

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038994.D
 Acq On : 21 Nov 2023 18:53
 Operator : JC/MD
 Sample : 05407-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20231114

Quant Time: Nov 22 03:24:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83924	54.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.580%
35) Dibromofluoromethane	5.391	113	64891	44.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.000%
50) Toluene-d8	8.647	98	255102	45.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.460%#
62) 4-Bromofluorobenzene	11.079	95	110851	49.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%

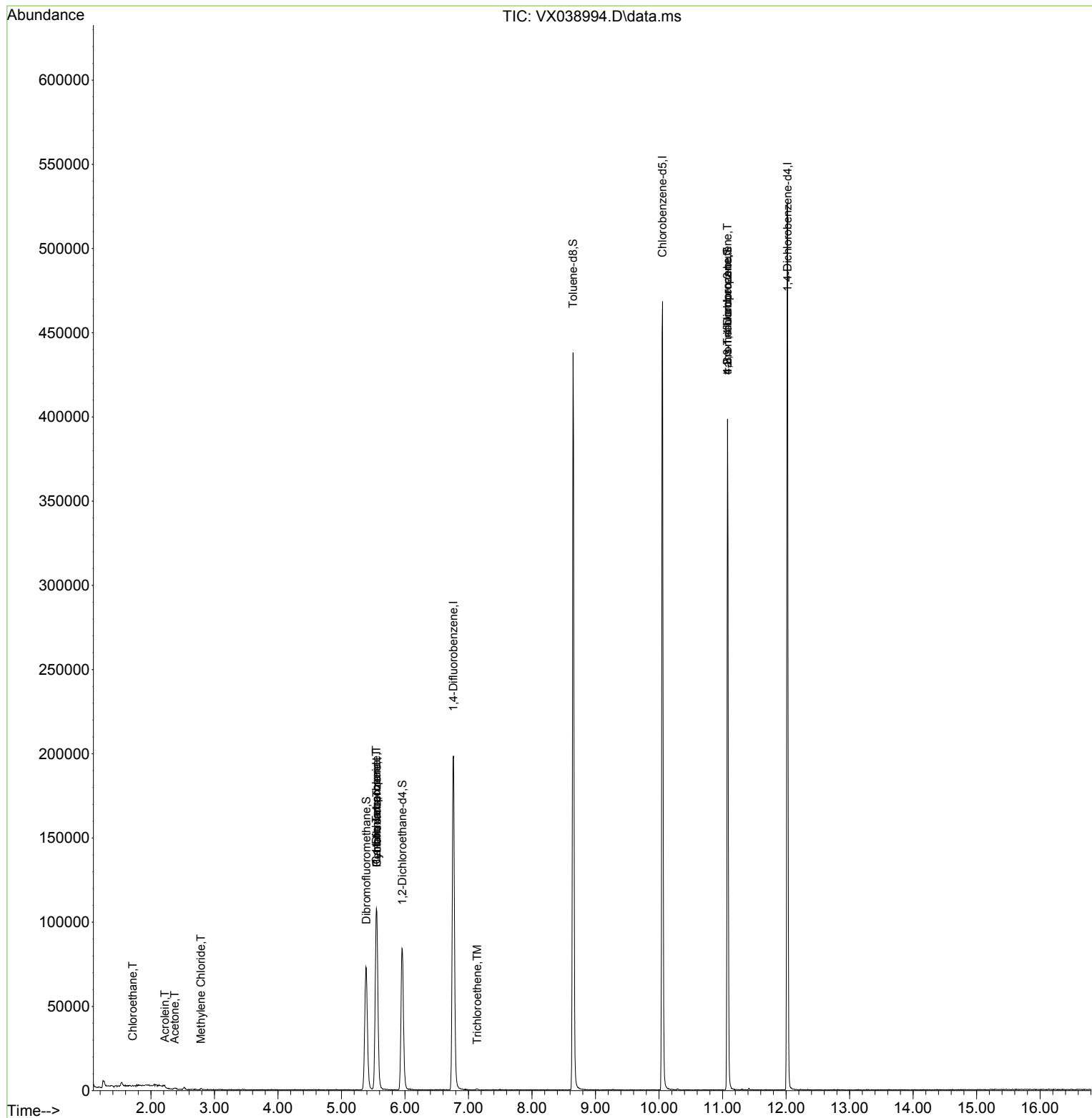
Target Compounds					Qvalue	
6) Chloroethane	1.715	64	270	0.336	ug/l #	43
13) Acrolein	2.221	56	80	0.352	ug/l #	1
16) Acetone	2.373	43	1154	1.402	ug/l	100
20) Methylene Chloride	2.788	84	352	0.237	ug/l #	85
31) Cyclohexane	5.556	56	2595	1.176	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	9762	4.671	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10980	5.685	ug/l #	15
44) Trichloroethene	7.135	130	319	0.212	ug/l	50
76) 1,2,3-Trichloropropane	11.079	75	59507	22.925	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59507	50.849	ug/l #	5

