

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038886.D
 Acq On : 17 Nov 2023 17:25
 Operator : JC/MD
 Sample : 05404-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:53:21 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

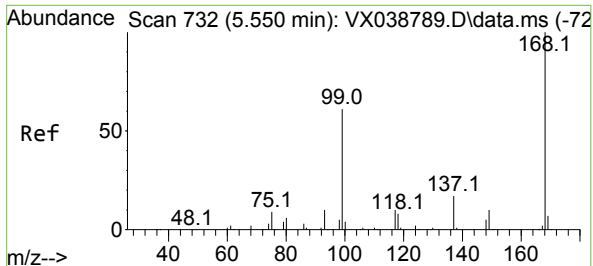
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	120139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91072	47.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	77580	44.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	8.646	98	304944	45.499	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	130483	48.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.324	101	1936	1.305	ug/l	90
11) Tert butyl alcohol	2.946	59	1191	2.212	ug/l	100
12) 1,1-Dichloroethene	2.324	96	740	0.494	ug/l	94
13) Acrolein	2.227	56	252	0.885	ug/l #	14
16) Acetone	2.385	43	786	0.763	ug/l #	59
20) Methylene Chloride	2.788	84	1681	0.905	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	502	0.261	ug/l	57
30) Chloroform	5.098	83	622	0.207	ug/l	93
36) 1,1-Dichloropropene	5.556	75	10863	4.327	ug/l #	51
44) Trichloroethene	7.122	130	182264	100.838	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	67302	21.619	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67302	47.954	ug/l #	5

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

Quant Time: Nov 17 22:53:21 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

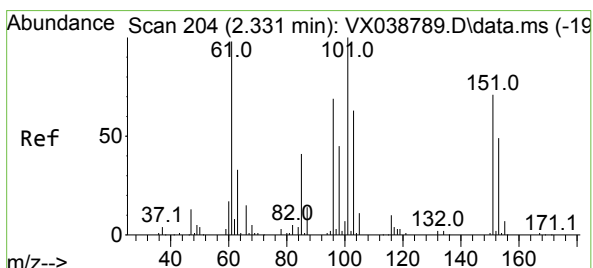
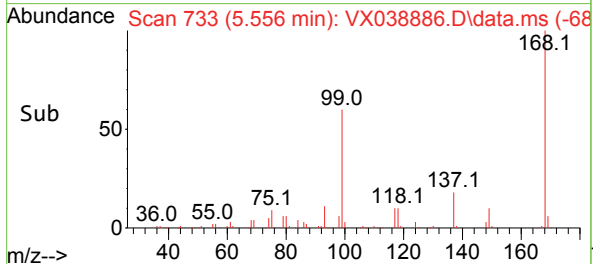
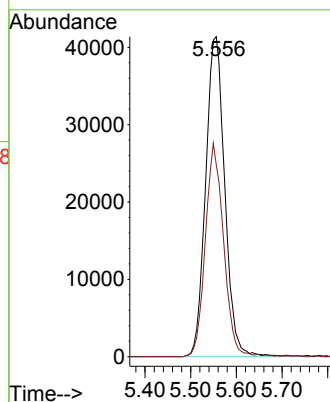
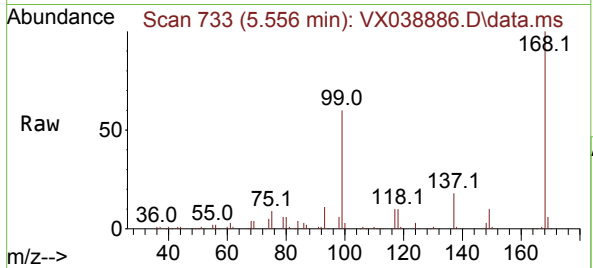




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

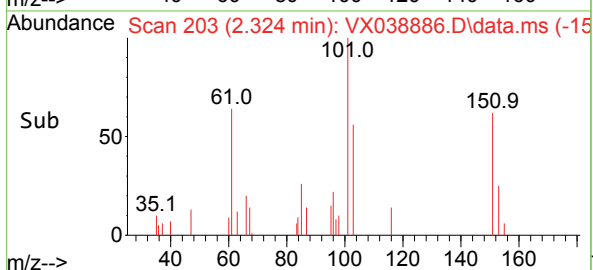
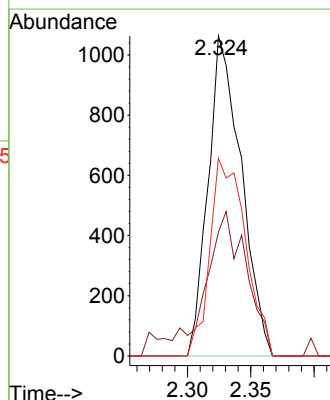
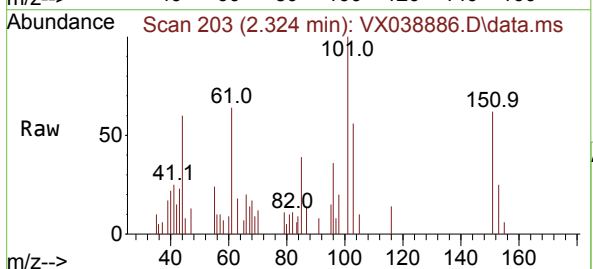
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 120139
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.305 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion:101 Resp: 1936
Ion Ratio Lower Upper
101 100
85 54.4 37.0 55.6
151 66.5 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.212 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038886.D

Acq: 17 Nov 2023 17:25

Instrument :

