

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024023.D
 Acq On : 30 Aug 2021 18:38
 Operator : JC/MD
 Sample : M3583-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210827

Quant Time: Aug 31 03:13:00 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)

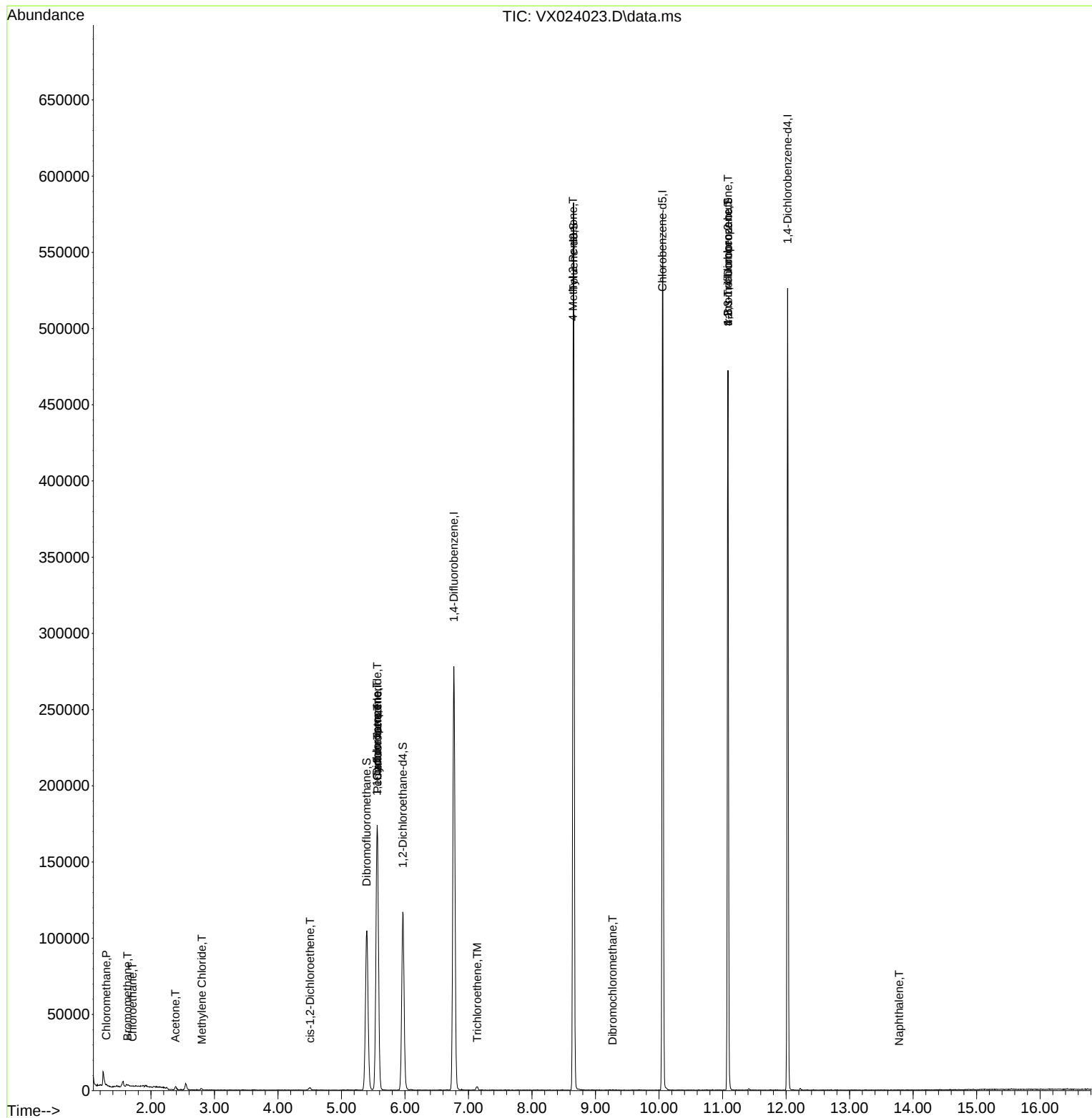
Internal Standards						
1) Pentafluorobenzene	5.568	168	160589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117082	52.238	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.480%		
35) Dibromofluoromethane	5.397	113	90963	50.031	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.060%		
50) Toluene-d8	8.653	98	331917	47.966	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.940%		
62) 4-Bromofluorobenzene	11.085	95	118702	46.598	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.200%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	511	0.275	ug/l #	68
5) Bromomethane	1.630	94	579	0.508	ug/l	92
6) Chloroethane	1.709	64	116	2.291	ug/l #	43
16) Acetone	2.386	43	2455	2.450	ug/l #	79
20) Methylene Chloride	2.800	84	479	0.250	ug/l #	83
27) cis-1,2-Dichloroethene	4.507	96	1025	0.523	ug/l	92
31) Cyclohexane	5.562	56	3654	1.269	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	13244	5.206	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17053	6.429	ug/l #	16
44) Trichloroethene	7.135	130	1058	0.509	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1779	0.563	ug/l #	1
60) Dibromochloromethane	9.269	129	46	1.708	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	63822	26.247	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63822	77.206	ug/l #	12
95) Naphthalene	13.780	128	40	1.288	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
Data File : VX024023.D
Acq On : 30 Aug 2021 18:38
Operator : JC/MD
Sample : M3583-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

Quant Time: Aug 31 03:13:00 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

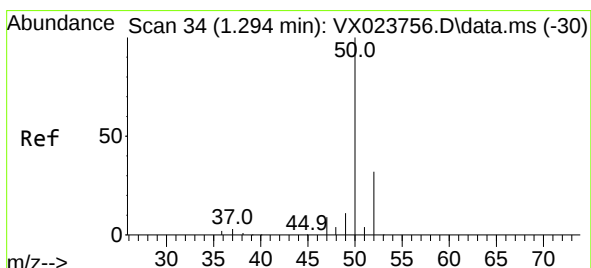
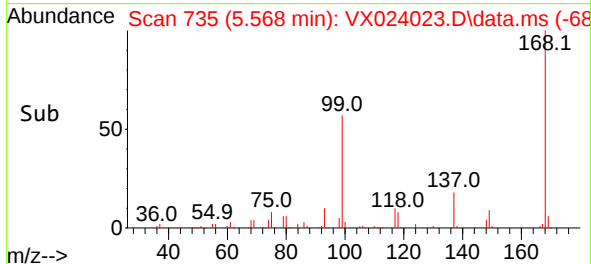
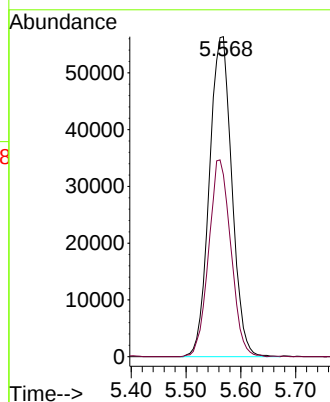
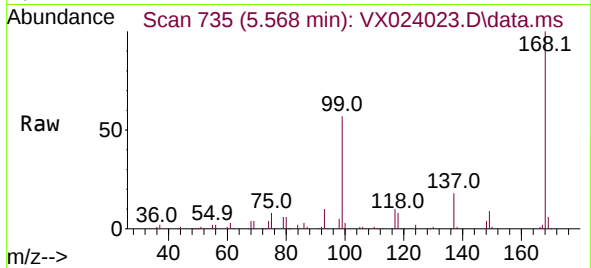