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

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Quant Title : SW846 8260
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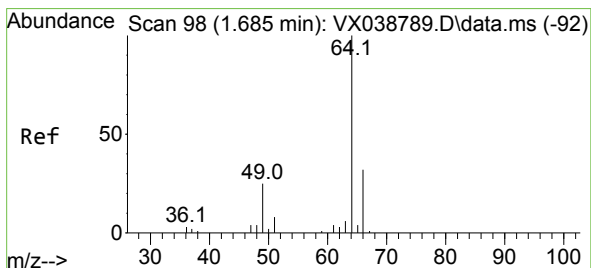
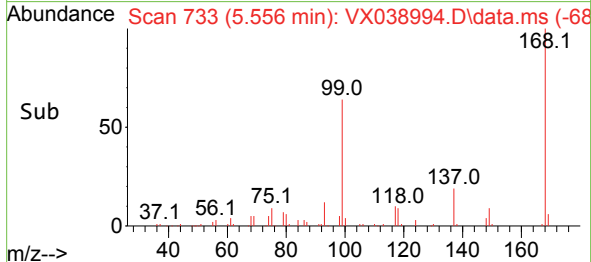
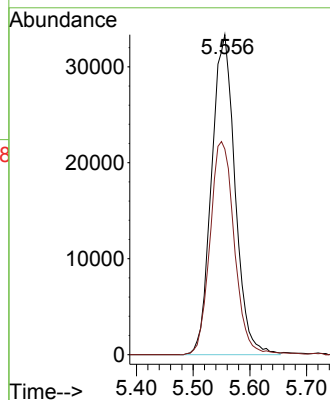
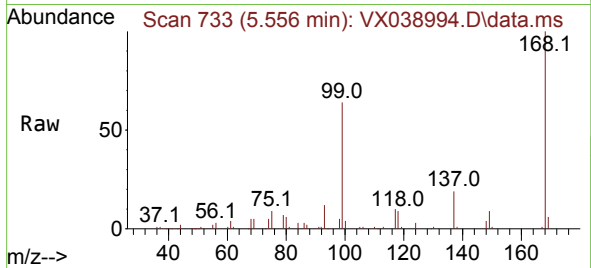




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

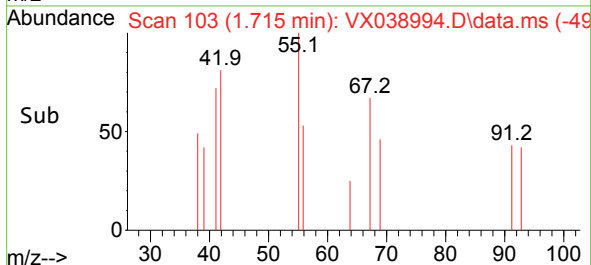
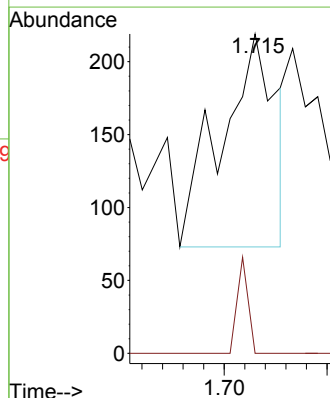
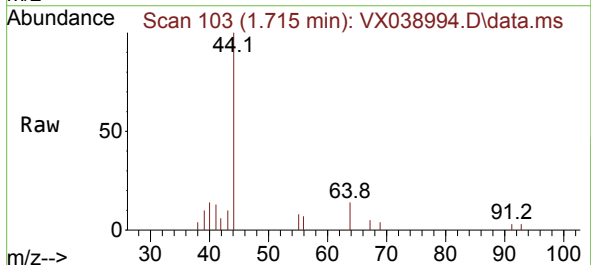
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

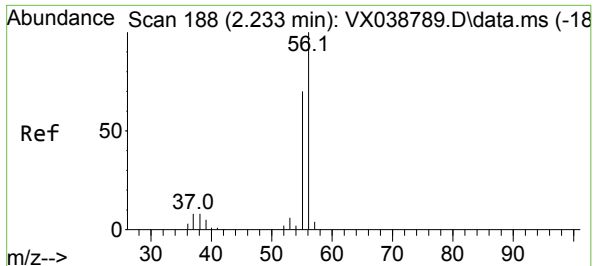
Tgt Ion:168 Resp: 95931
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#6
Chloroethane
Concen: 0.336 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion: 64 Resp: 270
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

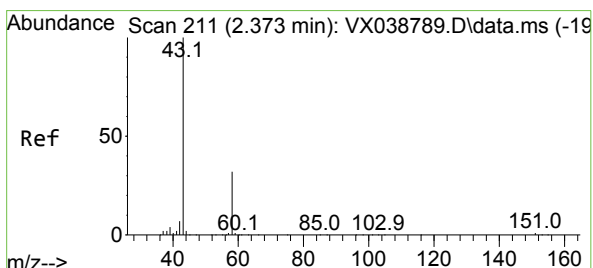
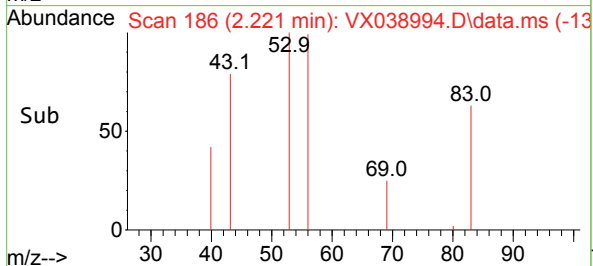
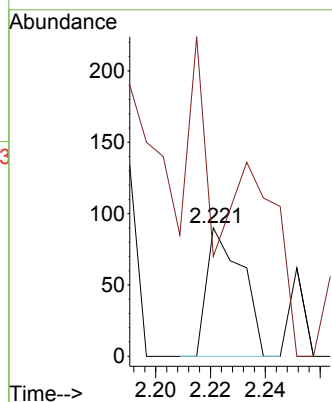
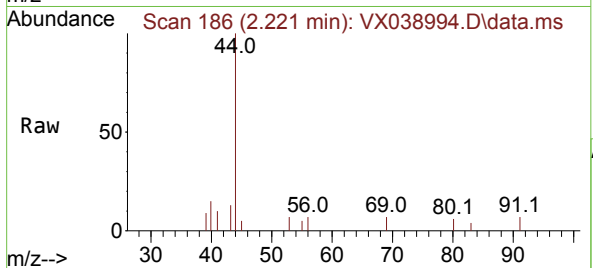




