

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038659.D
 Acq On : 08 Nov 2023 16:27
 Operator : JC/MD
 Sample : 05223-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:21:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

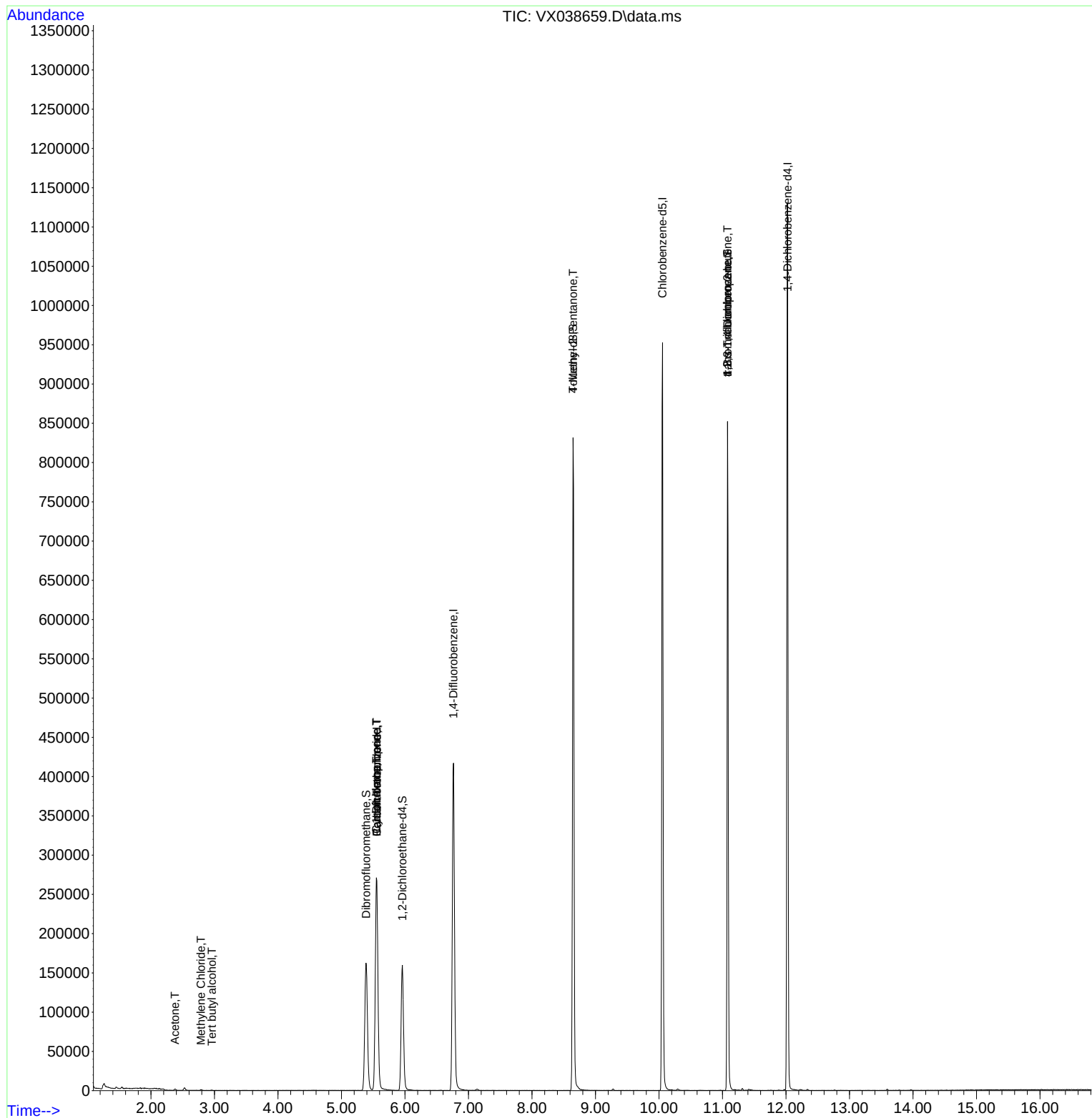
Internal Standards						
1) Pentafluorobenzene	5.556	168	281408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	465192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156988	44.810	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.620%
35) Dibromofluoromethane	5.385	113	146255	43.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.300%
50) Toluene-d8	8.647	98	526883	43.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.900%#
62) 4-Bromofluorobenzene	11.079	95	220432	47.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	424	0.592	ug/l	# 78
16) Acetone	2.380	43	1872	1.269	ug/l	# 72
20) Methylene Chloride	2.788	84	611	0.205	ug/l	# 71
31) Cyclohexane	5.550	56	4938	1.274	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18349	4.409	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	26832	5.767	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1865	0.438	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	107152	20.640	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	107152	62.862	ug/l	# 5