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

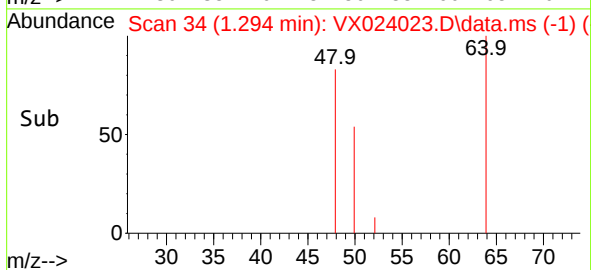
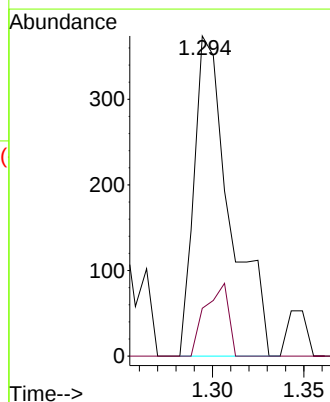
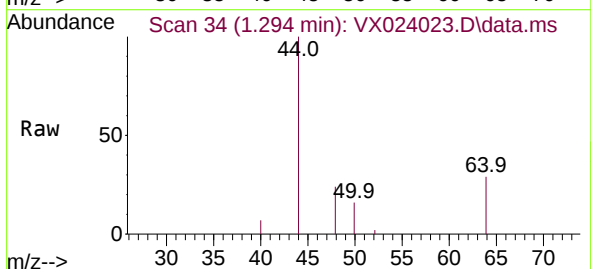
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

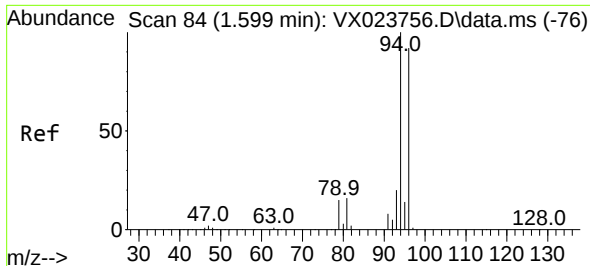
Tgt Ion:168 Resp: 160589
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#3
Chloromethane
Concen: 0.275 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 15.0 26.4 39.6#

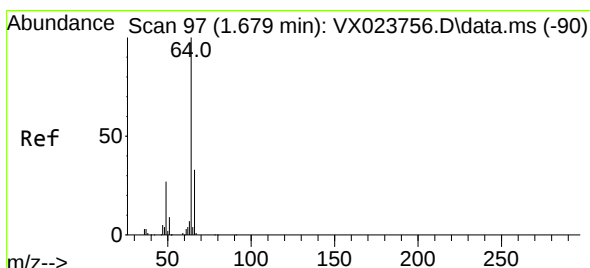
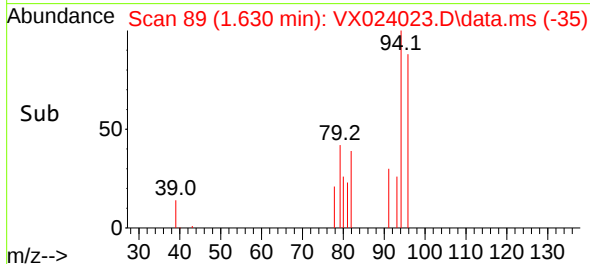
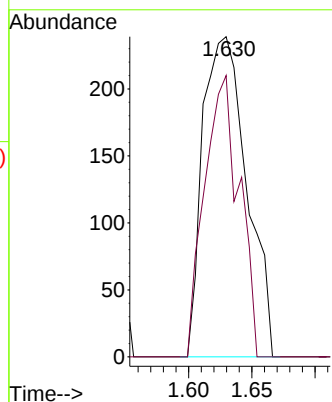
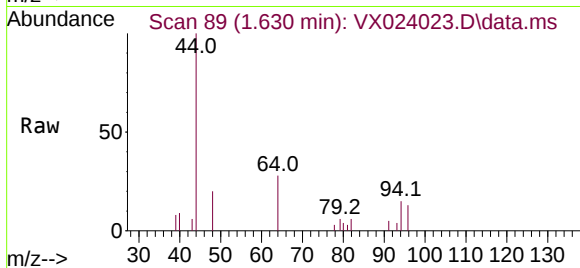




#5
Bromomethane
Concen: 0.508 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

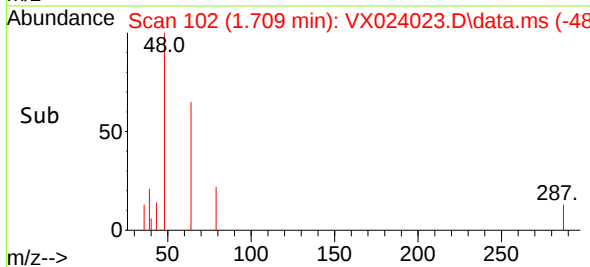
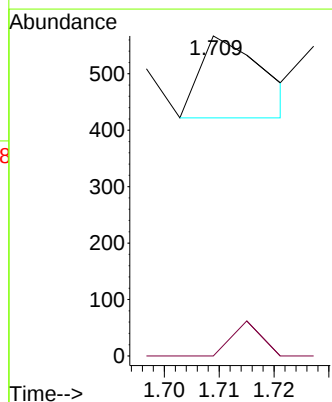
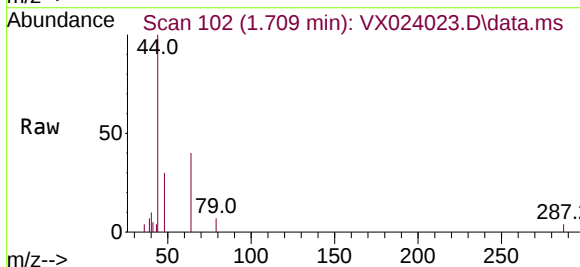
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

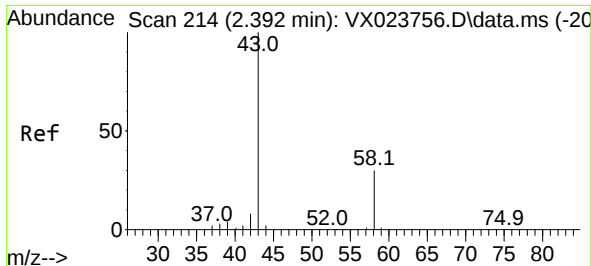
Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 87.9 76.4 114.6



