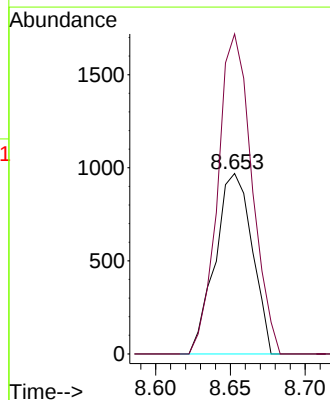
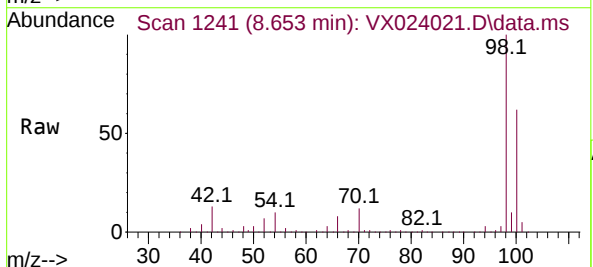
Acq: 30 Aug 2021 17:50

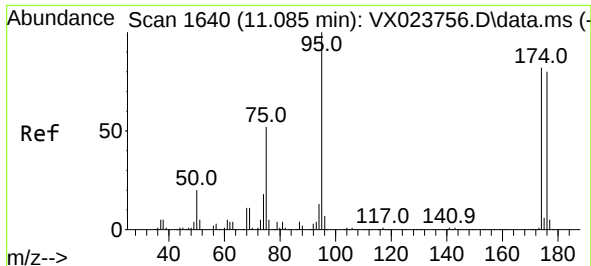
Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 164.2 35.4 53.0#

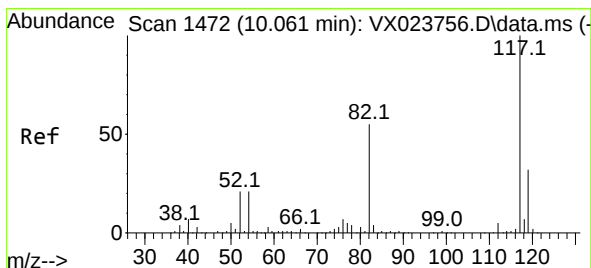
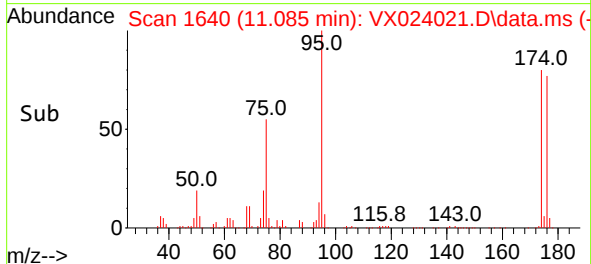
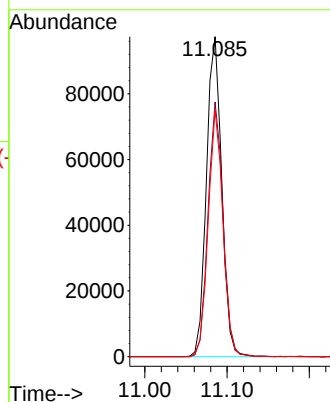
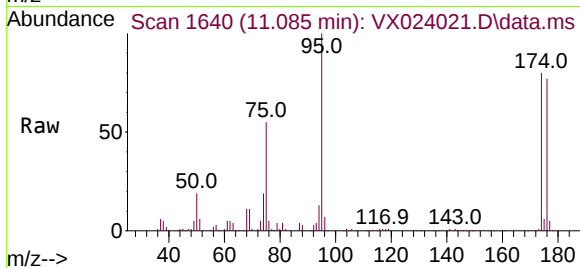




#62
4-Bromofluorobenzene
Concen: 47.977 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