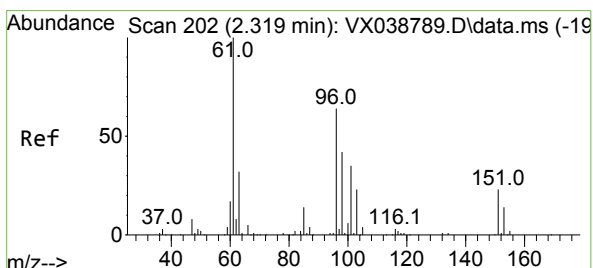
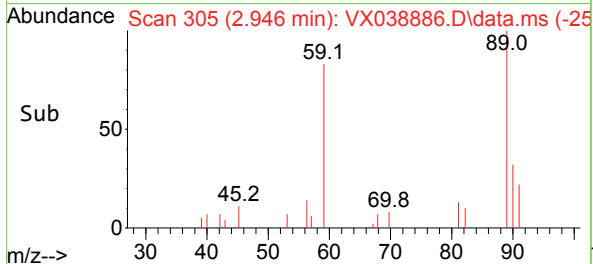
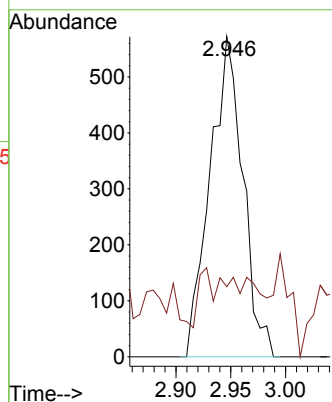
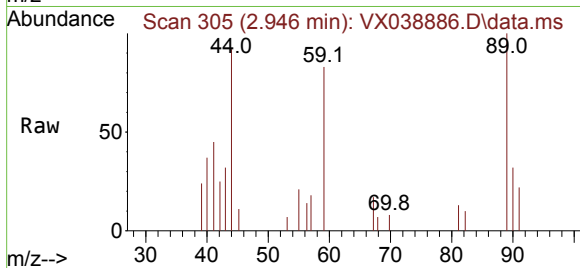
MSVOA_X

ClientSampleId :

Tgt Ion: 59 Resp: 1191

Ion Ratio Lower Upper

59	100		
57	7.6	6.0	9.0



#12

1,1-Dichloroethene

Concen: 0.494 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.006 min

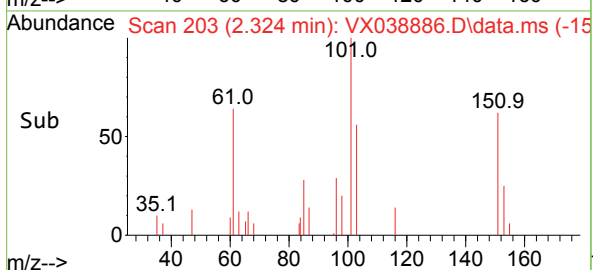
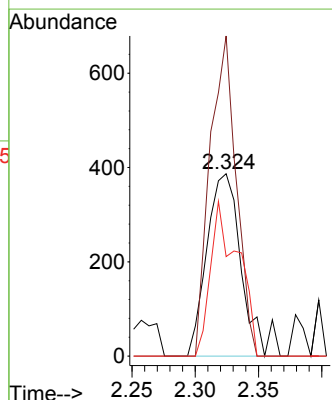
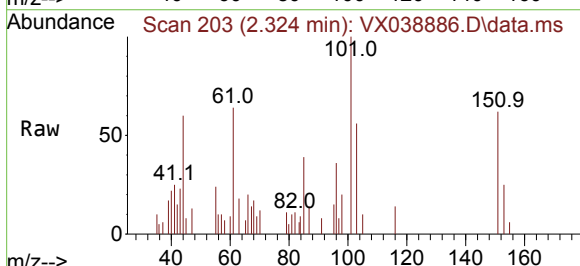
Lab File: VX038886.D

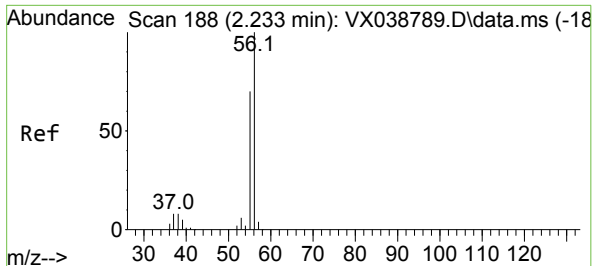
Acq: 17 Nov 2023 17:25

Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96	100		
61	175.5	144.6	216.8
98	54.5	50.4	75.6