#6
Chloroethane
Concen: 2.291 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

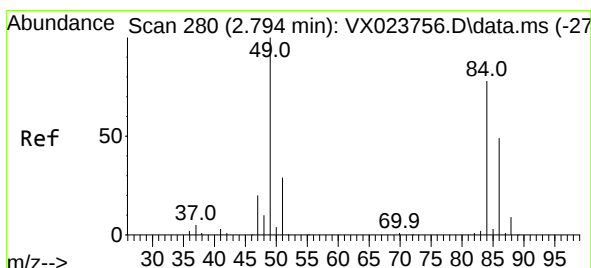
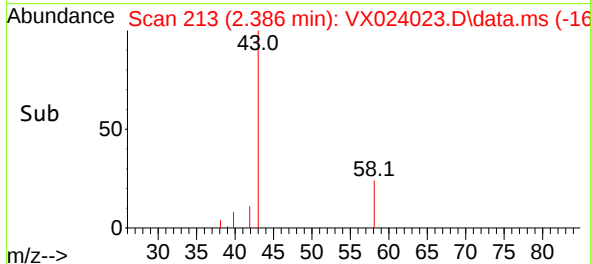
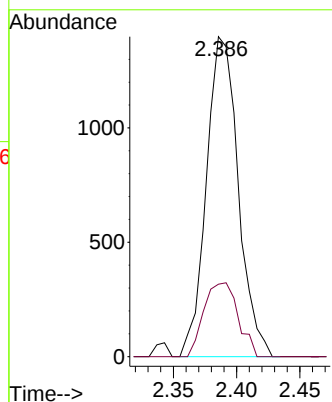
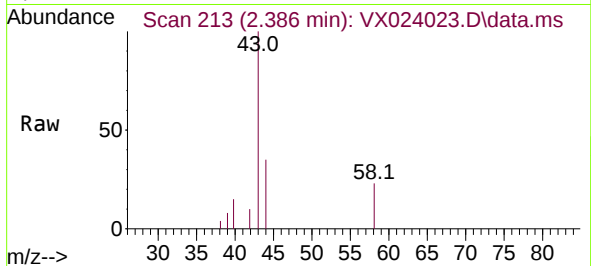




#16
Acetone
Concen: 2.450 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

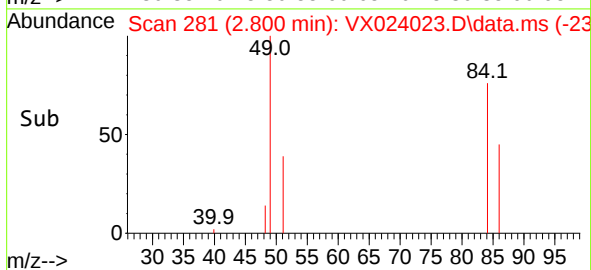
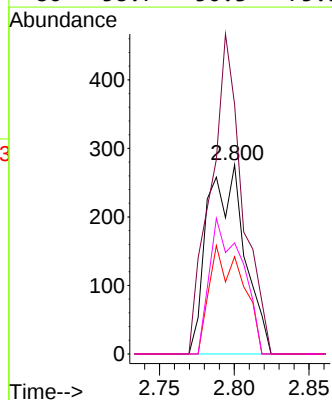
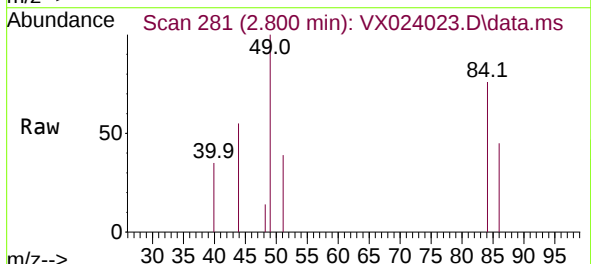
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

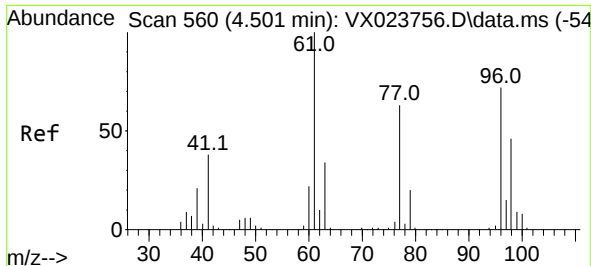
Tgt Ion: 43 Resp: 2455
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion: 84 Resp: 479
Ion Ratio Lower Upper
84 100
49 131.9 88.6 132.8
51 51.4 27.0 40.6#
86 58.7 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.523 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.006 min

Lab File: VX024023.D

Acq: 30 Aug 2021 18:38

Tgt Ion: 96 Resp: 1025

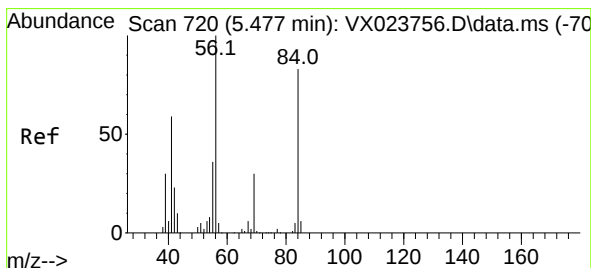
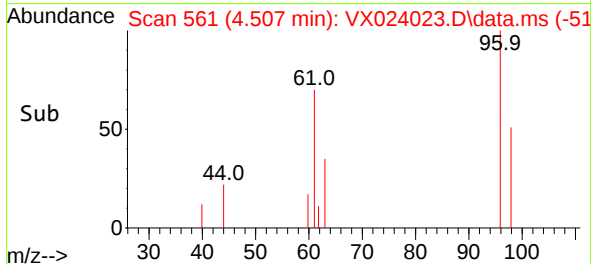
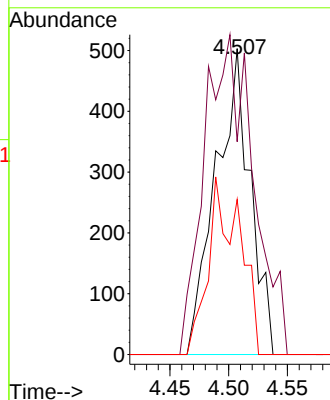
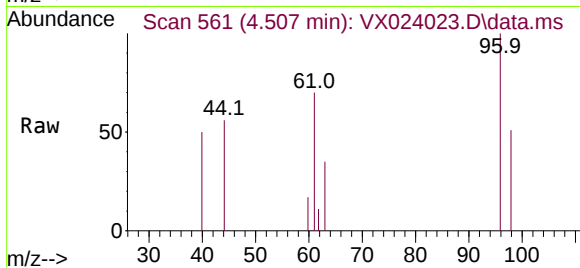
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	285.6
98	52.9	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5N-20210827



