

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038133.D
 Acq On : 06 Oct 2023 16:08
 Operator : JC/MD
 Sample : 04796-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Oct 07 04:21:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91863	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73484	44.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.660%
35) Dibromofluoromethane	5.391	113	57617	44.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.647	98	226420	46.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	84659	45.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%

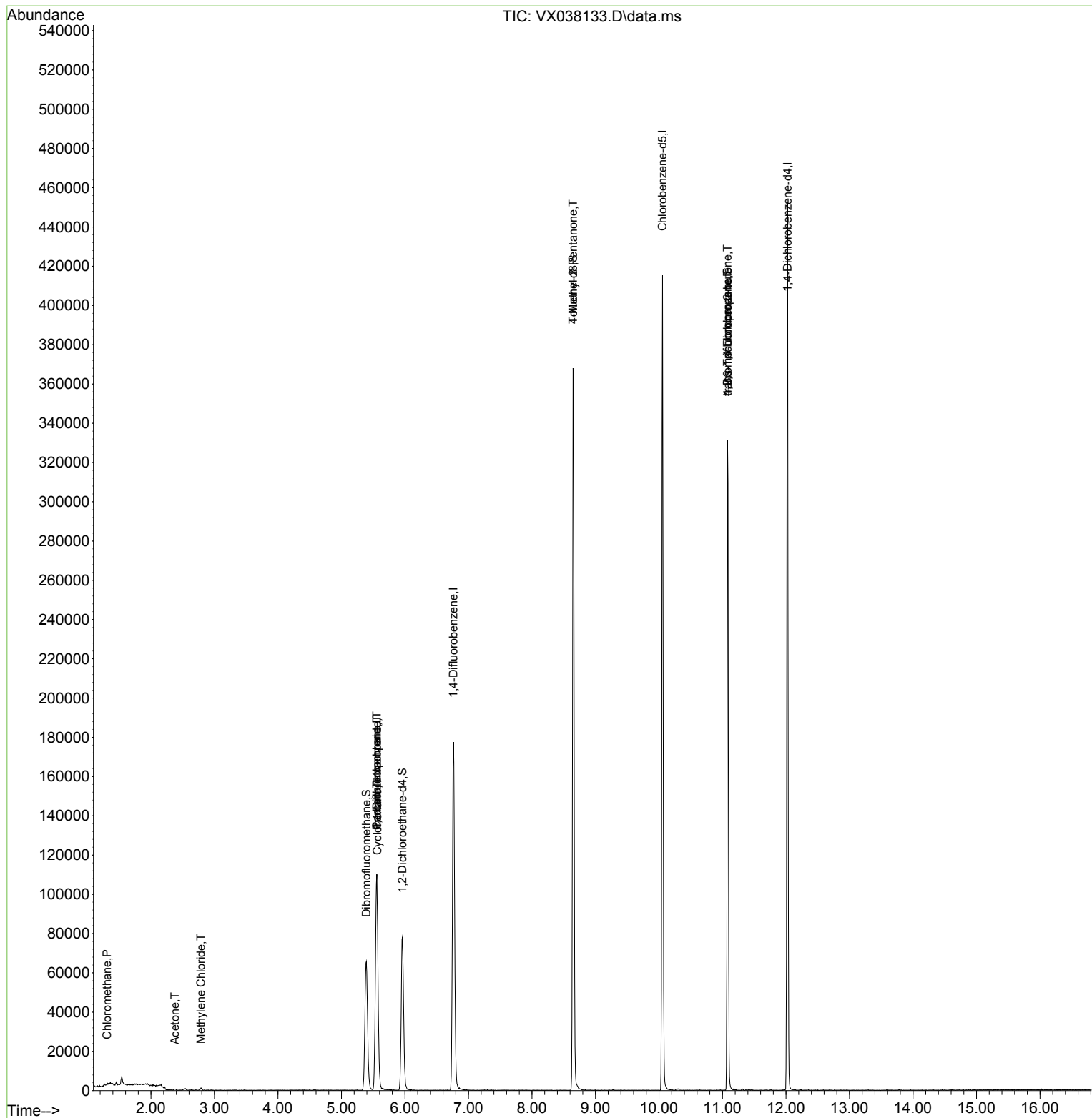
Target Compounds			Qvalue			
3) Chloromethane	1.307	50	270	0.269	ug/l #	43
6) Chloroethane	1.691	64	258	Below Cal	#	43
16) Acetone	2.380	43	706	1.032	ug/l	92
20) Methylene Chloride	2.788	84	581	0.452	ug/l #	79
31) Cyclohexane	5.562	56	2525	1.422	ug/l #	46
36) 1,1-Dichloropropene	5.556	75	8628	4.861	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10679	6.116	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1185	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47683	22.832	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47683	65.325	ug/l #	5