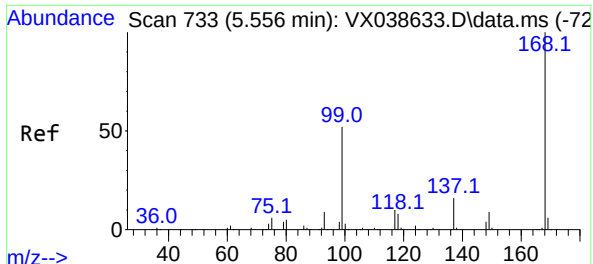
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

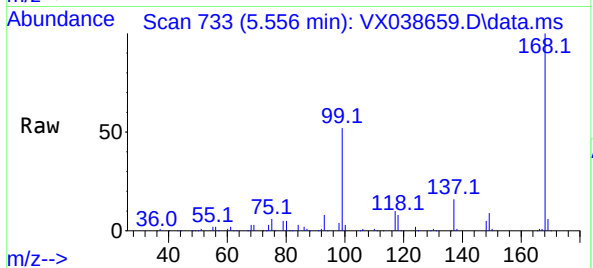
Quant Time: Nov 09 01:21:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



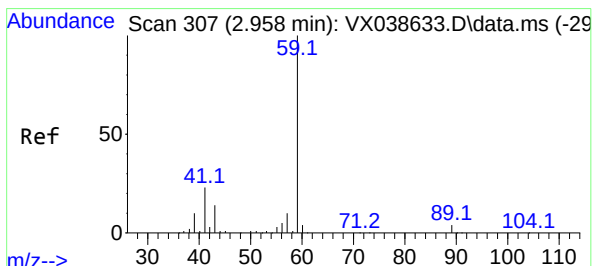
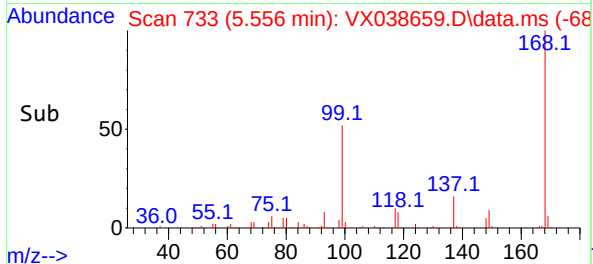
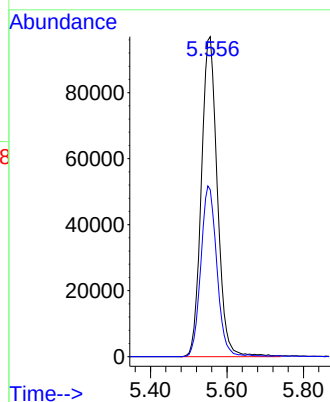


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :

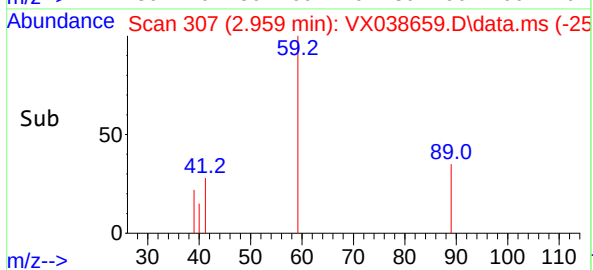
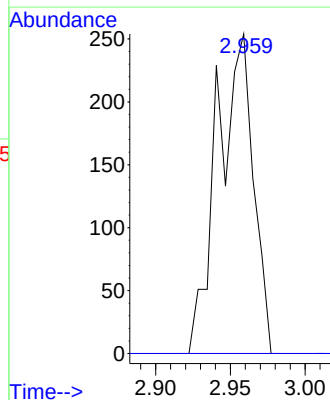
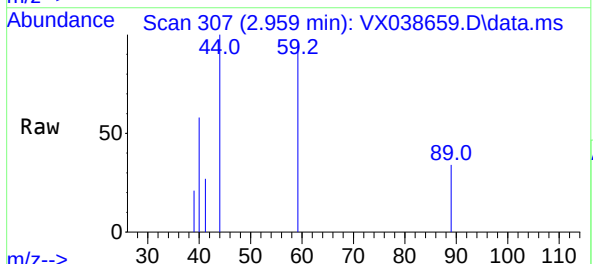