#13
Acrolein
Concen: 0.352 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

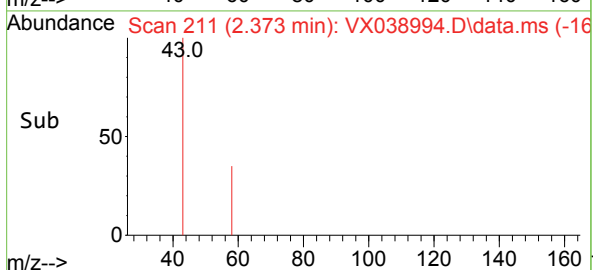
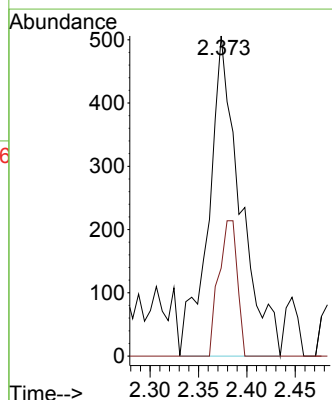
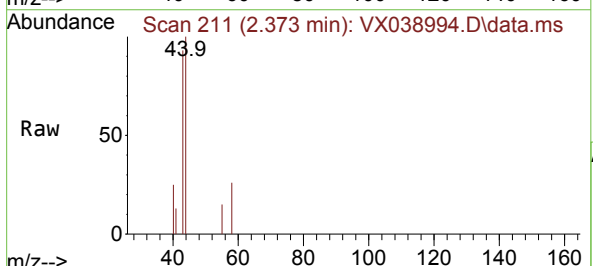
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

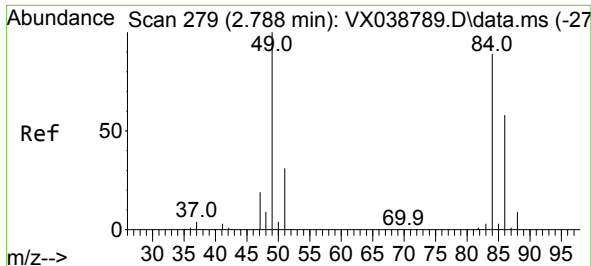
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 161.3 57.1 85.7#



#16
Acetone
Concen: 1.402 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.237 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038994.D

Acq: 21 Nov 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5N-20231114

Tgt Ion: 84 Resp: 352

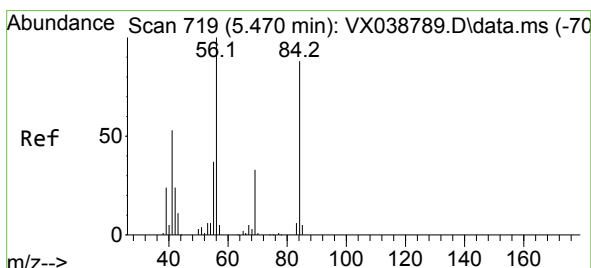
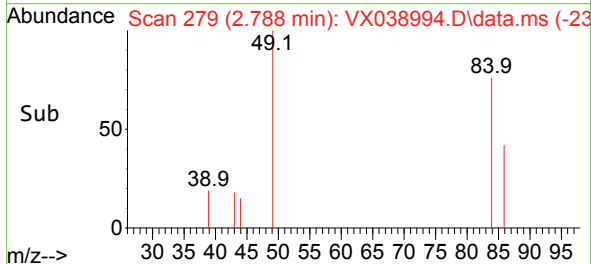
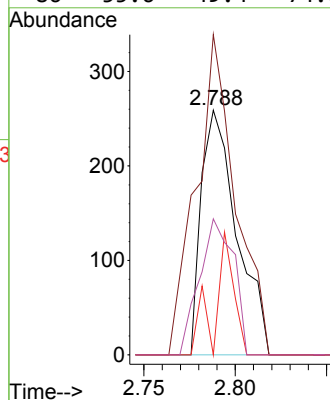
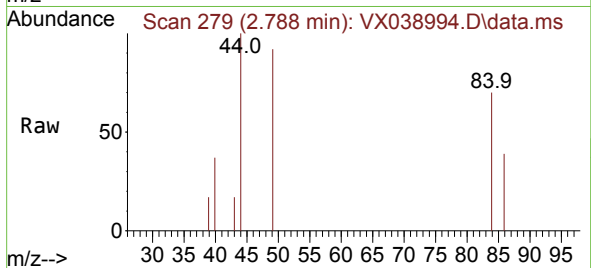
Ion Ratio Lower Upper