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

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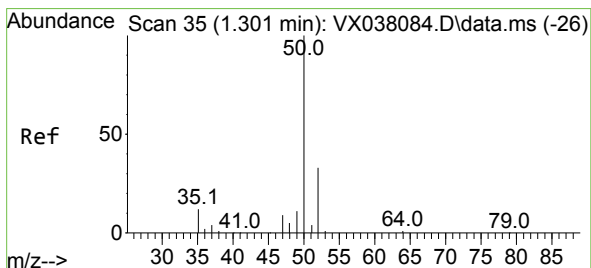
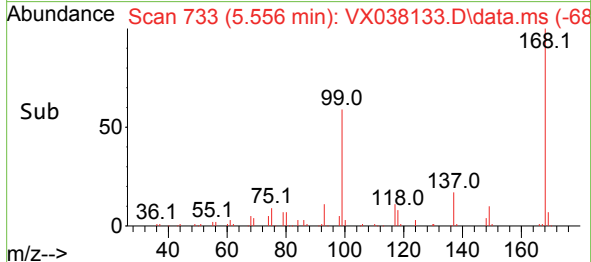
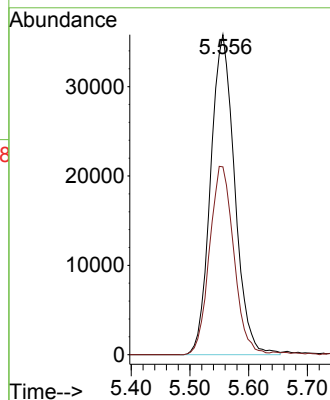
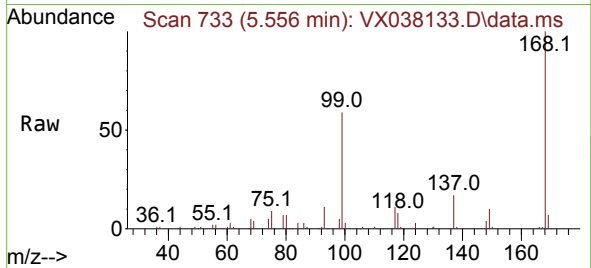




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

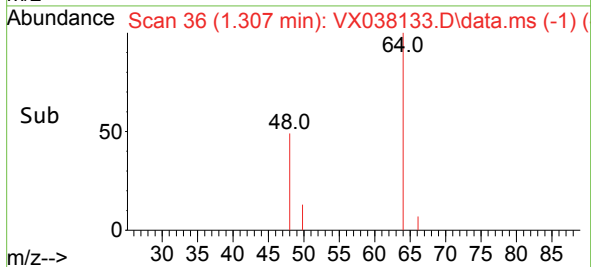
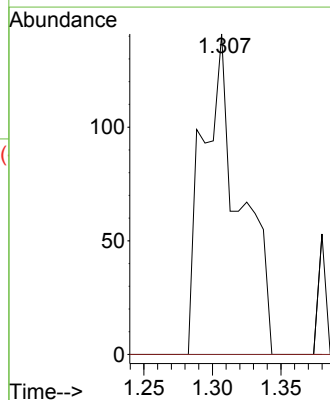
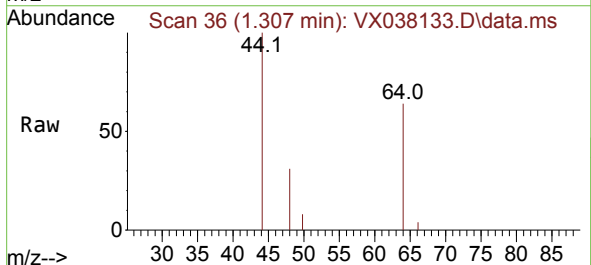
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 101911
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

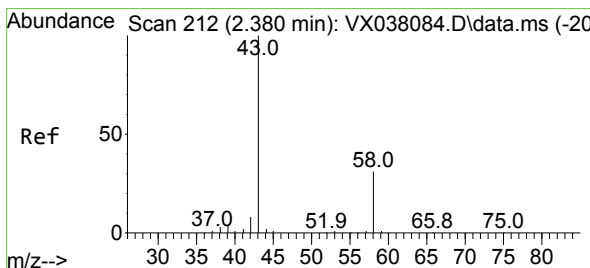
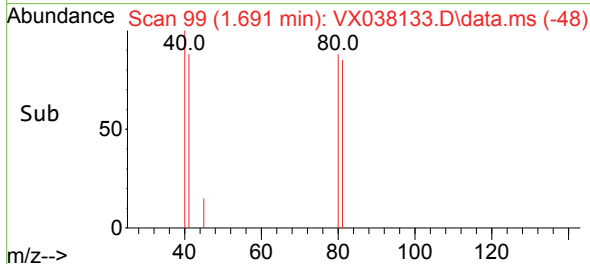
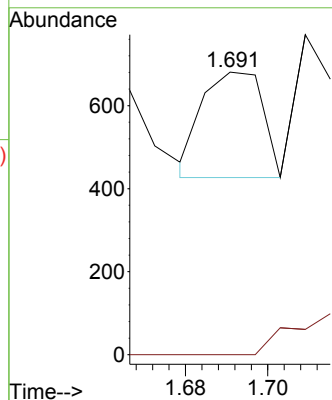
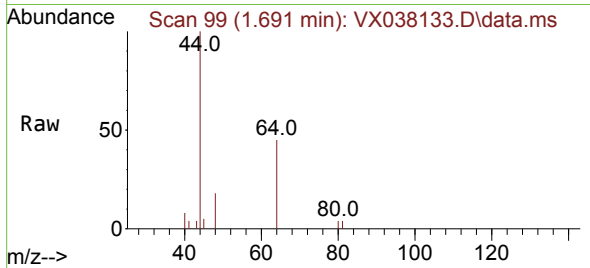