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 5.562 min Scan# 734

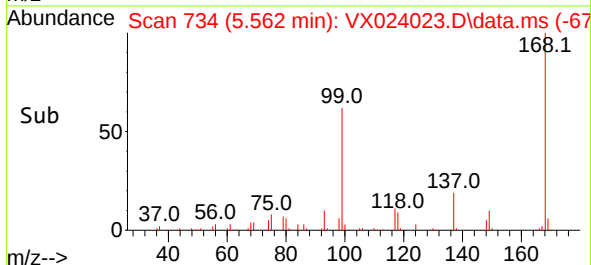
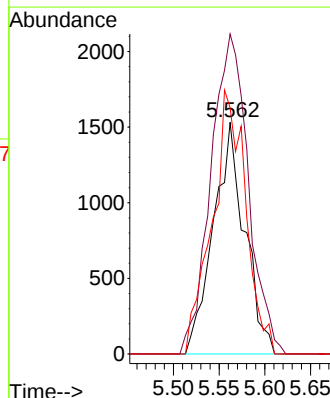
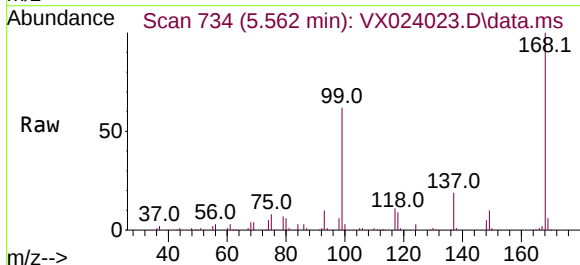
Delta R.T. 0.085 min

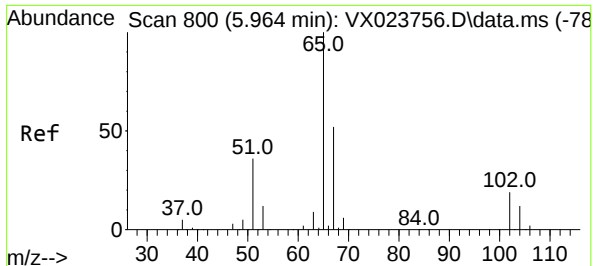
Lab File: VX024023.D

Acq: 30 Aug 2021 18:38

Tgt Ion: 56 Resp: 3654

Ion	Ratio	Lower	Upper
56	100		
69	138.1	25.3	37.9#
84	106.2	71.4	107.0

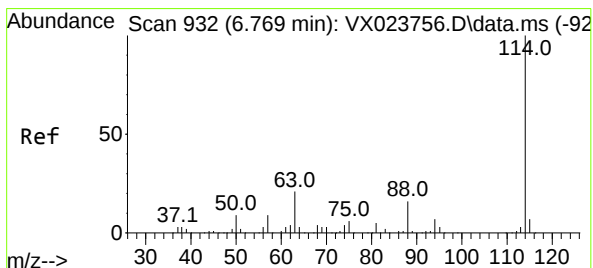
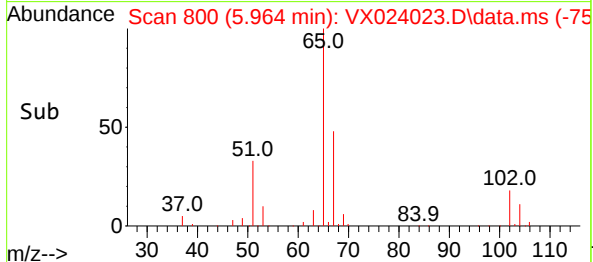
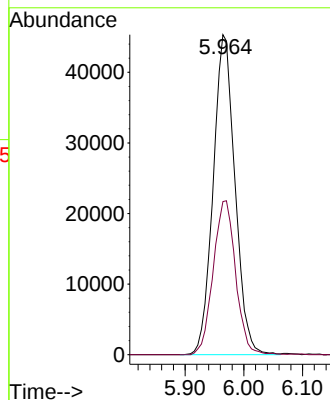
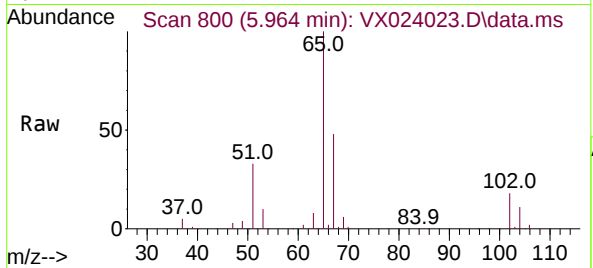




#33
 1,2-Dichloroethane-d4
 Concen: 52.238 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024023.D
 Acq: 30 Aug 2021 18:38

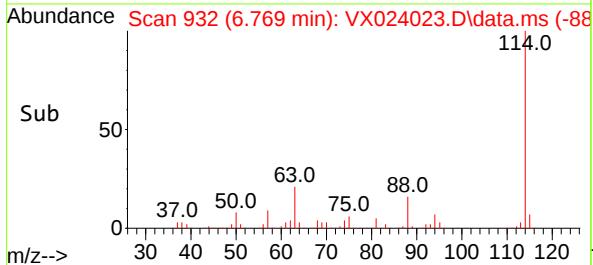
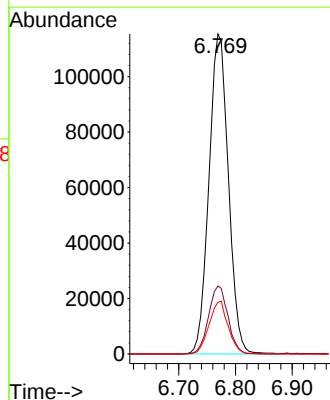
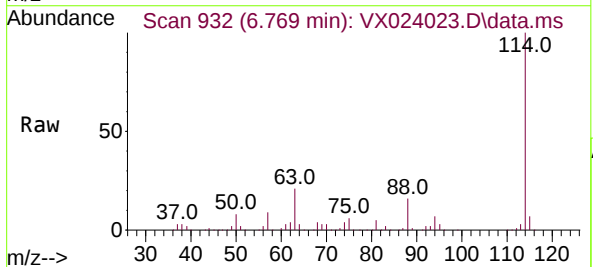
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210827

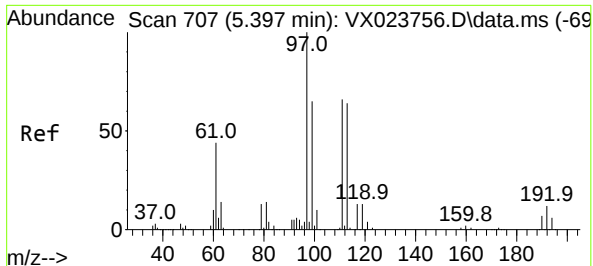
Tgt Ion: 65 Resp: 117082
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX024023.D
 Acq: 30 Aug 2021 18:38