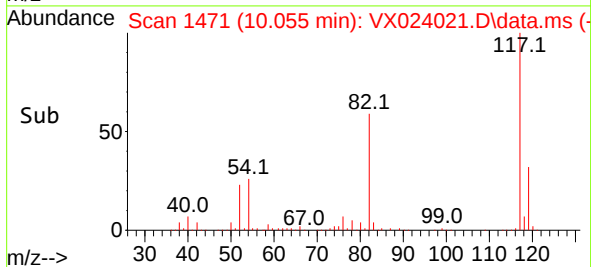
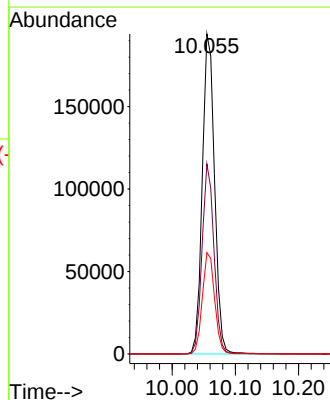
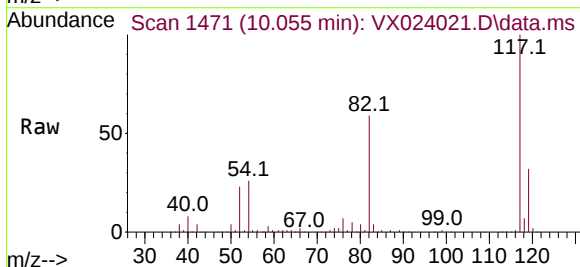
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827

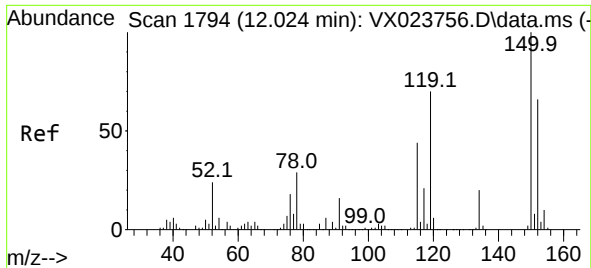
Tgt Ion: 95 Resp: 125718
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Tgt Ion: 117 Resp: 262224
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.6 26.6 39.8

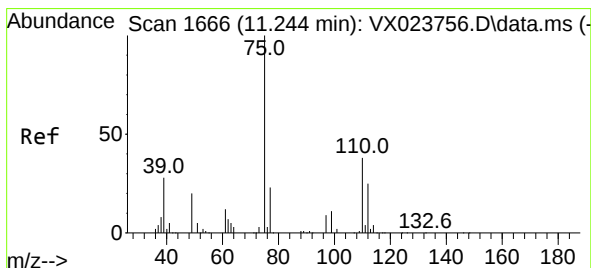
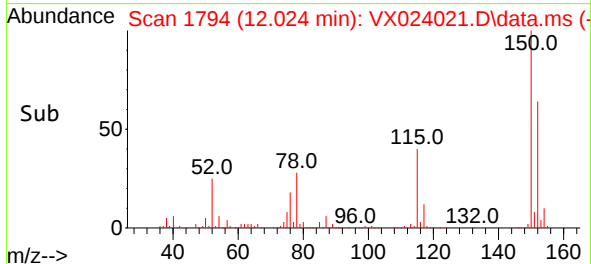
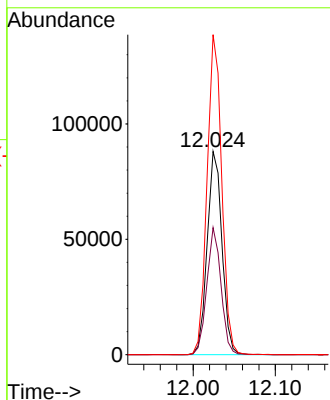
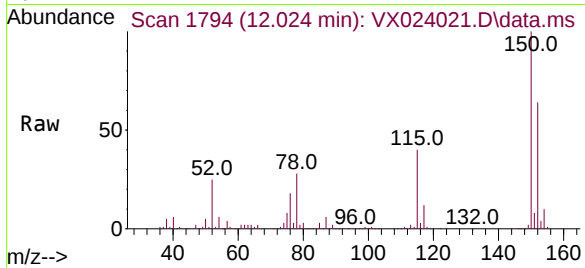




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024021.D
 Acq: 30 Aug 2021 17:50