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

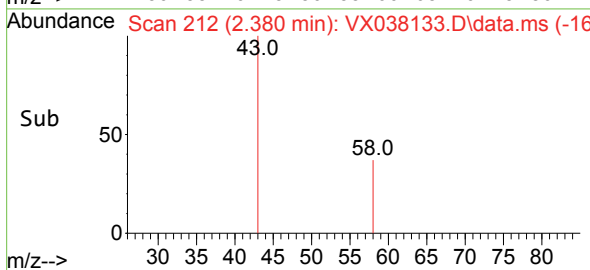
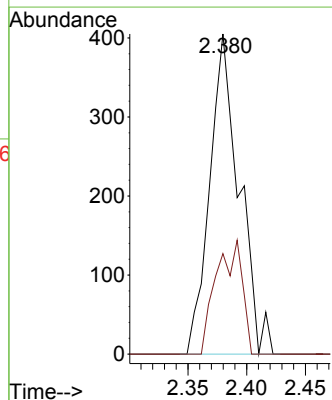
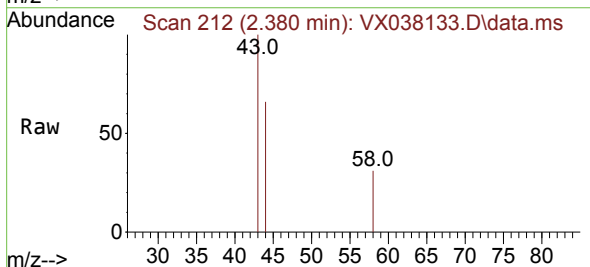
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

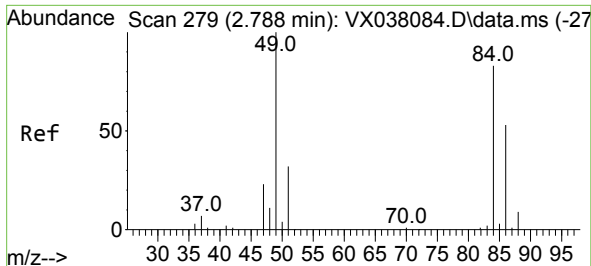
Tgt Ion: 64 Resp: 258
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.032 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9

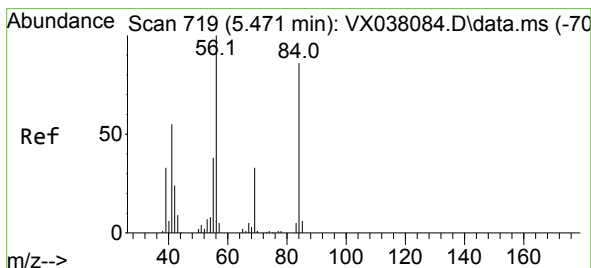
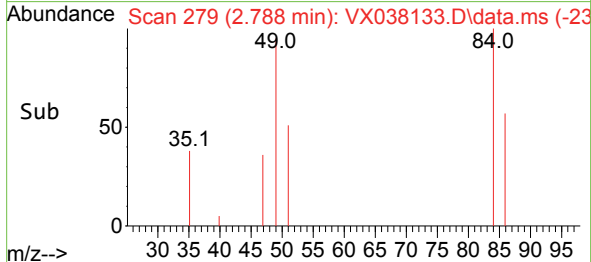
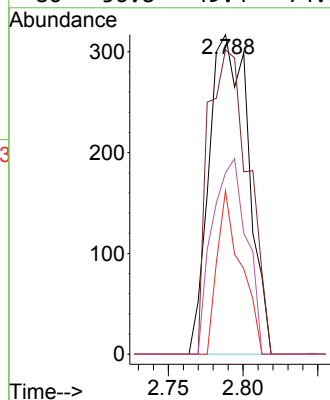
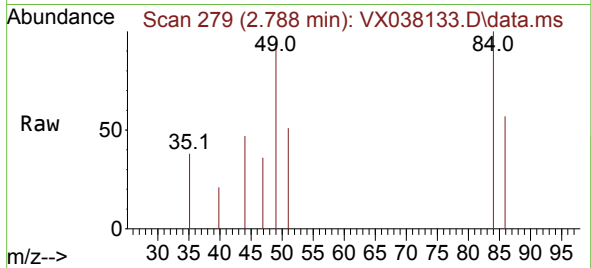