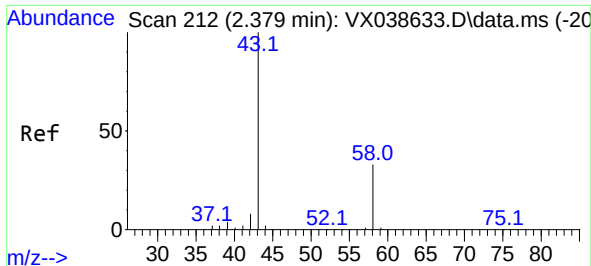
Tgt Ion:168 Resp: 281408
Ion Ratio Lower Upper
168 100
99 52.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.592 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

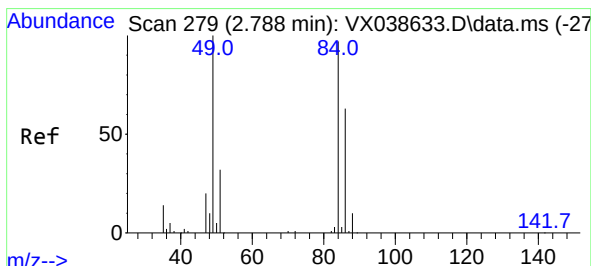
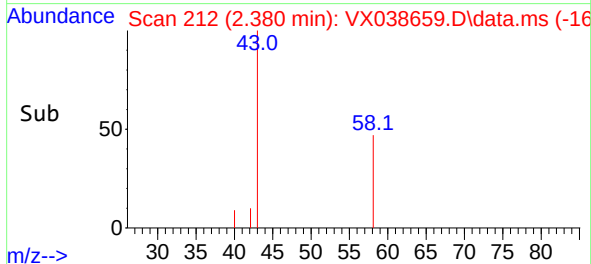
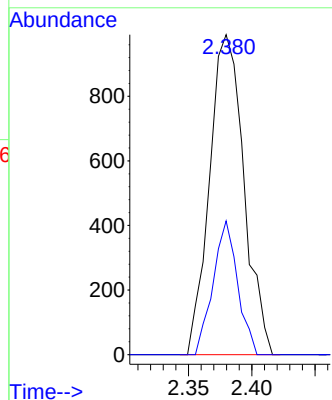
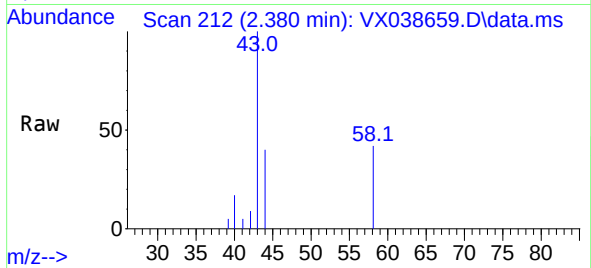




#16
Acetone
Concen: 1.269 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

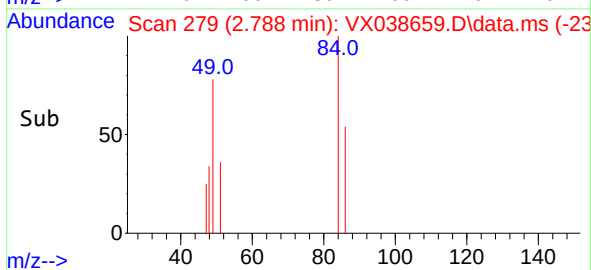
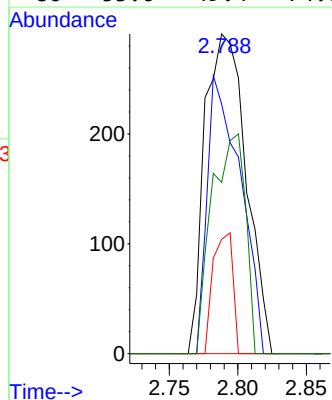
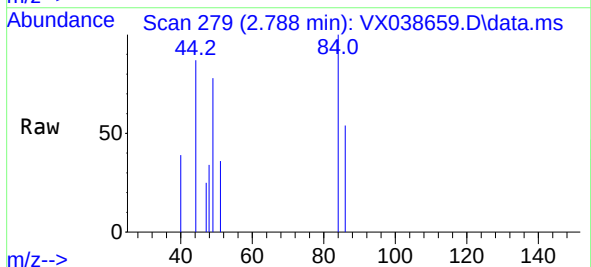
Instrument :
MSVOA_X
ClientSampleId :