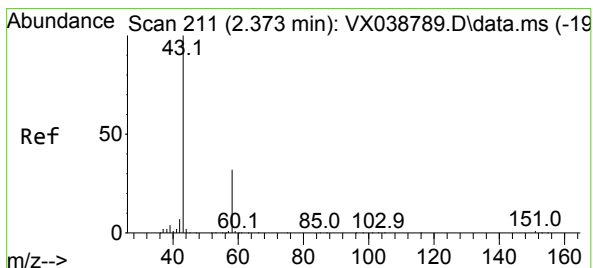
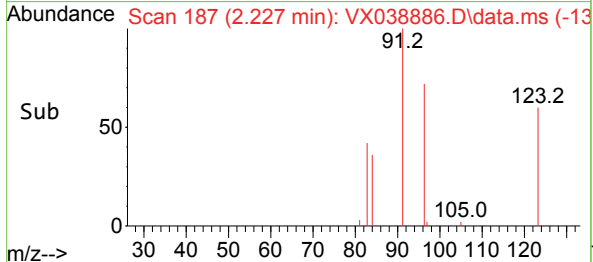
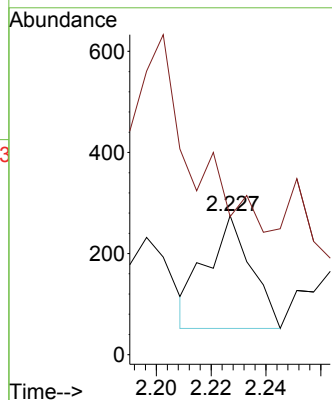
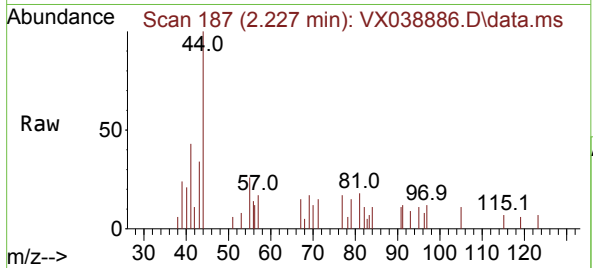




#13
Acrolein
Concen: 0.885 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

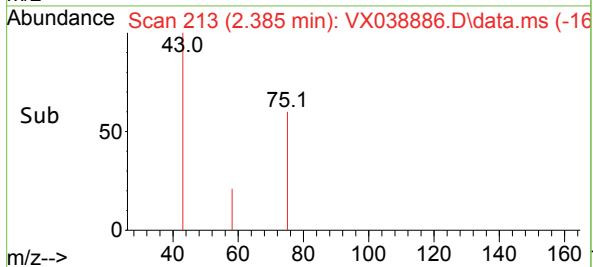
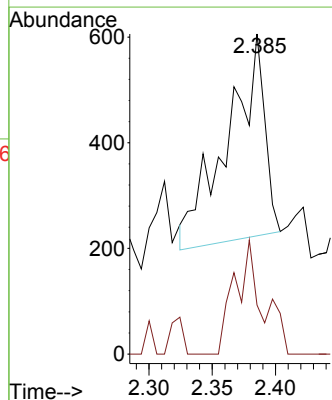
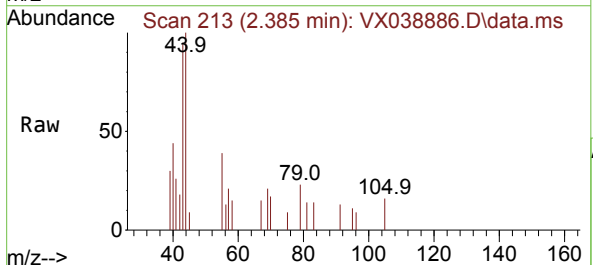
Instrument :
MSVOA_X
ClientSampleId :

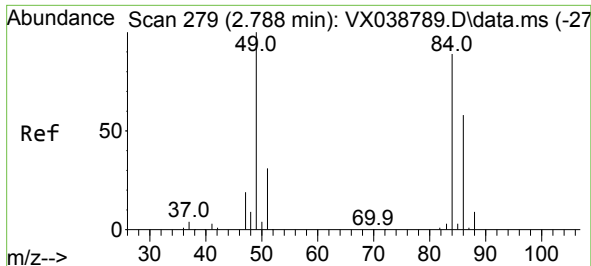
Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.763 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

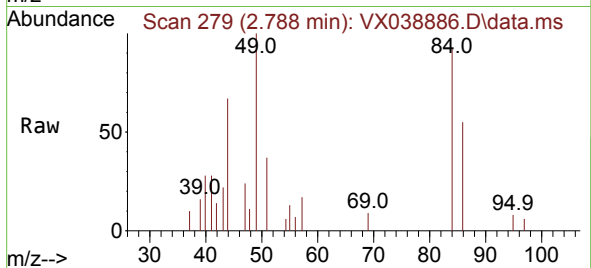
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 6.1 21.9 32.9#



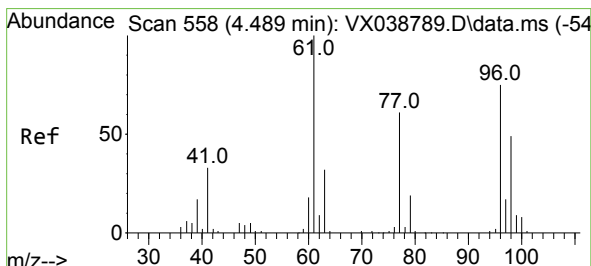
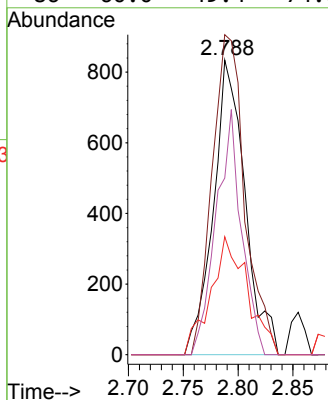
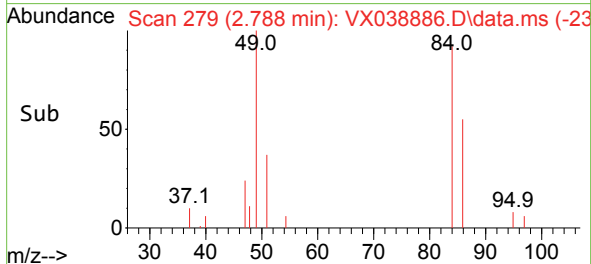