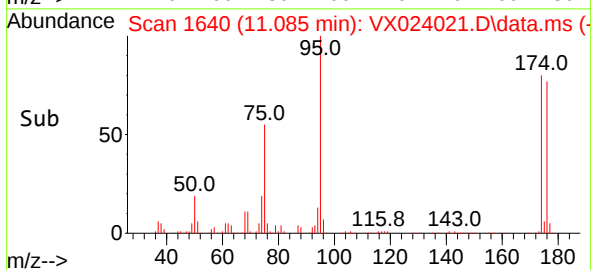
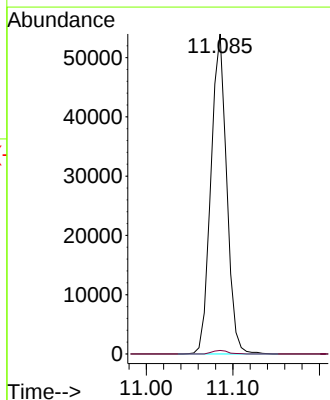
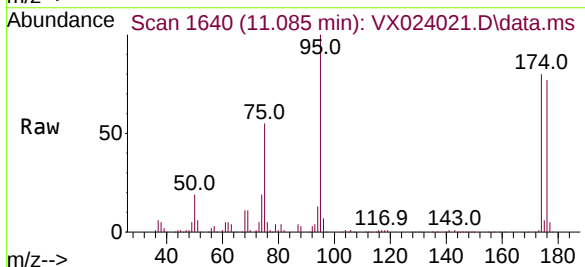
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20210827

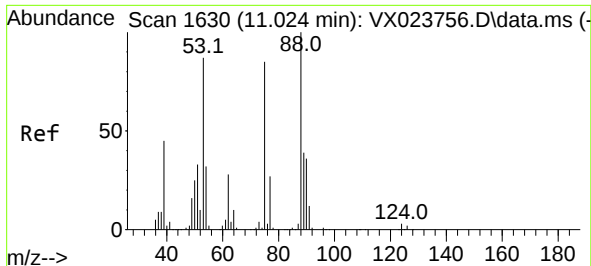
Tgt Ion:152 Resp: 110049
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.619 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024021.D
 Acq: 30 Aug 2021 17:50

Tgt Ion: 75 Resp: 68336
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

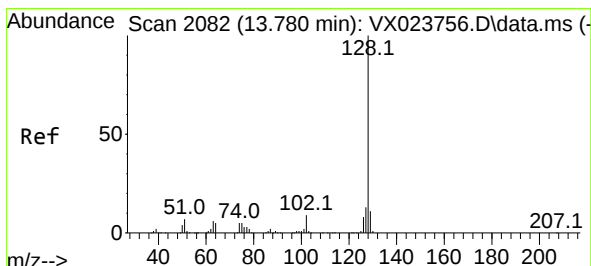
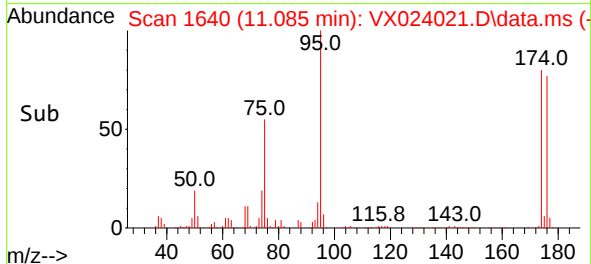
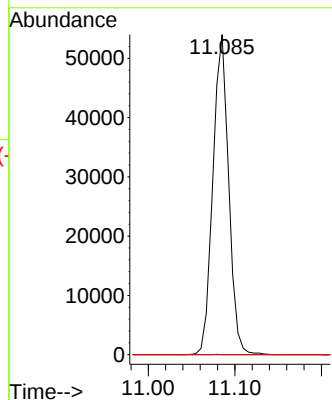
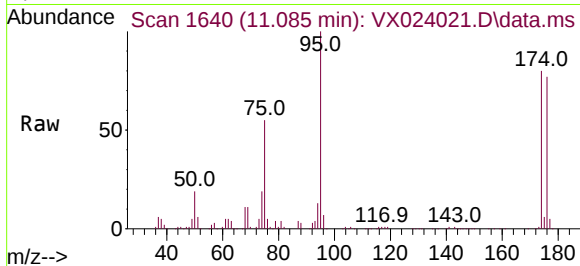




#81
trans-1,4-Dichloro-2-butene
Concen: 78.302 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210827

Tgt Ion: 75 Resp: 68336
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024021.D
Acq: 30 Aug 2021 17:50

Tgt Ion: 128 Resp: 138
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