Tgt Ion: 114 Resp: 274692
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.031 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024023.D

Acq: 30 Aug 2021 18:38

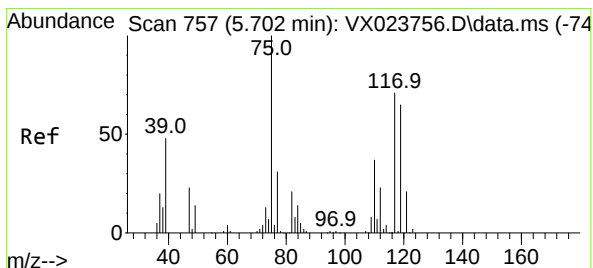
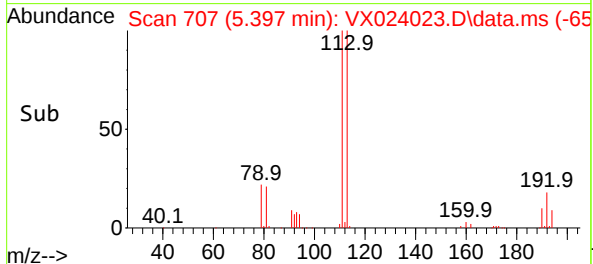
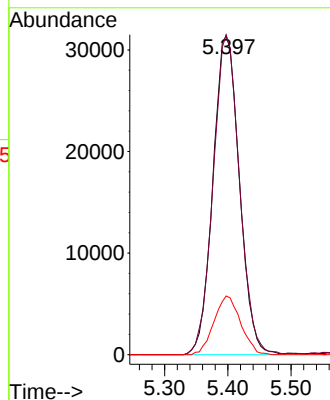
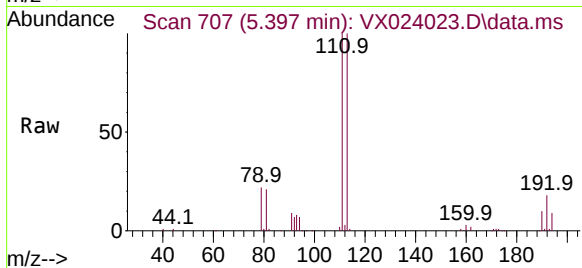
Tgt Ion:113 Resp: 90963

Ion Ratio Lower Upper

113 100

111 99.9 81.9 122.9

192 18.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.206 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024023.D

Acq: 30 Aug 2021 18:38

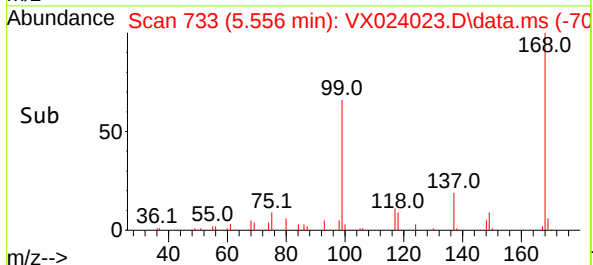
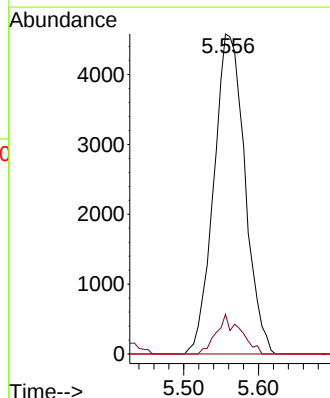
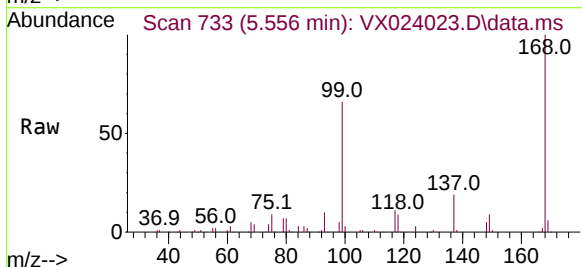
Tgt Ion: 75 Resp: 13244

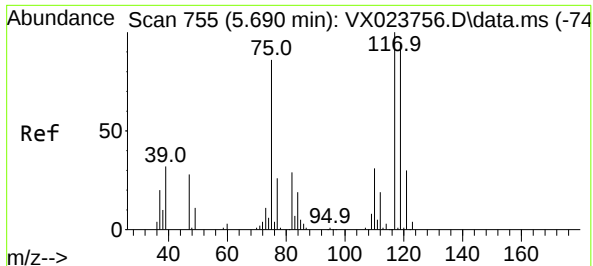
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

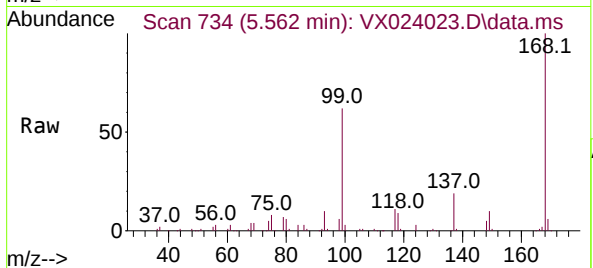
77 0.0 25.3 37.9#



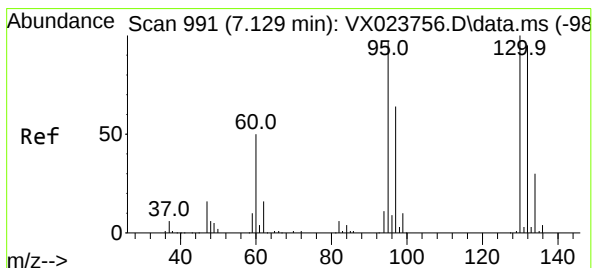
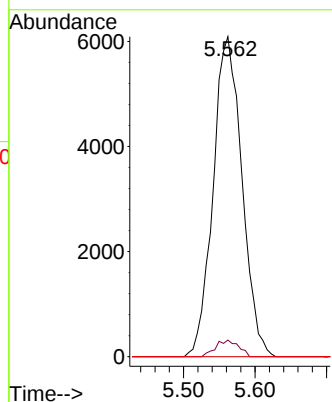
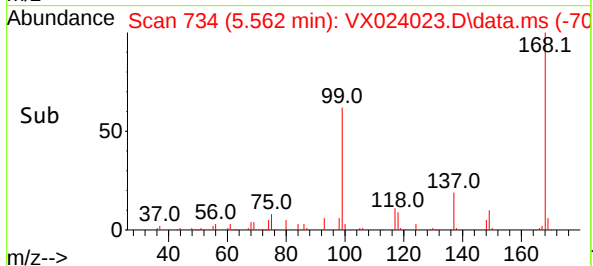