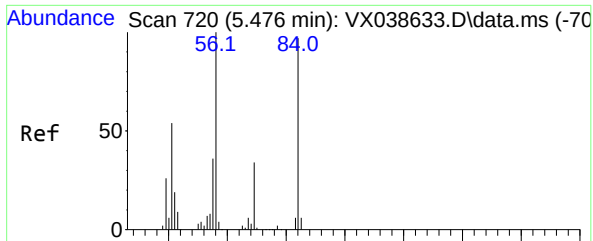
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 41.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

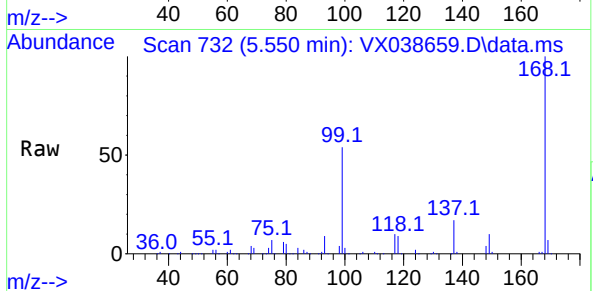
Tgt Ion: 84 Resp: 611
Ion Ratio Lower Upper
84 100
49 78.0 103.6 155.4#
51 35.7 33.8 50.6
86 53.6 49.4 74.0



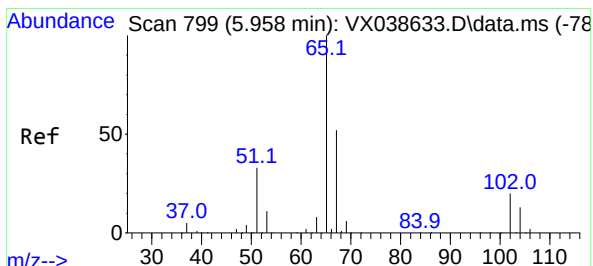
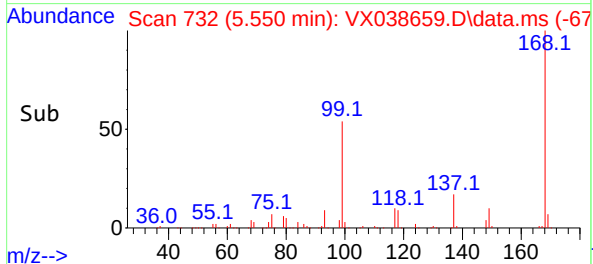
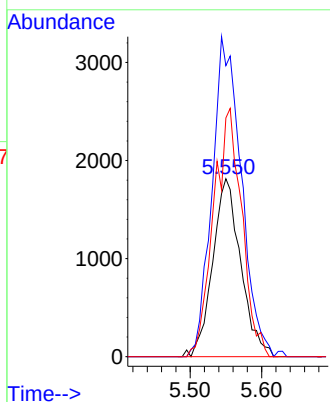


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.550 min Scan# 713
Delta R.T. 0.074 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :

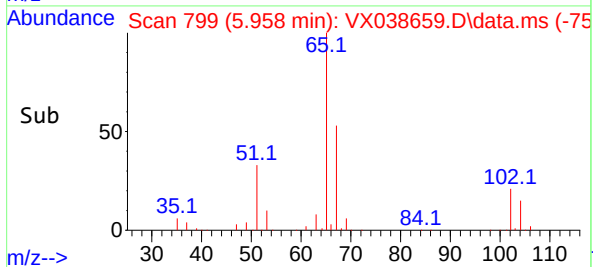
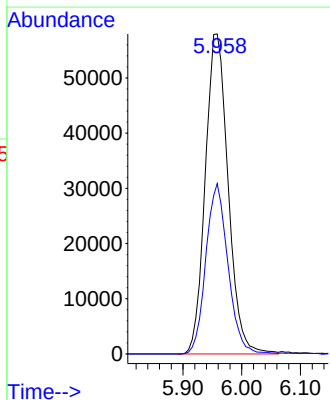
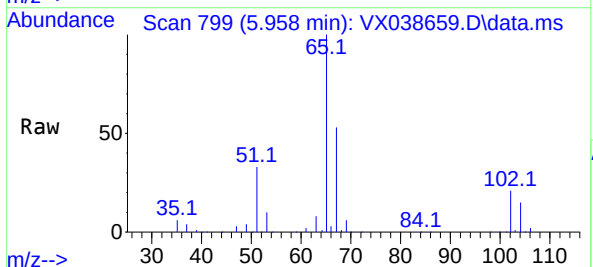