#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

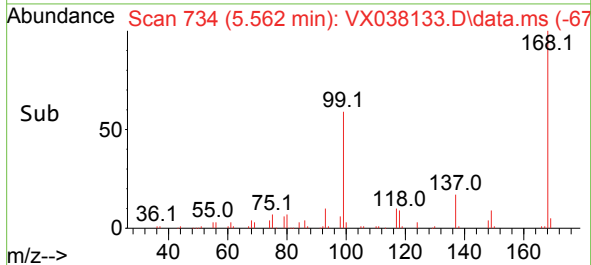
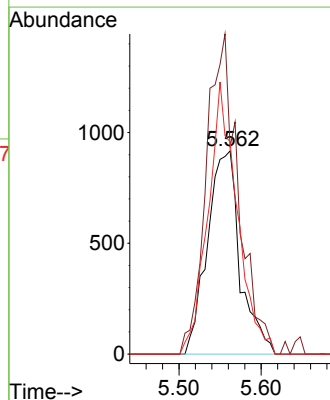
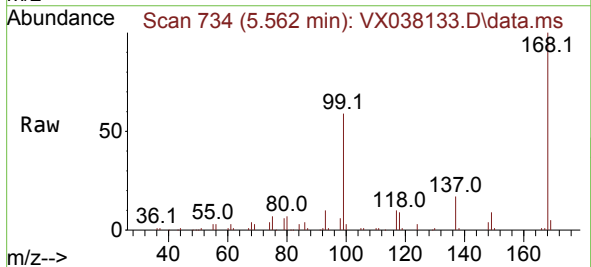
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

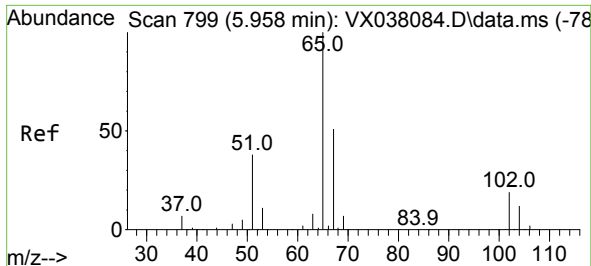
Tgt Ion: 84	Resp: 581
Ion Ratio	Lower Upper
84 100	
49 95.3	103.6 155.4#
51 51.1	33.8 50.6#
86 56.8	49.4 74.0



#31
Cyclohexane
Concen: 1.422 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion: 56	Resp: 2525
Ion Ratio	Lower Upper
56 100	
69 102.1	23.4 35.2#
84 104.5	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.830 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038133.D

Acq: 06 Oct 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

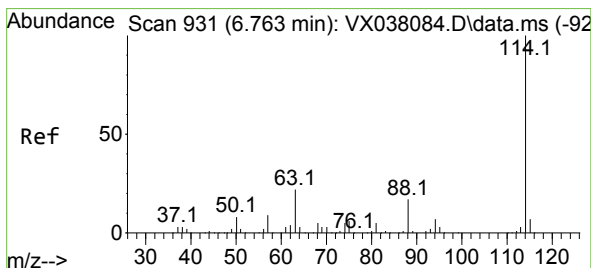
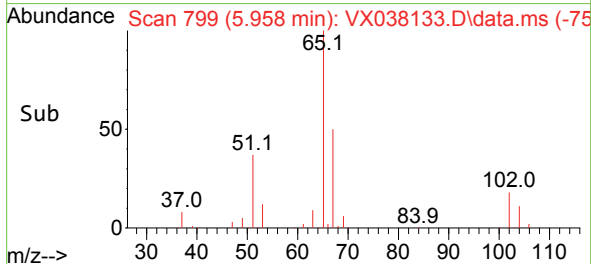
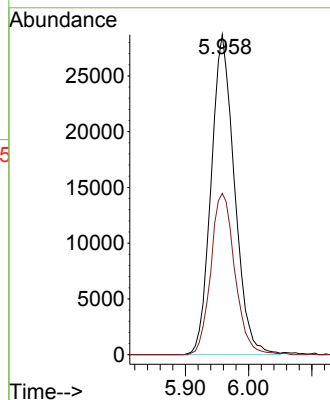
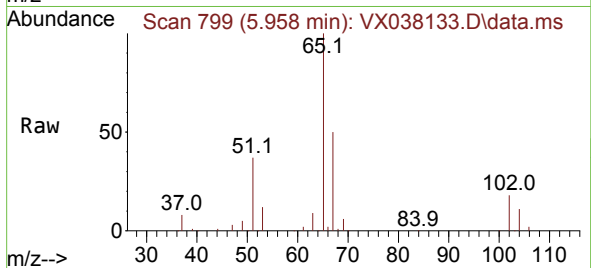
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 73484

Ion Ratio Lower Upper

65 100

67 51.9 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: VX038133.D

Acq: 06 Oct 2023 16:08

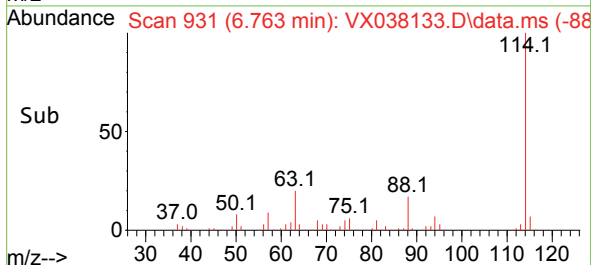
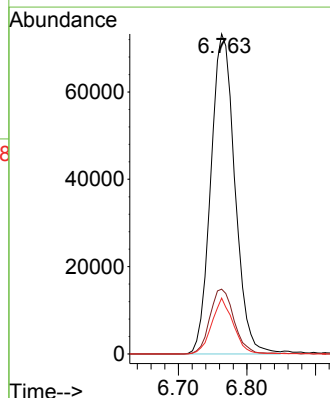
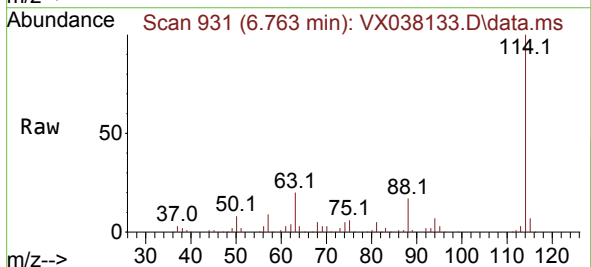
Tgt Ion: 114 Resp: 178630