#20
Methylene Chloride
Concen: 0.905 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

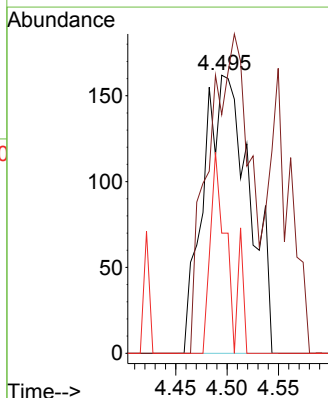
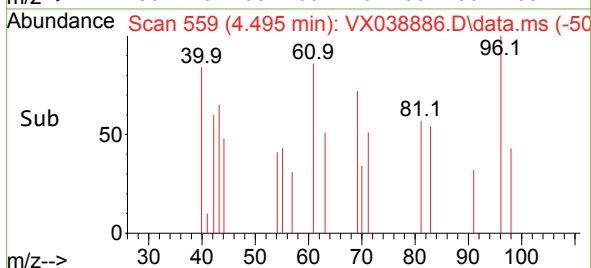
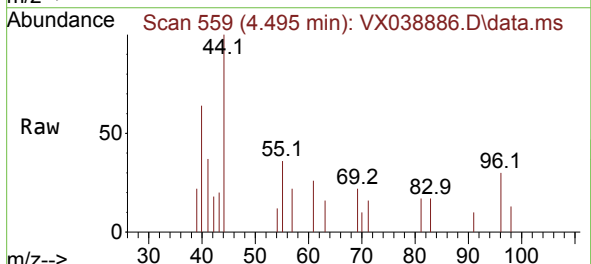


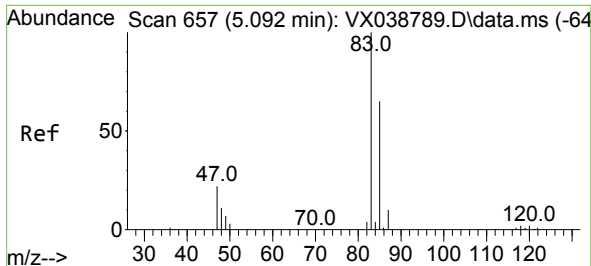
Tgt Ion:	84	Resp:	1681
Ion	Ratio	Lower	Upper
84	100		
49	108.6	103.6	155.4
51	40.0	33.8	50.6
86	60.0	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion:	96	Resp:	502
Ion	Ratio	Lower	Upper
96	100		
61	102.0	0.0	312.2
98	28.1	0.0	129.0

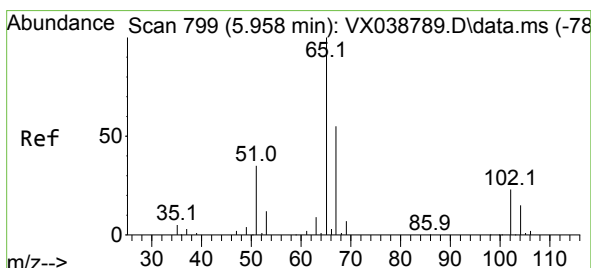
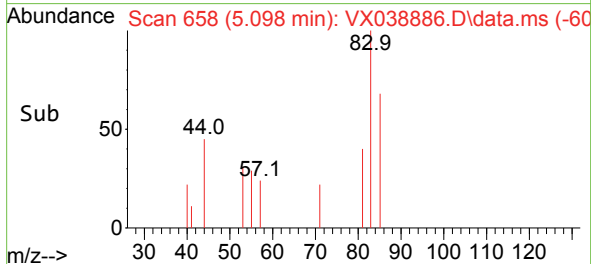
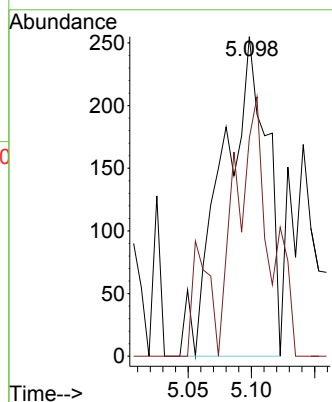
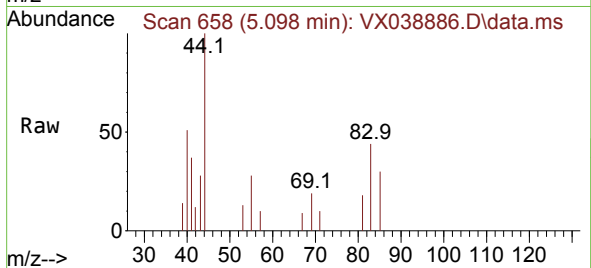




#30
Chloroform
Concen: 0.207 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