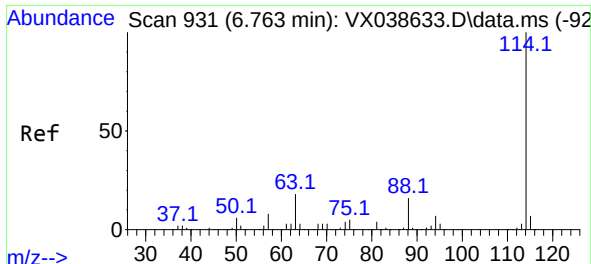
Tgt Ion: 56 Resp: 4938
Ion Ratio Lower Upper
56 100
69 163.5 23.4 35.2#
84 134.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.810 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Tgt Ion: 65 Resp: 156988
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

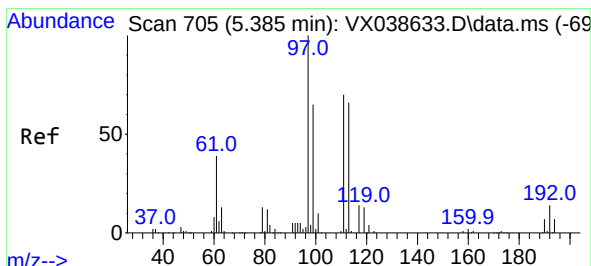
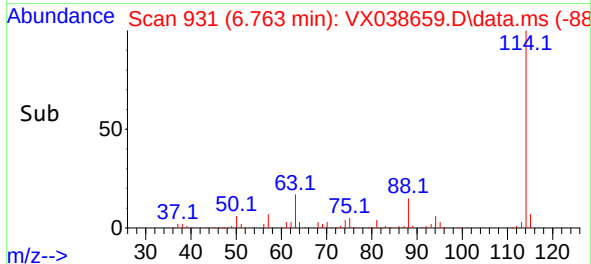
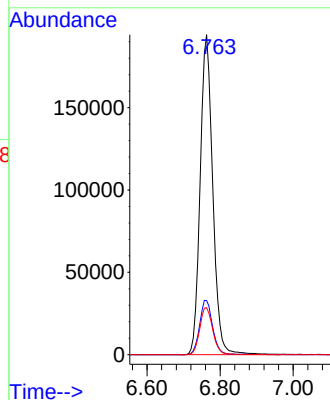
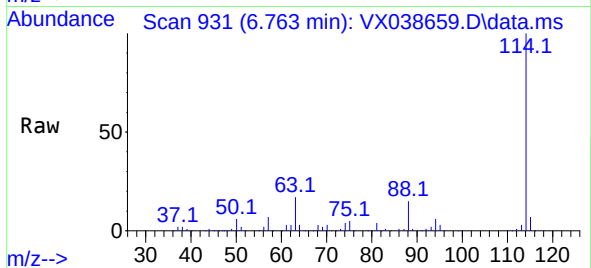




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

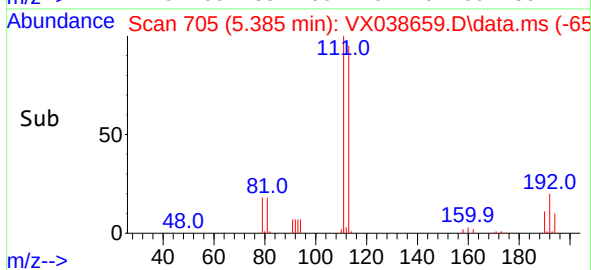
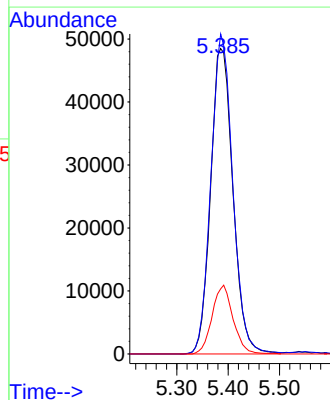
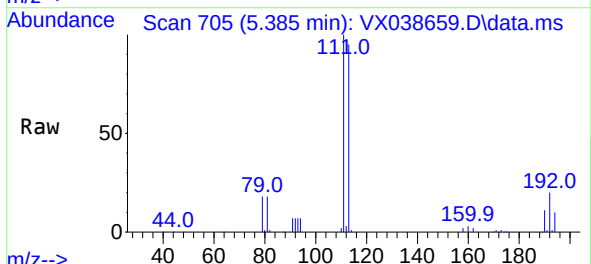
Instrument :
MSVOA_X
ClientSampleId :