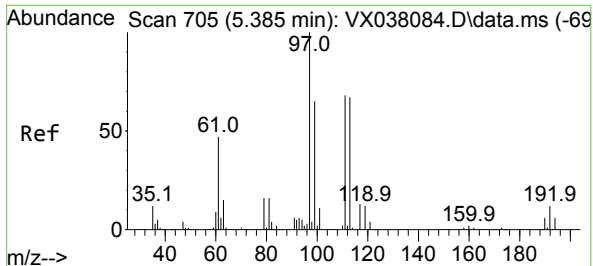
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 17.4 0.0 36.6

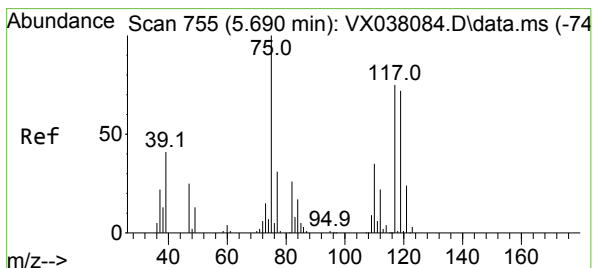
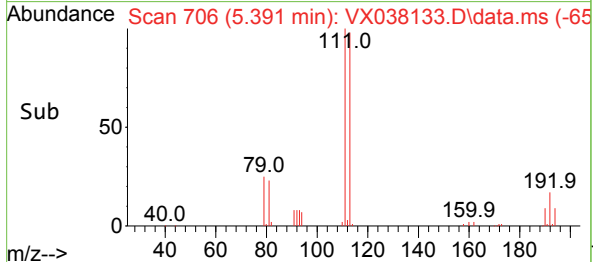
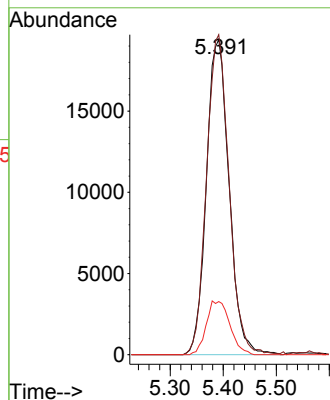
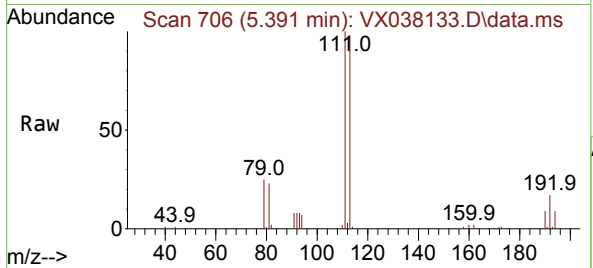




#35
Dibromofluoromethane
Concen: 44.764 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

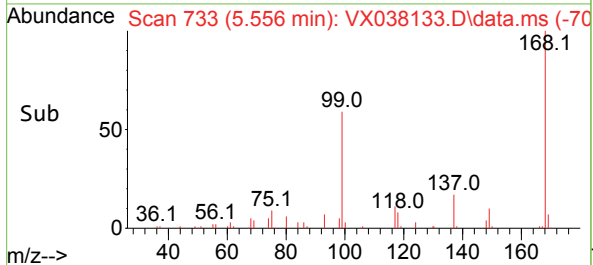
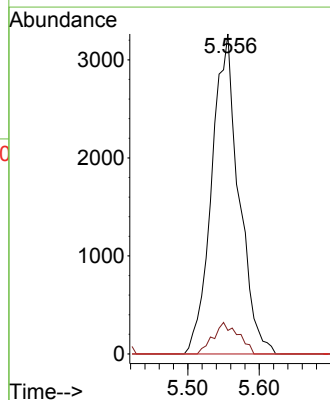
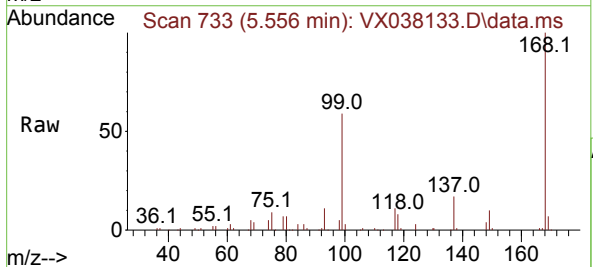
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

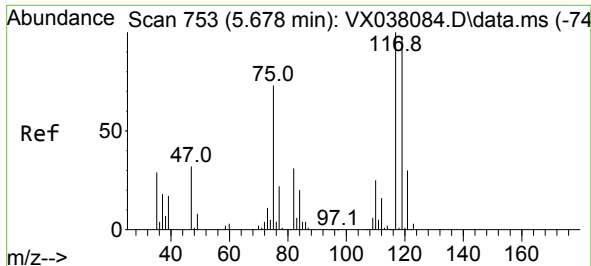
Tgt Ion:113 Resp: 57617
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