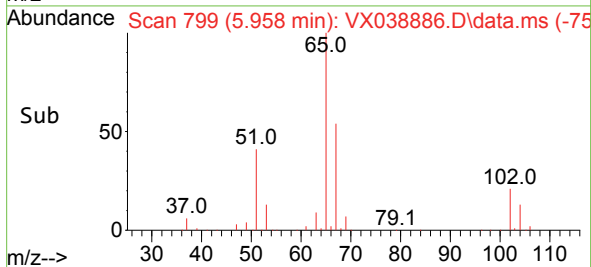
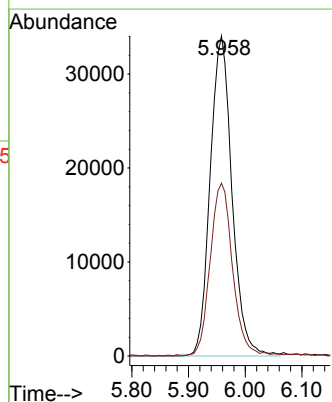
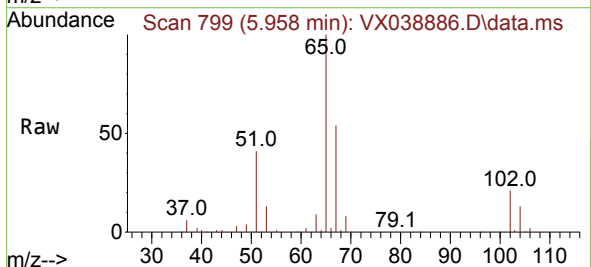
Instrument :
MSVOA_X
ClientSampleId :

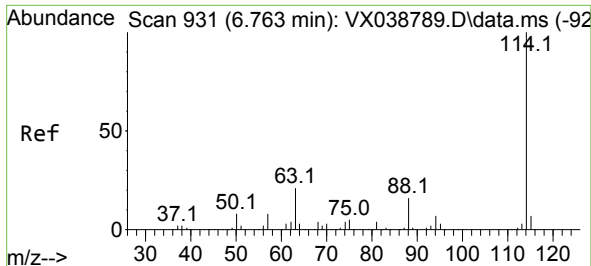
Tgt Ion: 83 Resp: 622
Ion Ratio Lower Upper
83 100
85 68.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.045 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion: 65 Resp: 91072
Ion Ratio Lower Upper
65 100
67 55.7 0.0 100.2

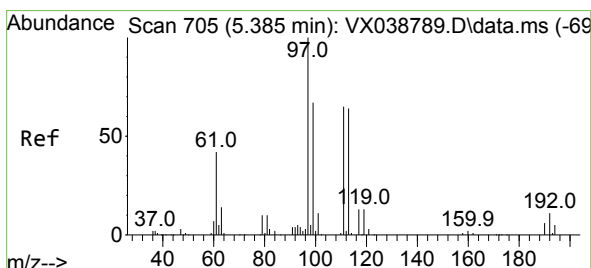
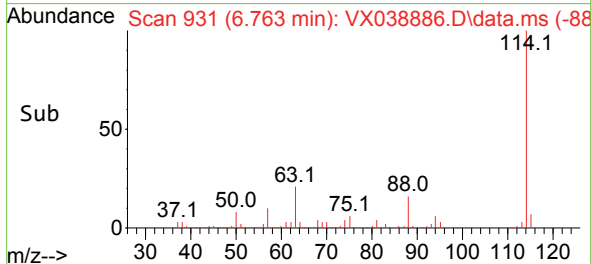
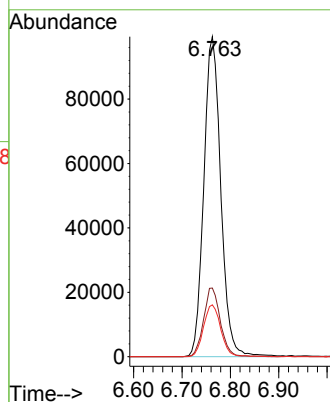
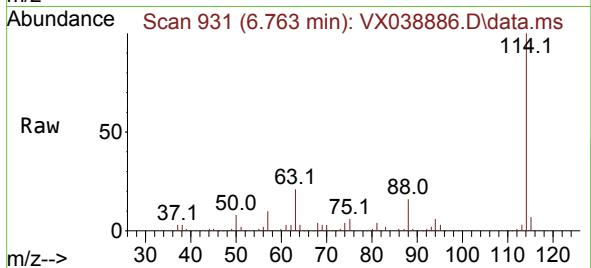




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

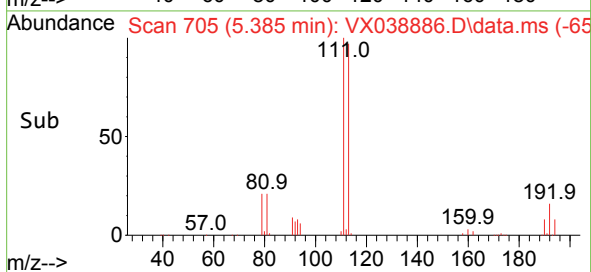
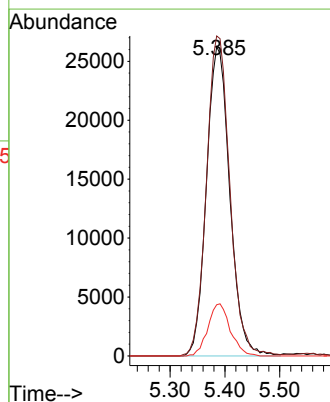
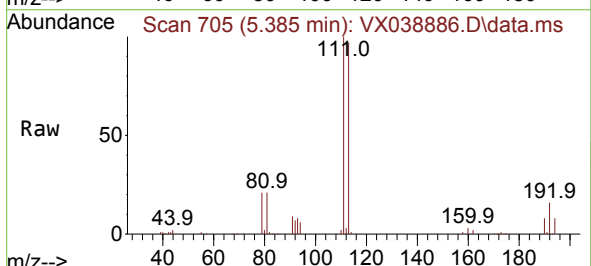
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MSVOA_X
ClientSampleId :