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

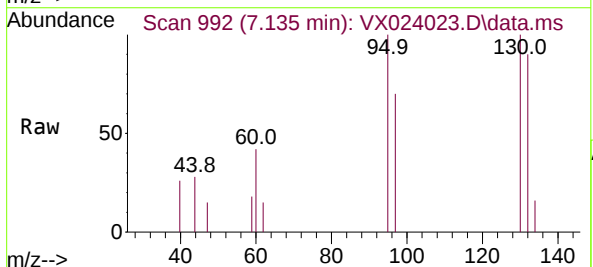
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827



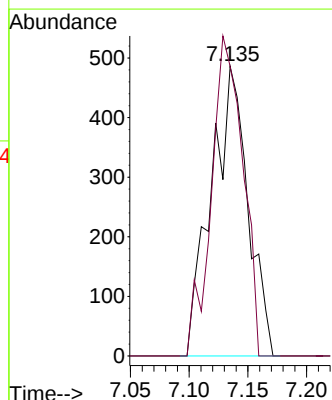
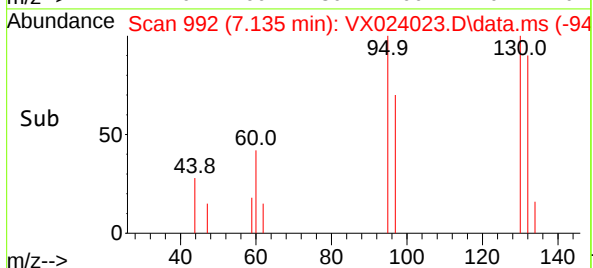
Tgt Ion:117 Resp: 17053
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

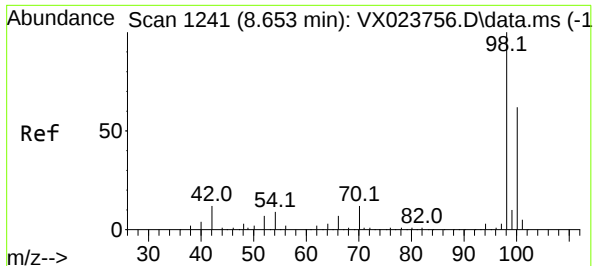


#44
Trichloroethene
Concen: 0.509 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38



Tgt Ion:130 Resp: 1058
Ion Ratio Lower Upper
130 100
95 100.0 0.0 198.0

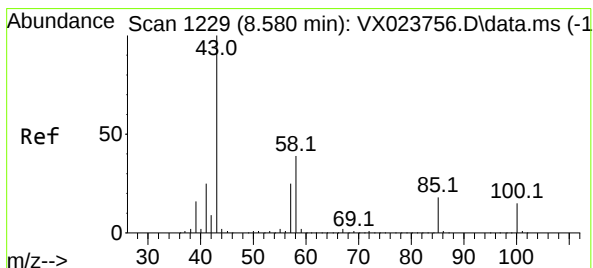
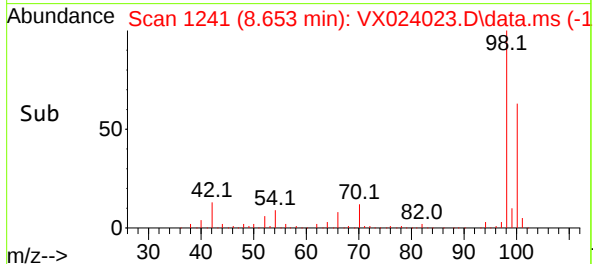
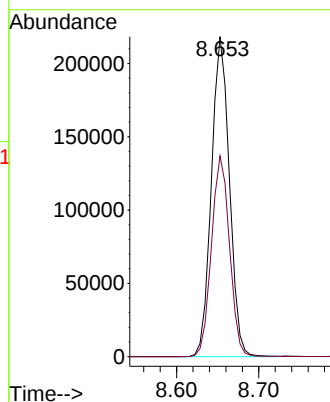
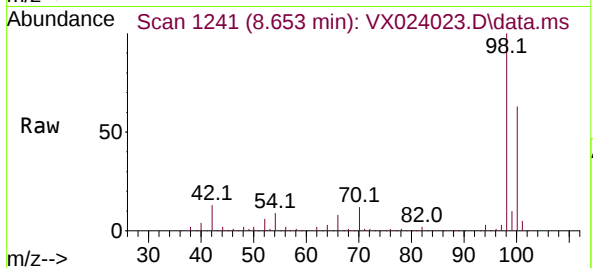




#50
Toluene-d8
Concen: 47.966 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

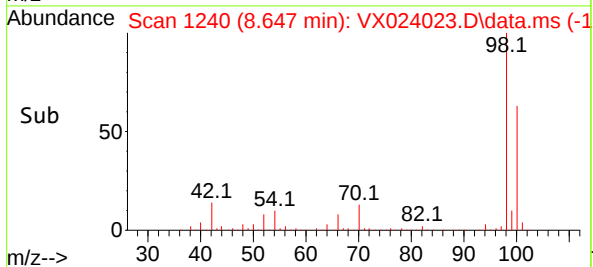
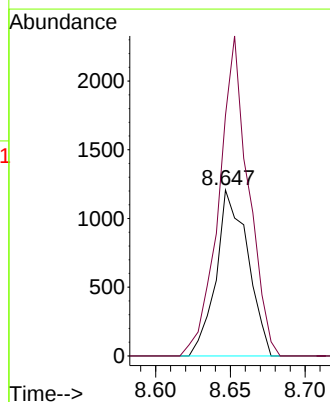
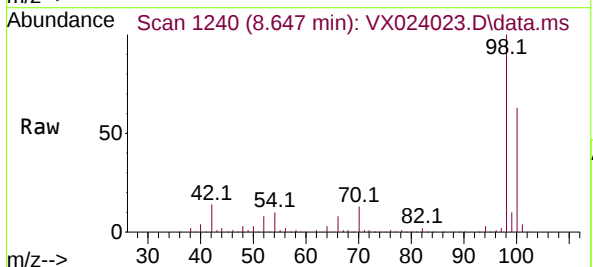
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

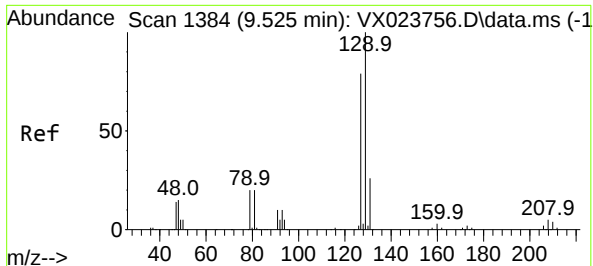
Tgt Ion: 98 Resp: 331917
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 180.2 35.4 53.0#