84 100

49 130.9 103.6 155.4

51 0.0 33.8 50.6#

86 55.6 49.4 74.0



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038994.D

Acq: 21 Nov 2023 18:53

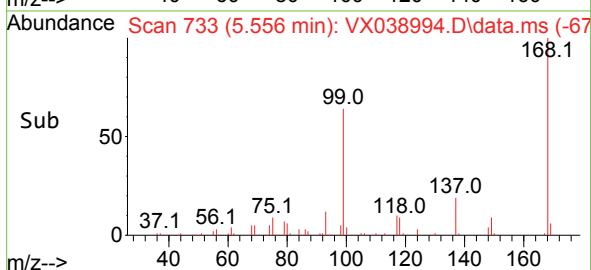
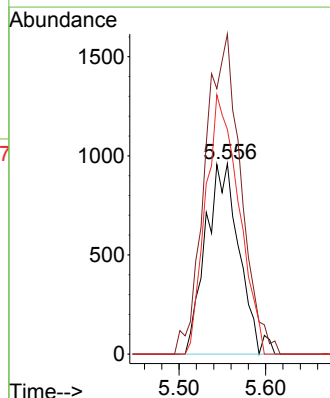
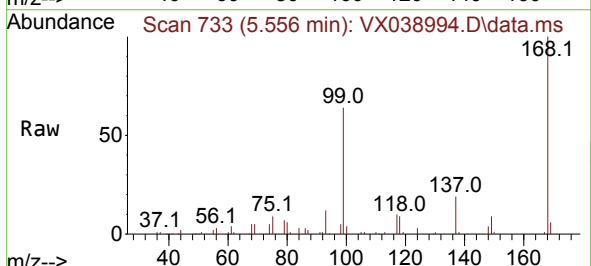
Tgt Ion: 56 Resp: 2595

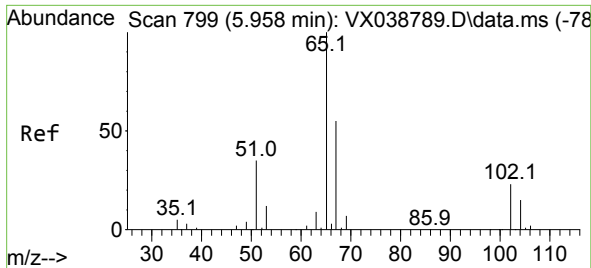
Ion Ratio Lower Upper

56 100

69 168.1 23.4 35.2#

84 117.9 65.9 98.9#

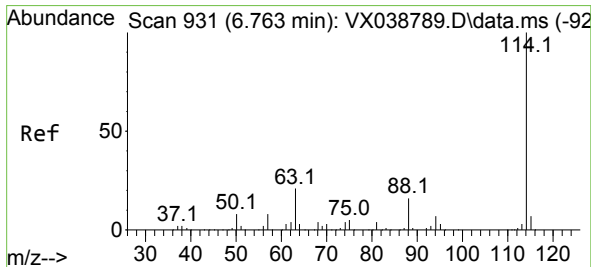
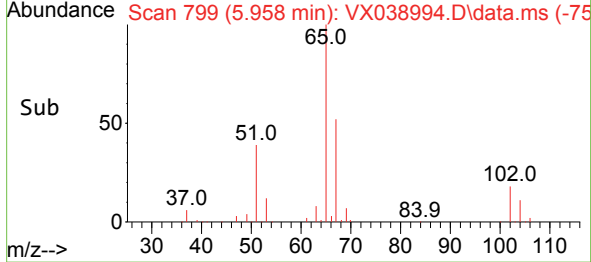
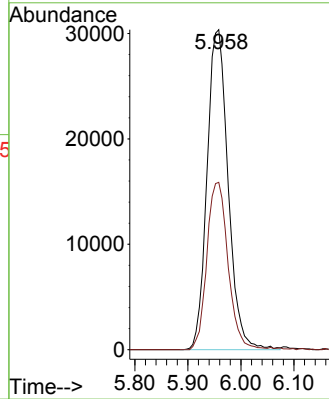
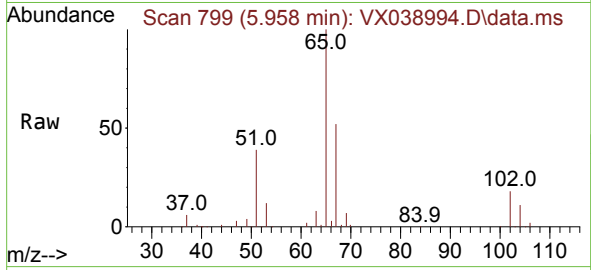




#33
 1,2-Dichloroethane-d4
 Concen: 54.292 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX038994.D
 Acq: 21 Nov 2023 18:53