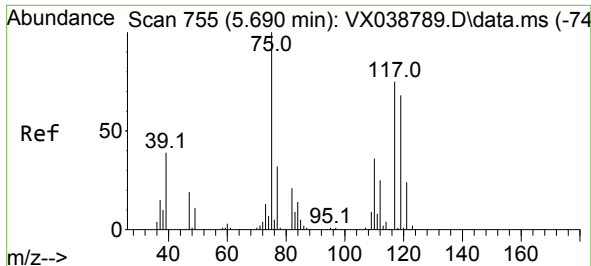
Tgt Ion:114 Resp: 242548
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.287 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion:113 Resp: 77580
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.327 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

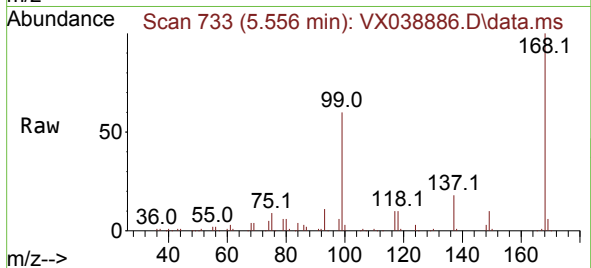
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Acq: 17 Nov 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :



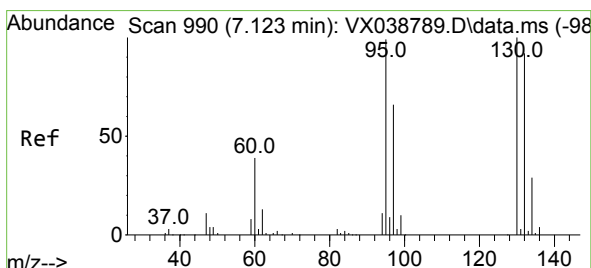
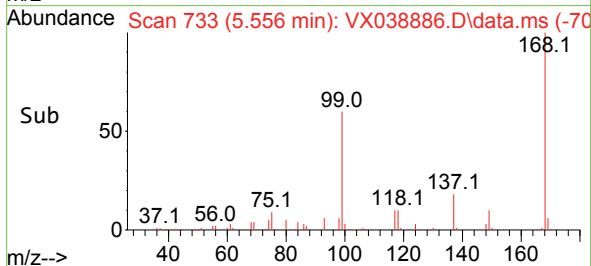
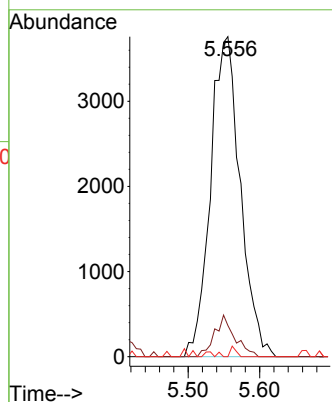
Tgt Ion: 75 Resp: 10863

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.6 24.7 37.1#



#44

Trichloroethene

Concen: 100.838 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX038886.D

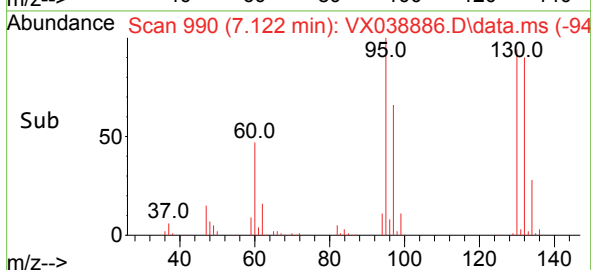
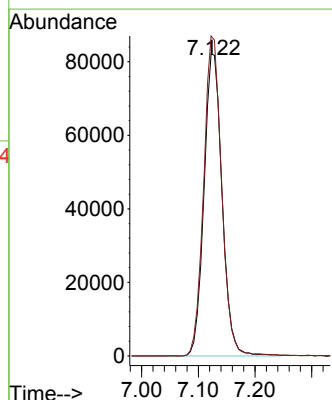
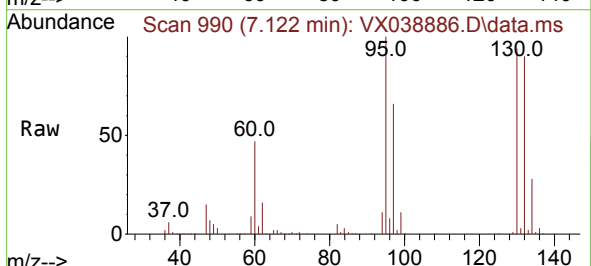
Acq: 17 Nov 2023 17:25