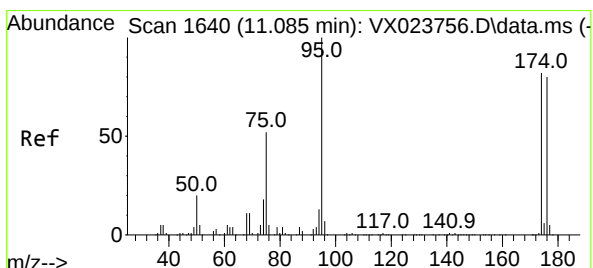
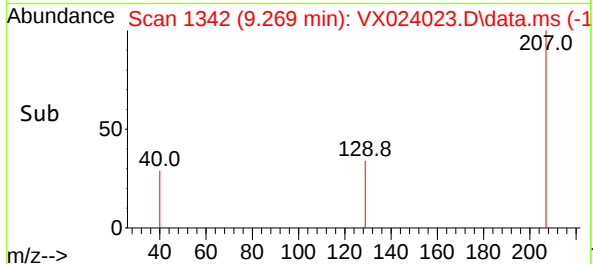
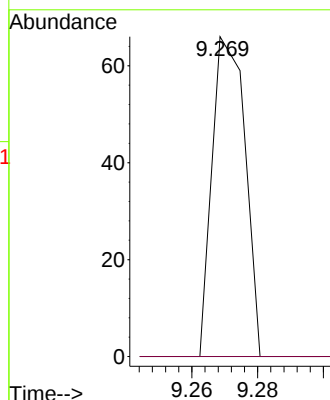
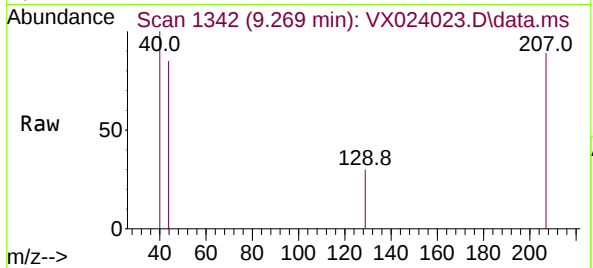




#60
Dibromochloromethane
Concen: 1.708 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

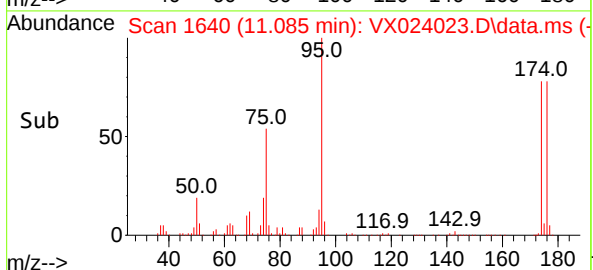
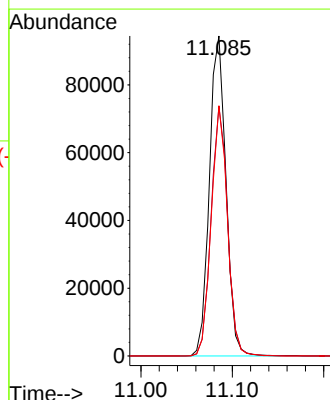
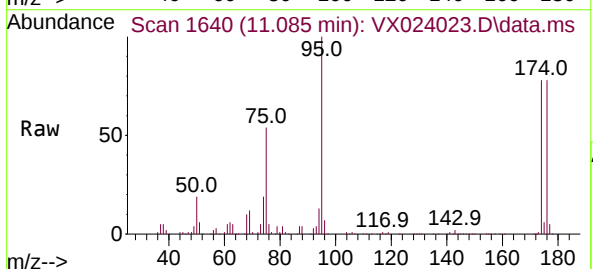
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

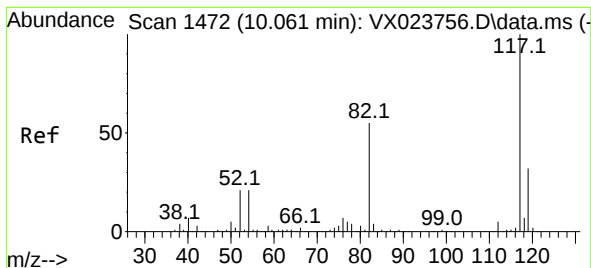
Tgt Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.598 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion: 95 Resp: 118702
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 76.4 0.0 155.8

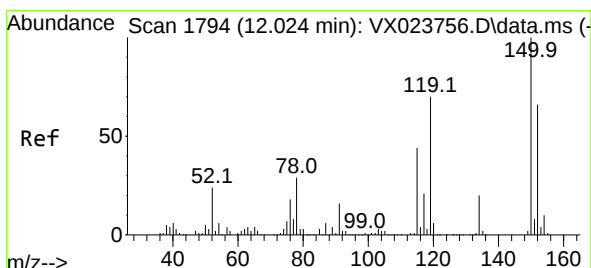
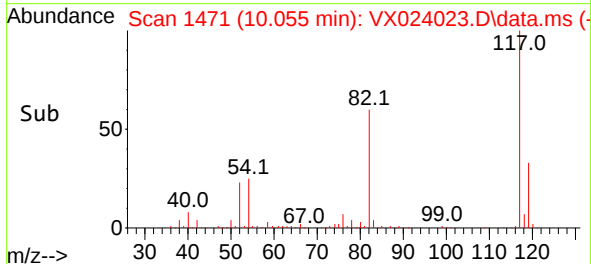
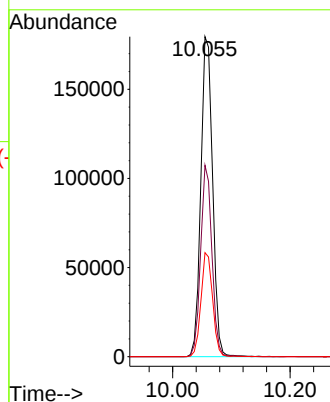
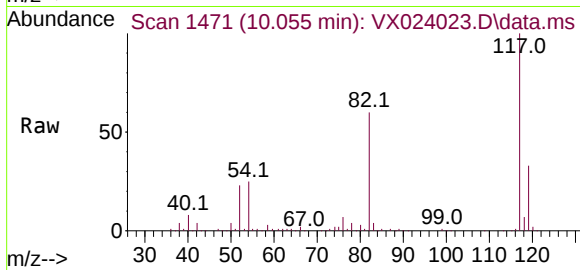