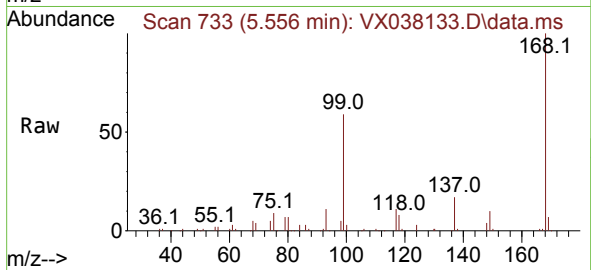
Tgt Ion: 75 Resp: 8628
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



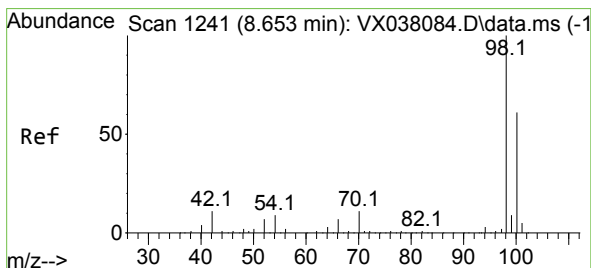
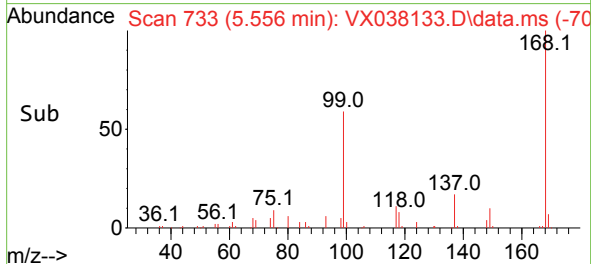
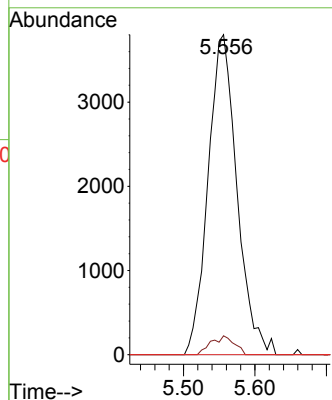


#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

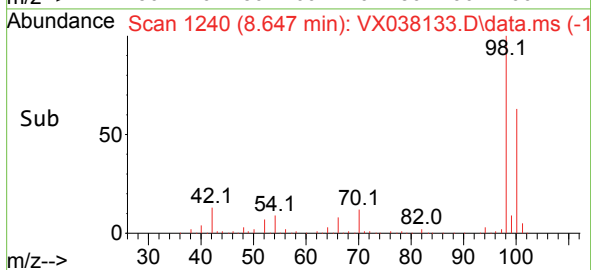
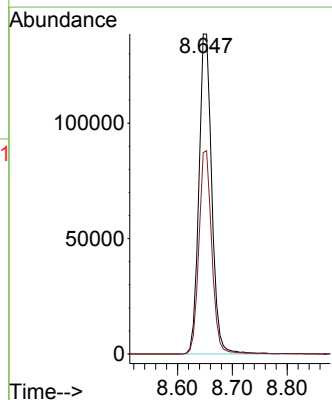
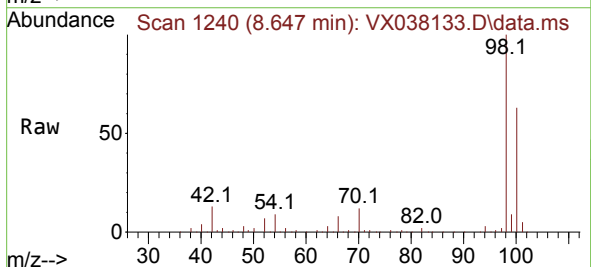


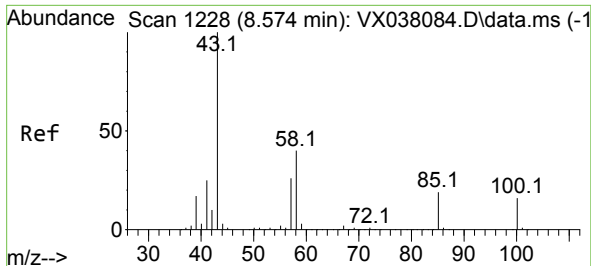
Tgt Ion:117 Resp: 10679
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.034 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion: 98 Resp: 226420
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