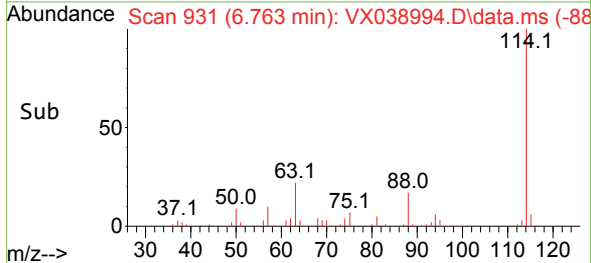
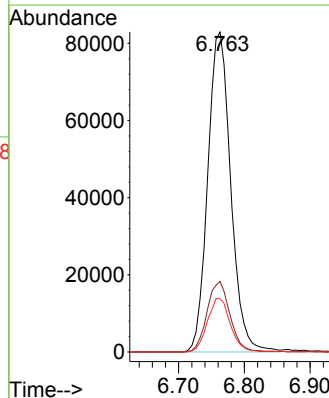
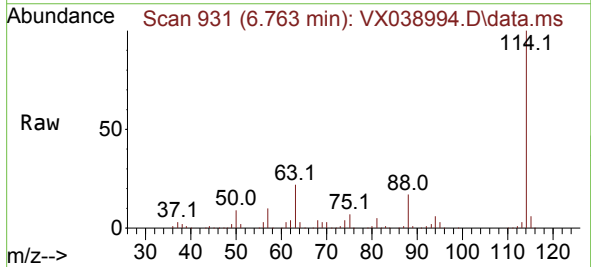
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20231114

Tgt Ion: 65 Resp: 83924
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038994.D
 Acq: 21 Nov 2023 18:53

Tgt Ion: 114 Resp: 201900
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 16.6 0.0 36.6

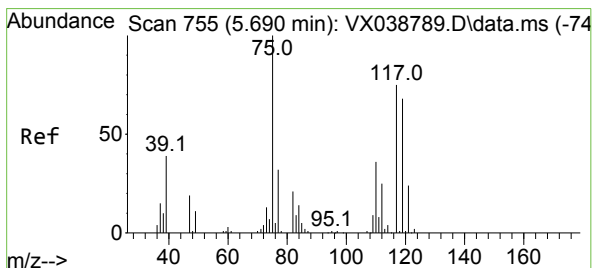
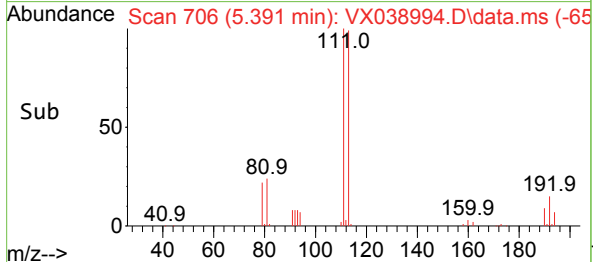
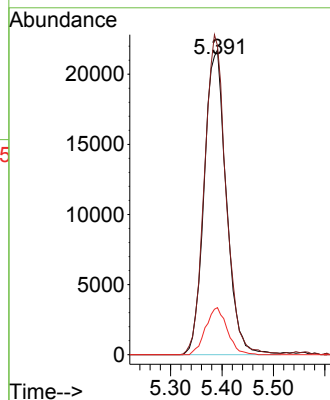
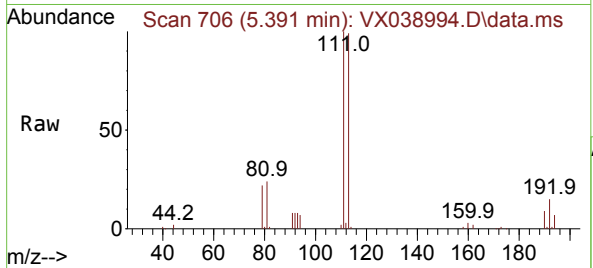




#35
Dibromofluoromethane
Concen: 44.502 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

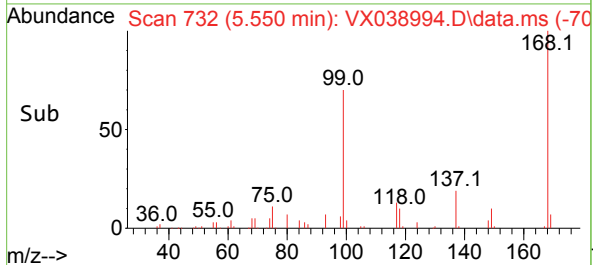
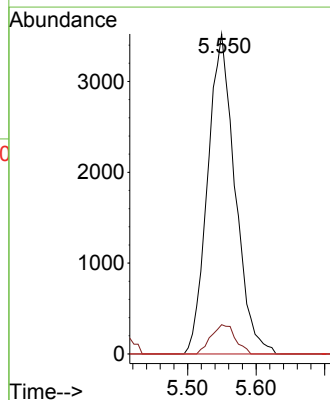
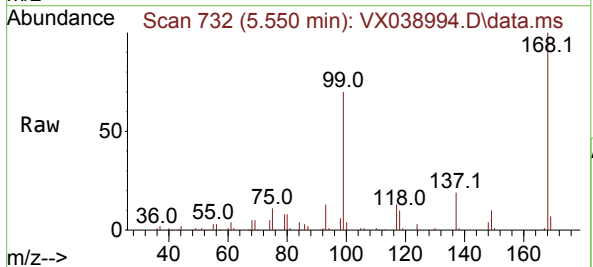
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