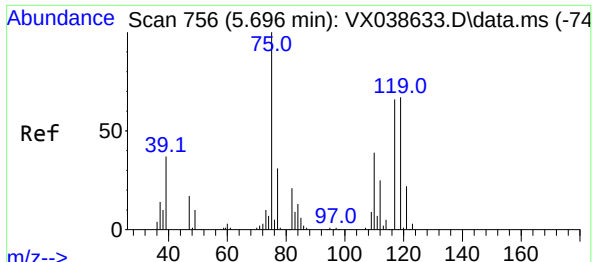
Tgt Ion:114 Resp: 465192
Ion Ratio Lower Upper
114 100
63 16.9 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Tgt Ion:113 Resp: 146255
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.1 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.409 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038659.D

Acq: 08 Nov 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

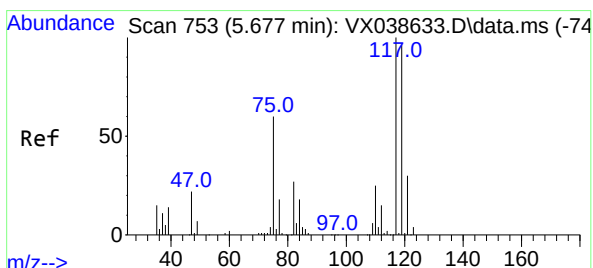
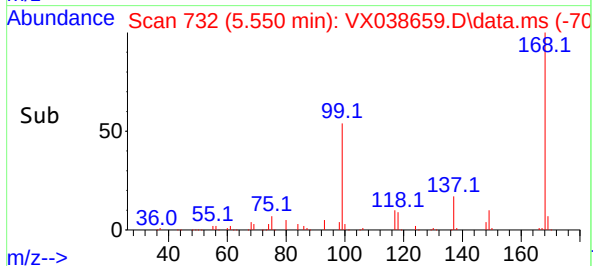
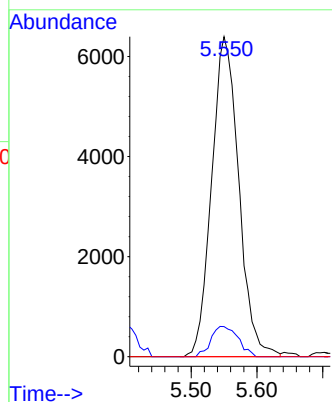
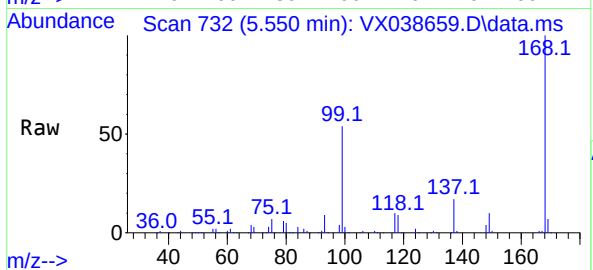
Tgt Ion: 75 Resp: 18349

Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.767 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX038659.D

Acq: 08 Nov 2023 16:27

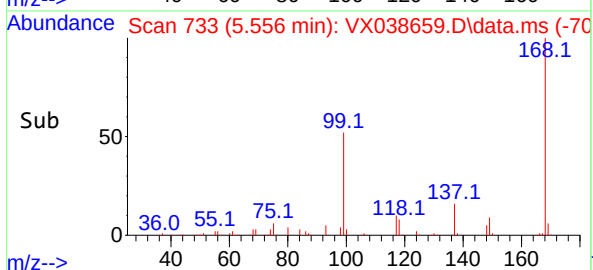
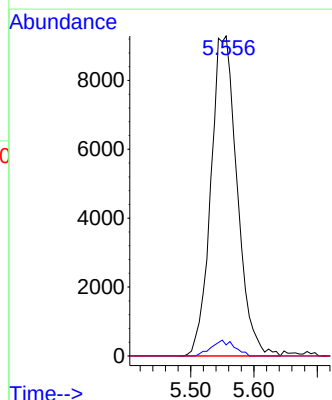
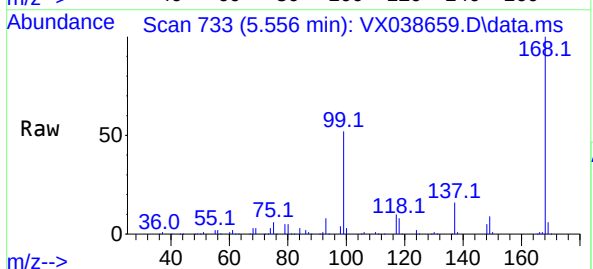
Tgt Ion:117 Resp: 26832