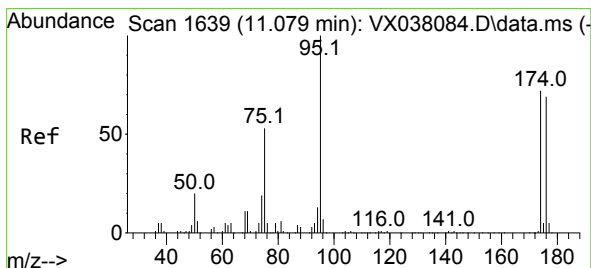
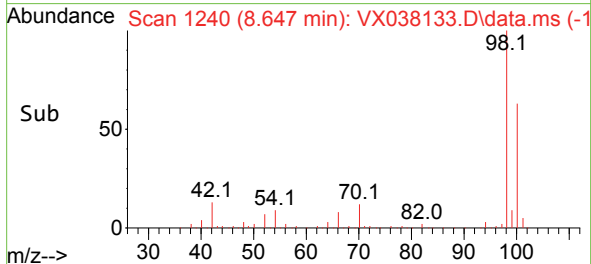
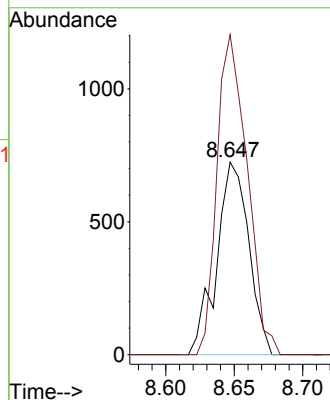
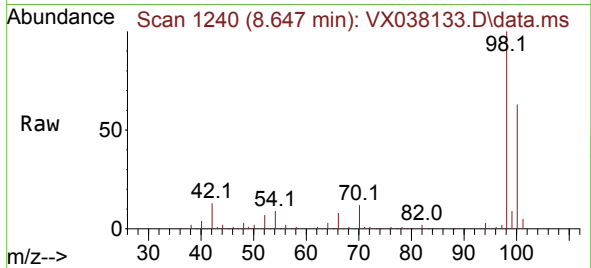




#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1185
Delta R.T. 0.073 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

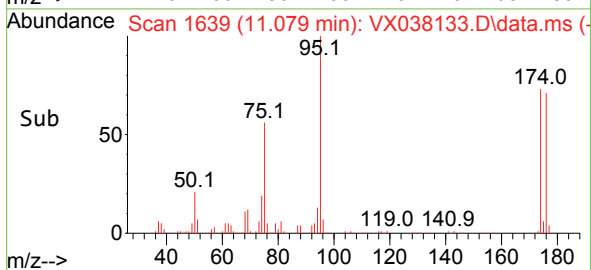
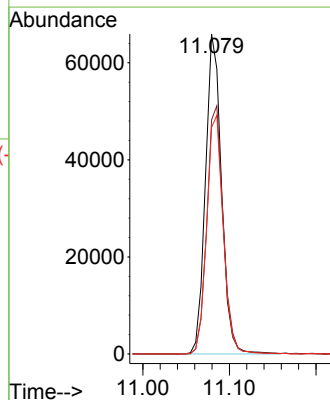
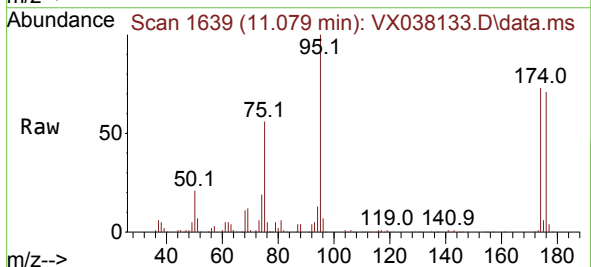
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

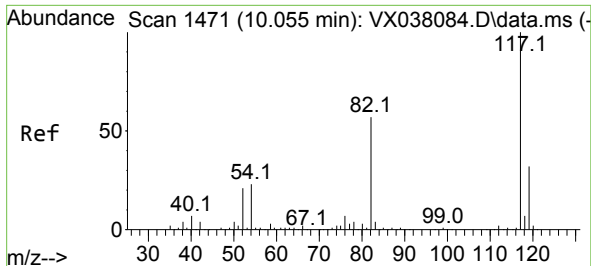
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 156.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion: 95 Resp: 84659
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.6 0.0 131.0

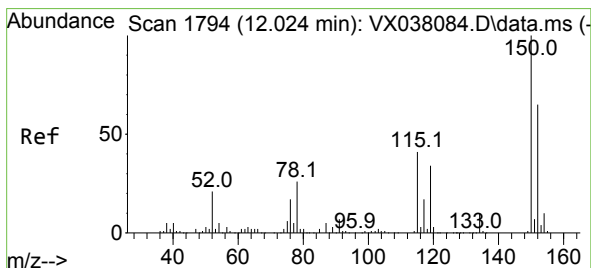
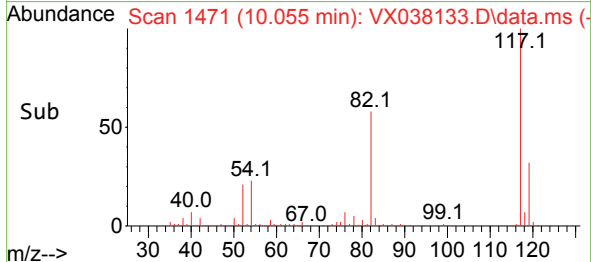
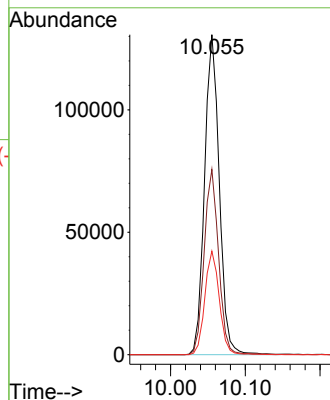
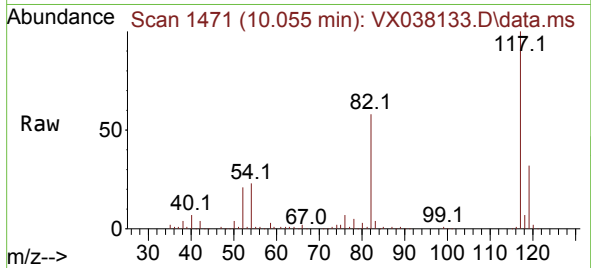