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

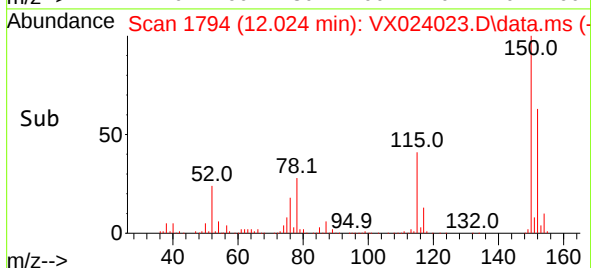
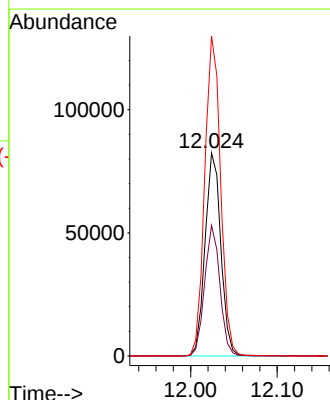
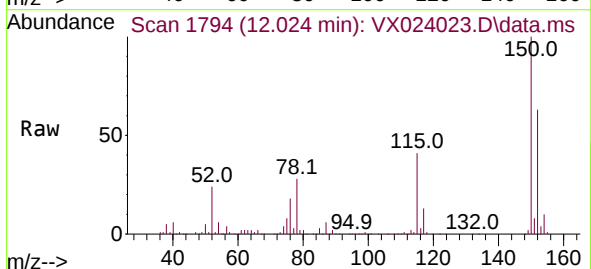
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

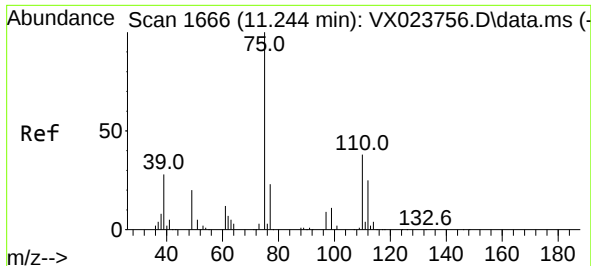
Tgt Ion:117 Resp: 248772
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Tgt Ion:152 Resp: 104238
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 158.5 0.0 349.0

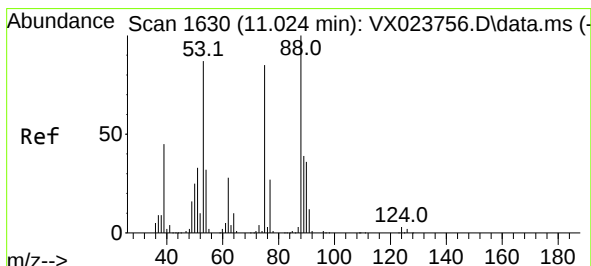
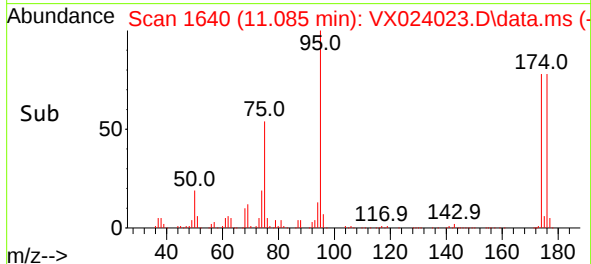
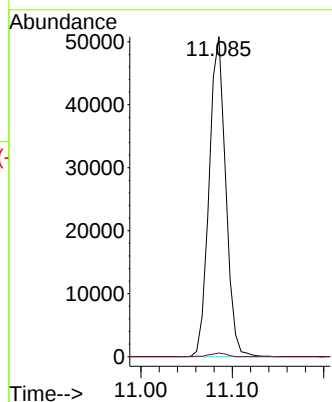
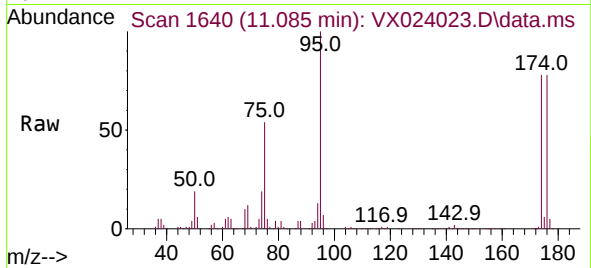




#76
1,2,3-Trichloropropane
Concen: 26.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

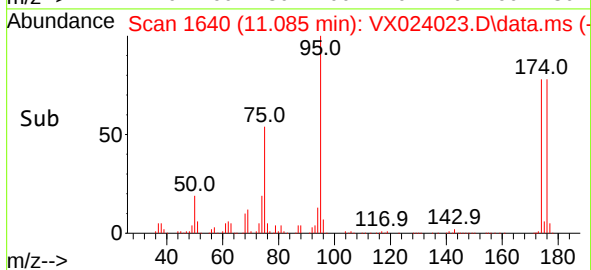
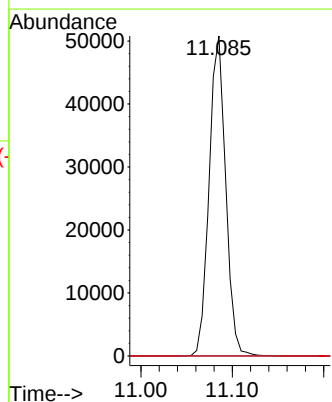
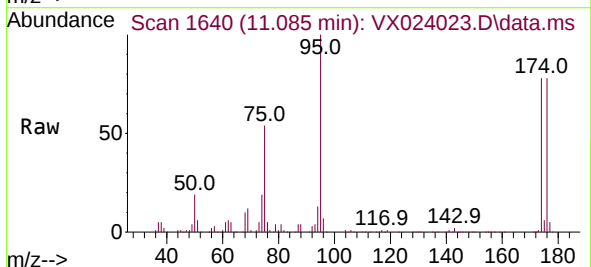
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827

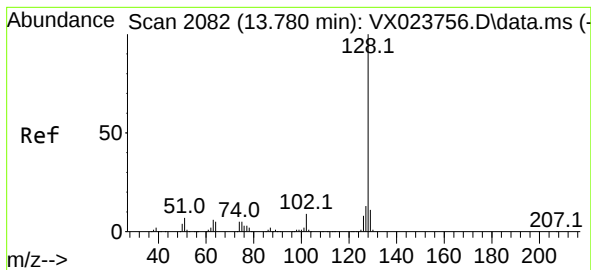
Tgt Ion: 75 Resp: 63822
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.206 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

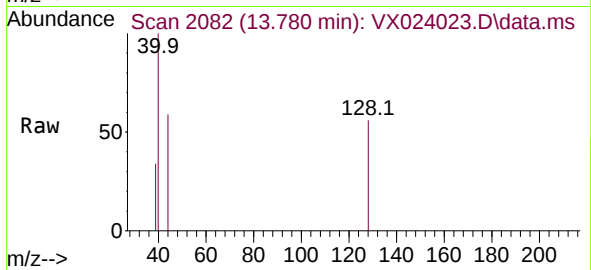
Tgt Ion: 75 Resp: 63822
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.288 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024023.D
Acq: 30 Aug 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210827



Tgt Ion:	128	Resp:	40
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