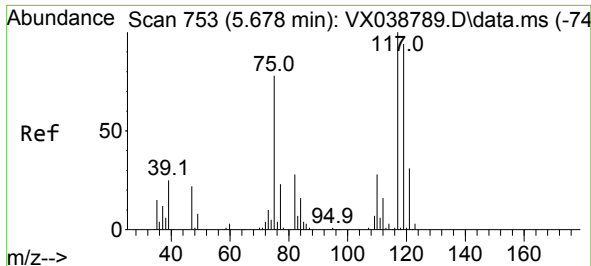
Tgt Ion:113 Resp: 64891
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

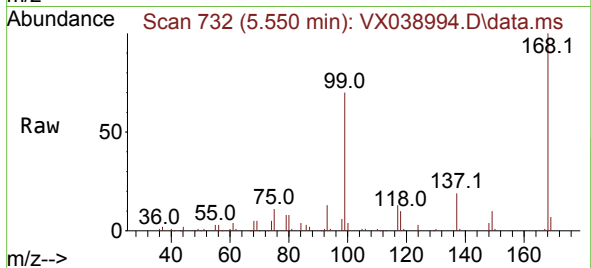
Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



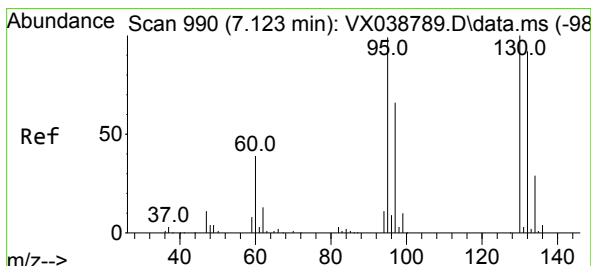
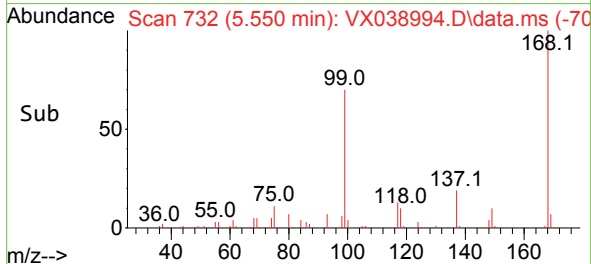
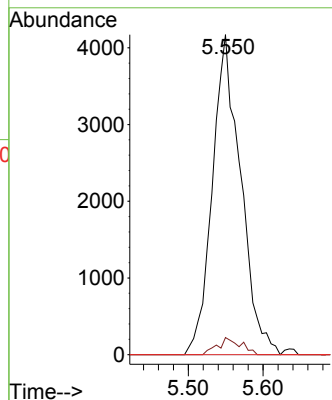


#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Instrument :
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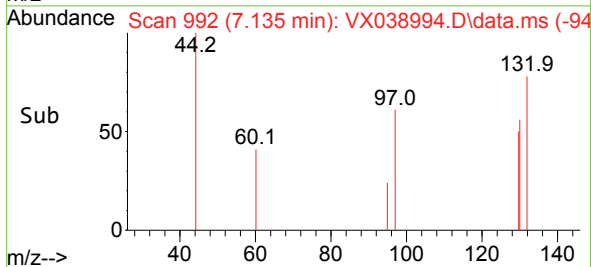
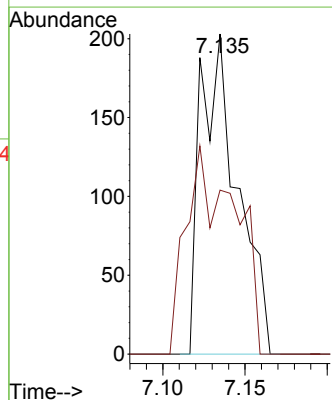
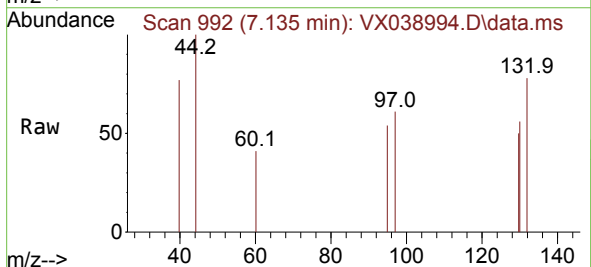


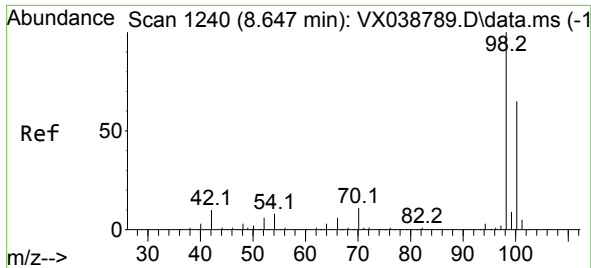
Tgt Ion:117 Resp: 10980
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.212 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion:130 Resp: 319
Ion Ratio Lower Upper
130 100
95 51.2 0.0 204.4