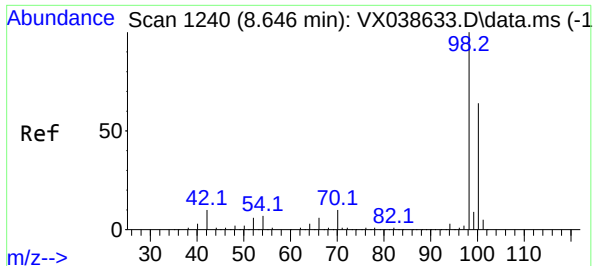
Ion Ratio Lower Upper

117 100

119 3.4 78.2 117.2#

121 0.0 24.4 36.6#

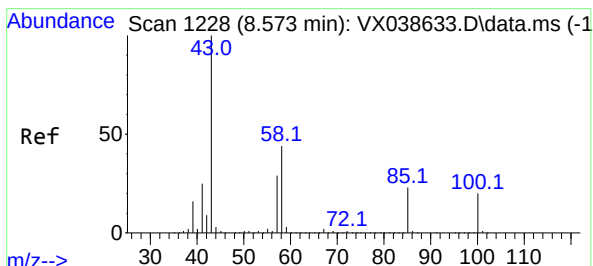
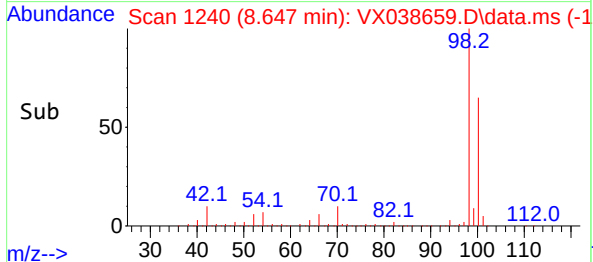
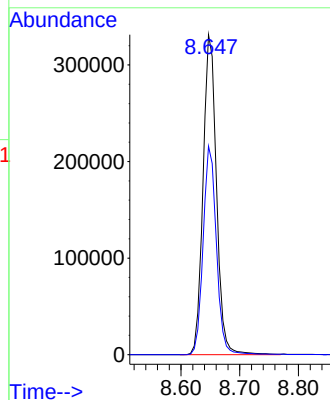
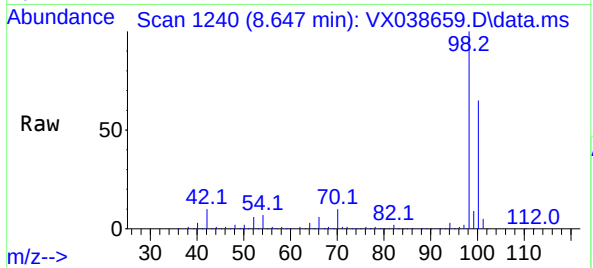




#50
Toluene-d8
Concen: 43.946 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

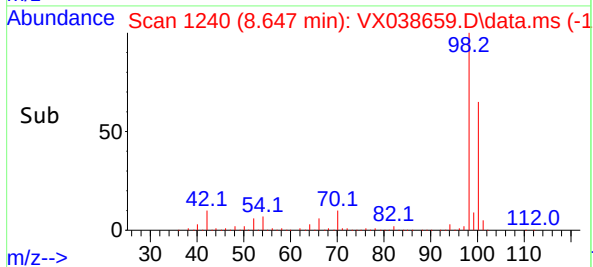
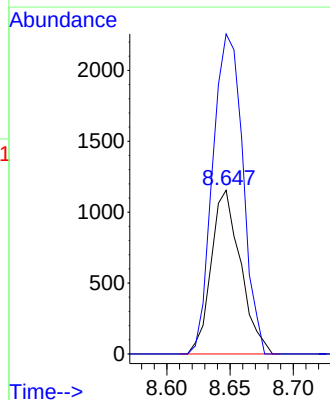
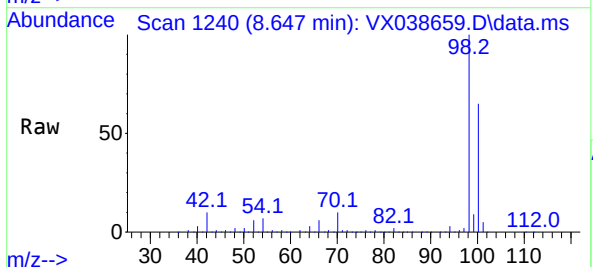
Instrument :
MSVOA_X
ClientSampleId :