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

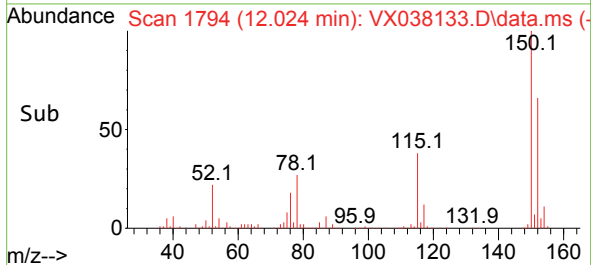
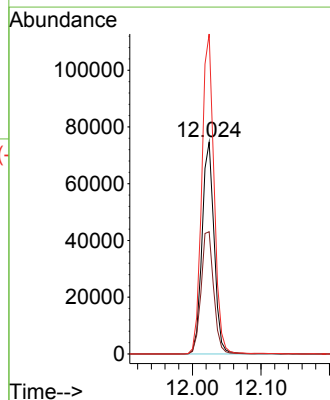
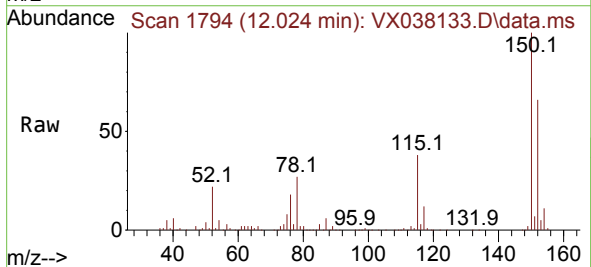
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

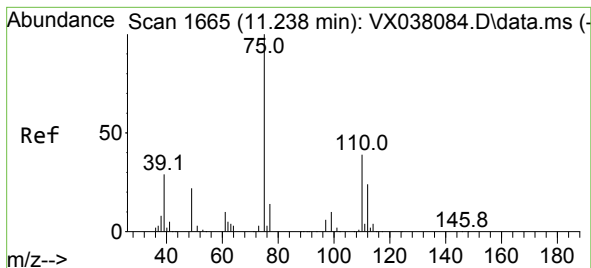
Tgt Ion:117 Resp: 178739
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038133.D
Acq: 06 Oct 2023 16:08

Tgt Ion:152 Resp: 91863
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 153.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.832 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038133.D

Acq: 06 Oct 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

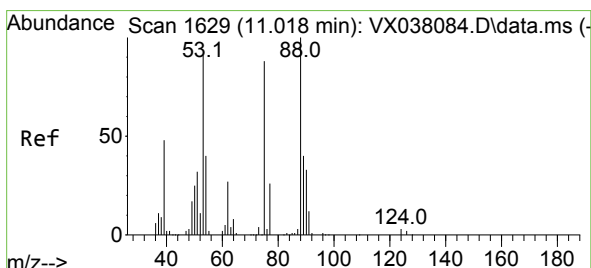
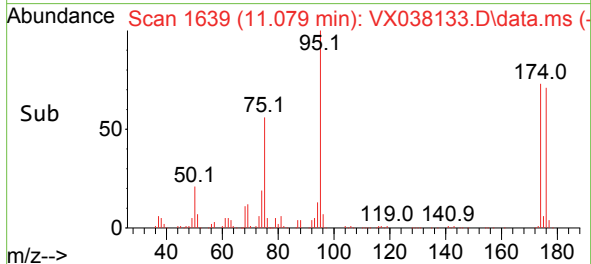
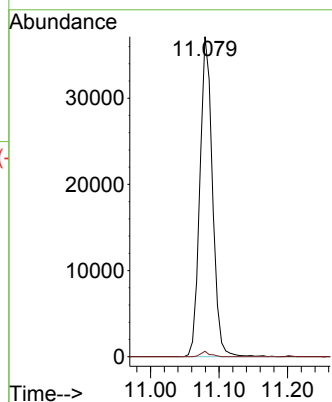
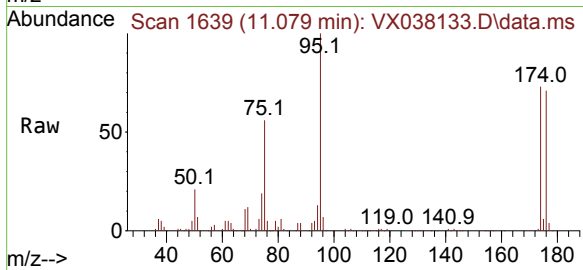
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 47683

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.325 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038133.D

Acq: 06 Oct 2023 16:08

Tgt Ion: 75 Resp: 47683

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