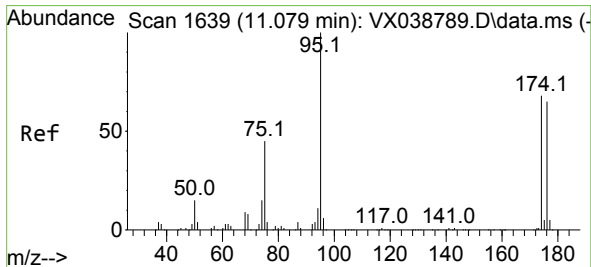
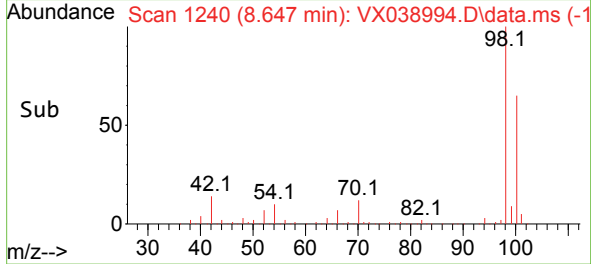
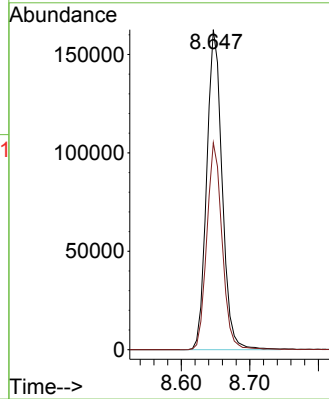
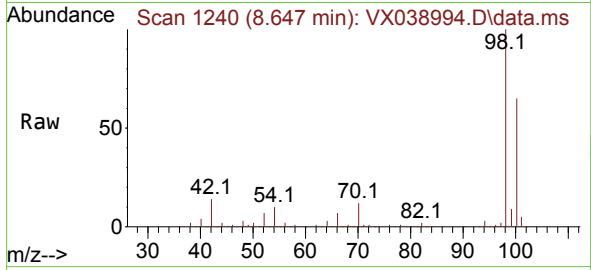




#50
Toluene-d8
Concen: 45.725 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

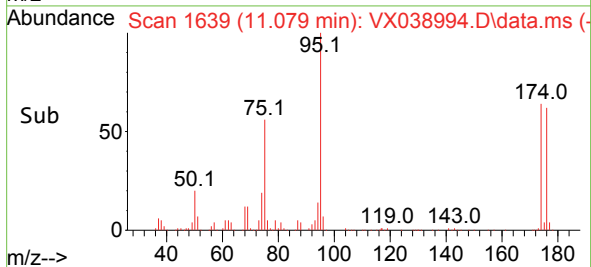
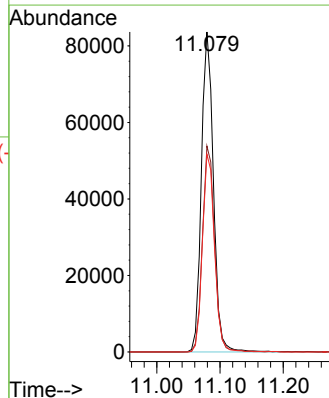
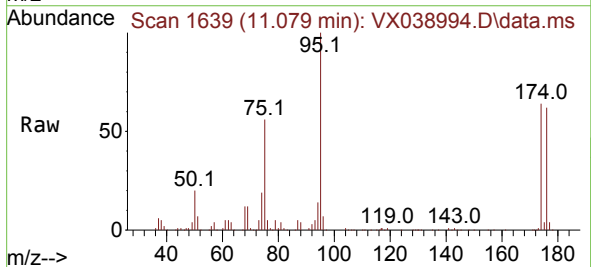
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

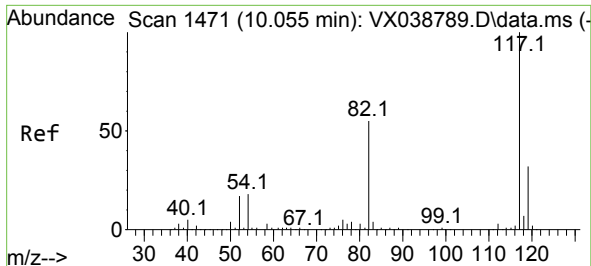
Tgt Ion: 98 Resp: 255102
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion: 95 Resp: 110851
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 62.1 0.0 131.0

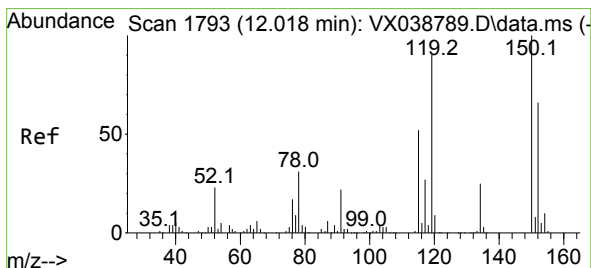
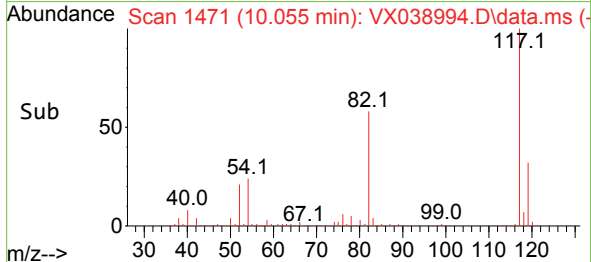
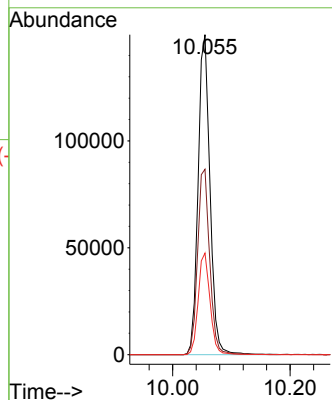
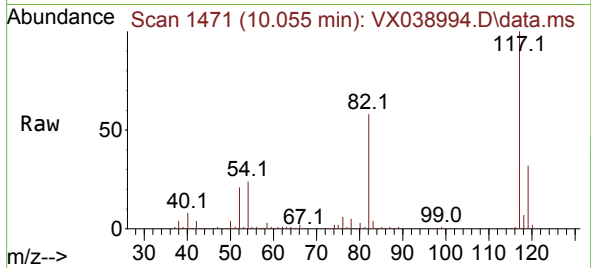