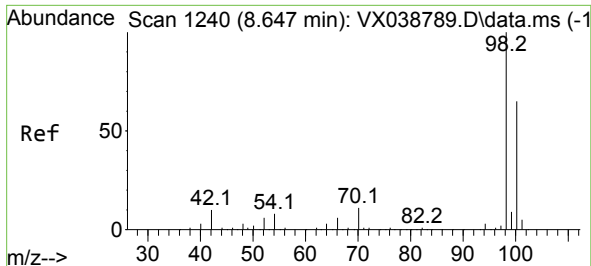
Tgt Ion:130 Resp: 182264

Ion Ratio Lower Upper

130 100

95 106.1 0.0 204.4

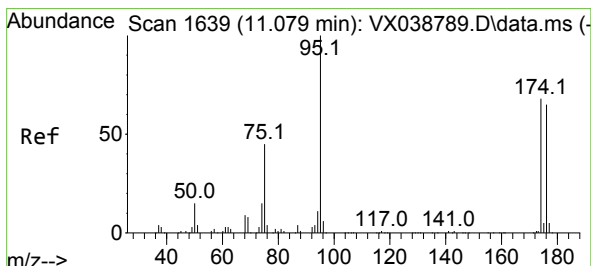
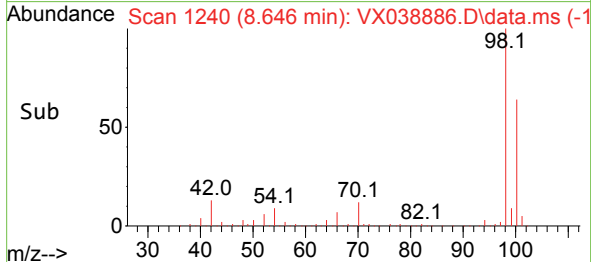
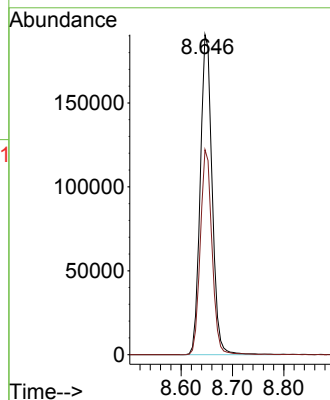
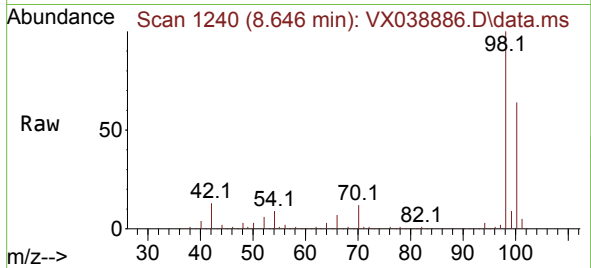




#50
Toluene-d8
Concen: 45.499 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

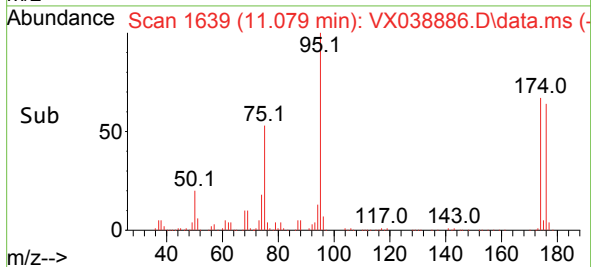
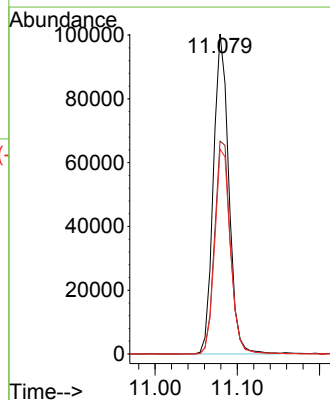
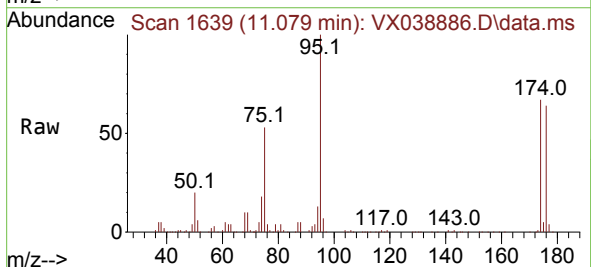
Instrument :
MSVOA_X
ClientSampleId :

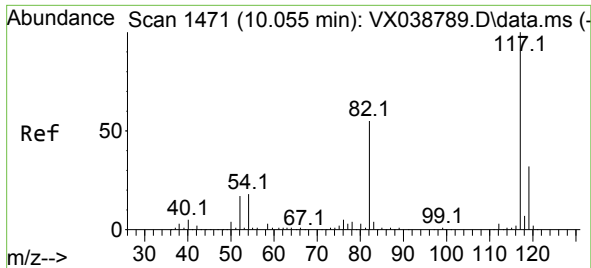
Tgt Ion: 98 Resp: 304944
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion: 95 Resp: 130483
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 65.5 0.0 131.0

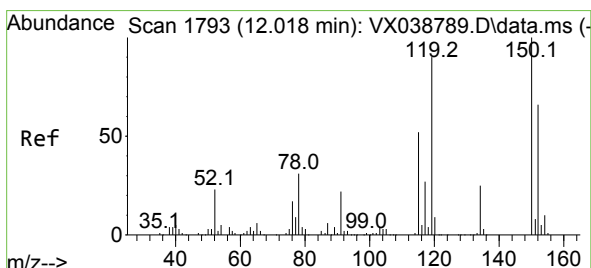
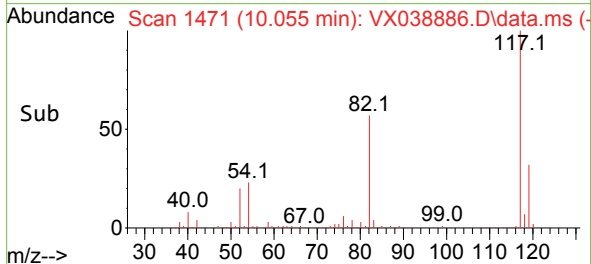
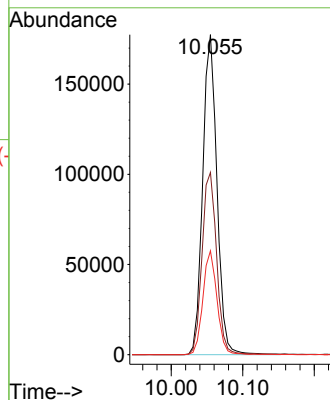
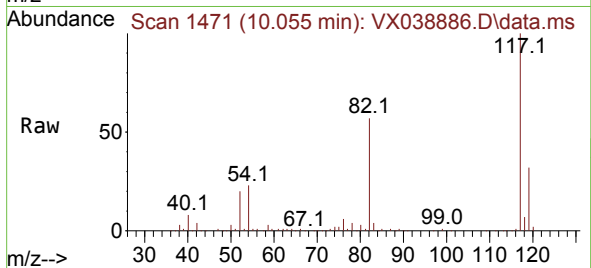