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

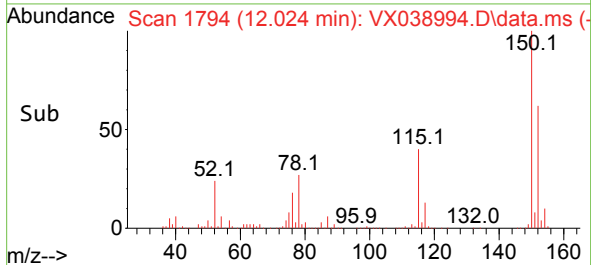
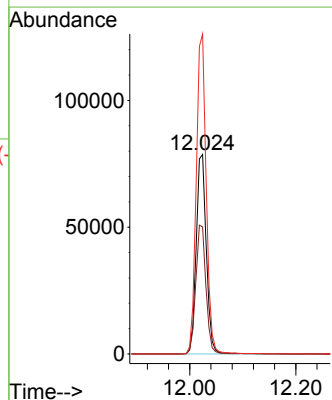
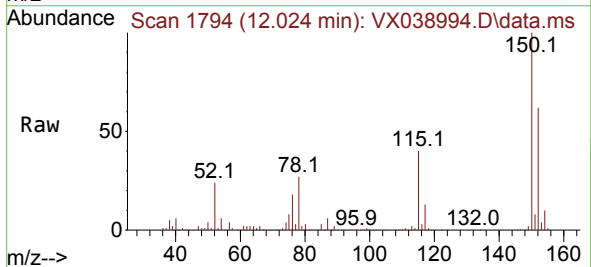
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

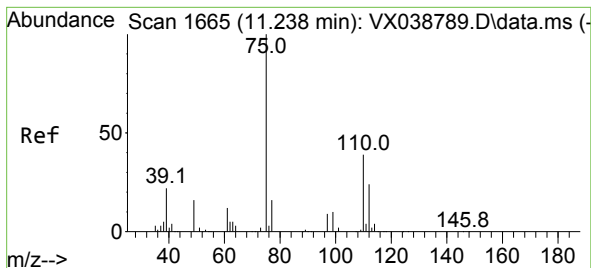
Tgt Ion:117 Resp: 209559
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion:152 Resp: 104039
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.925 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038994.D

Acq: 21 Nov 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

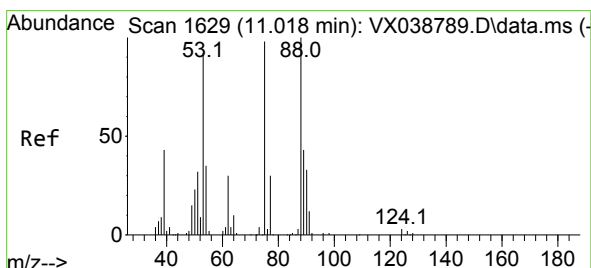
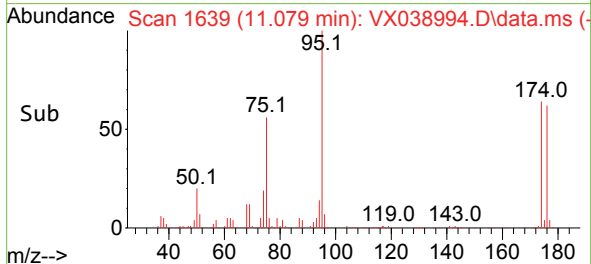
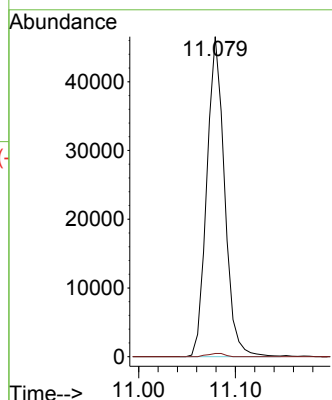
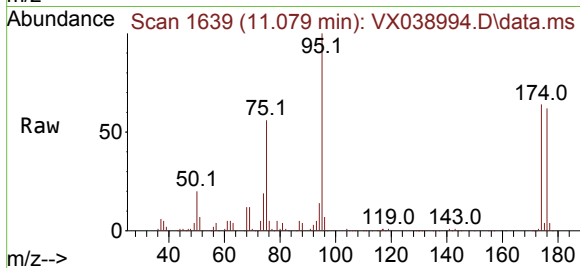
MH-121.5N-20231114

Tgt Ion: 75 Resp: 59507

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.849 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038994.D

Acq: 21 Nov 2023 18:53

Tgt Ion: 75 Resp: 59507

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