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

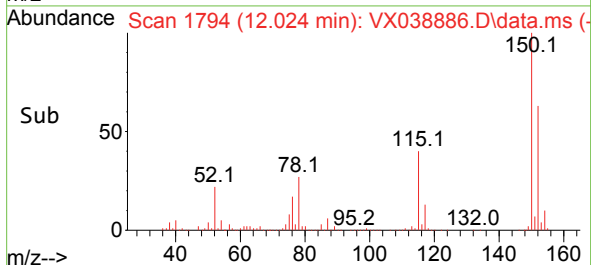
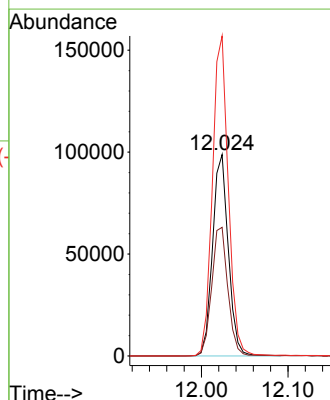
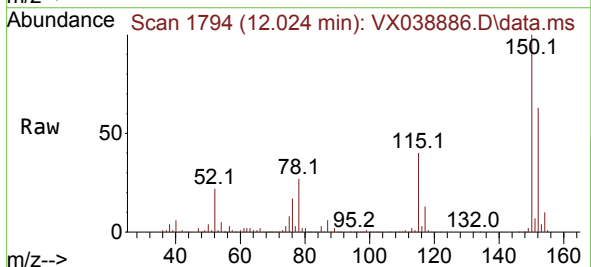
Instrument :
MSVOA_X
ClientSampleId :

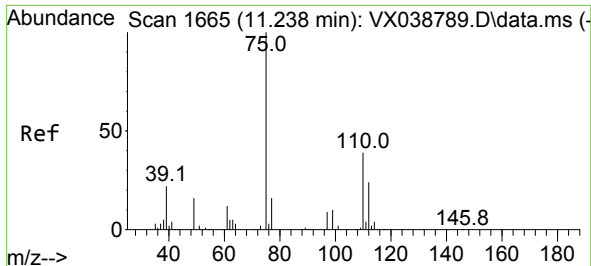
Tgt Ion:117 Resp: 245614
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion:152 Resp: 124773
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 161.1 0.0 345.0

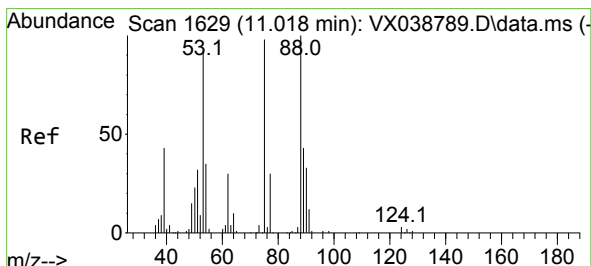
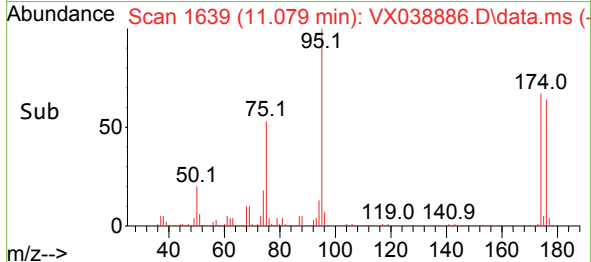
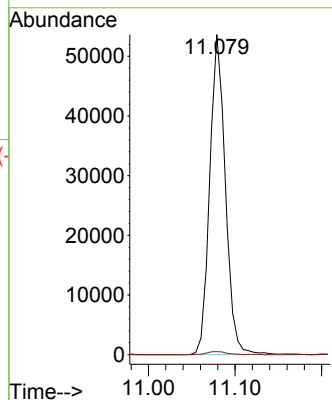
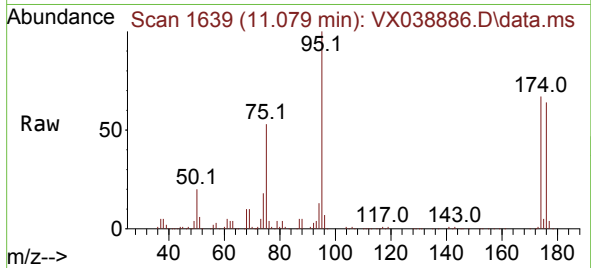




#76
1,2,3-Trichloropropane
Concen: 21.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 67302
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038886.D
Acq: 17 Nov 2023 17:25

Tgt Ion: 75 Resp: 67302
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