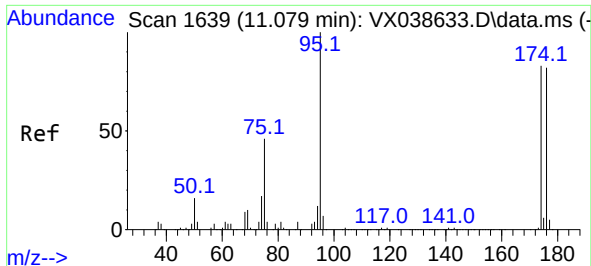
Tgt Ion: 98 Resp: 526883
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Tgt Ion: 43 Resp: 1865
Ion Ratio Lower Upper
43 100
58 200.5 30.4 45.6#

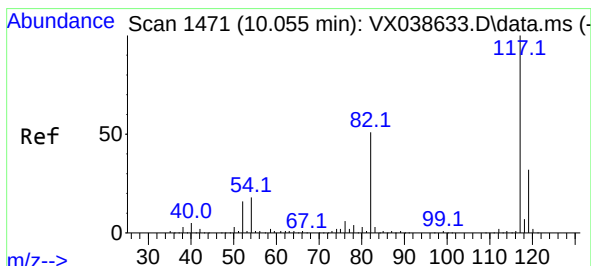
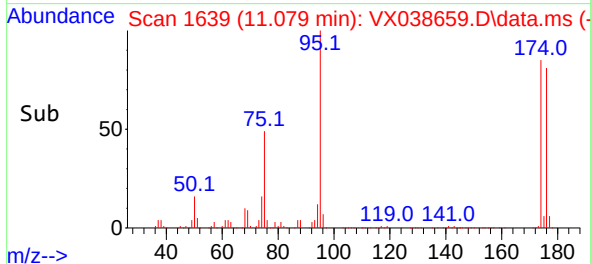
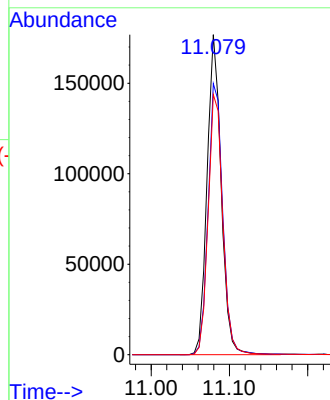
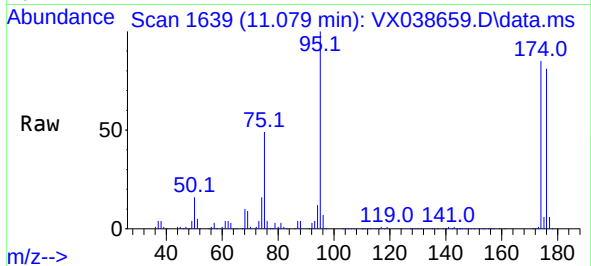




#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

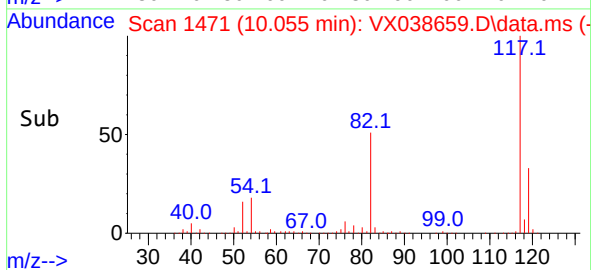
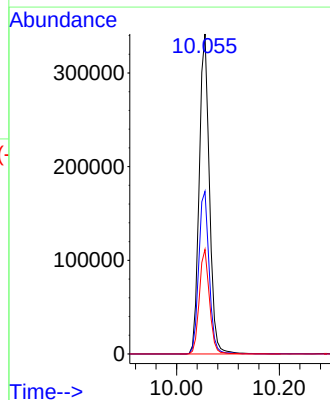
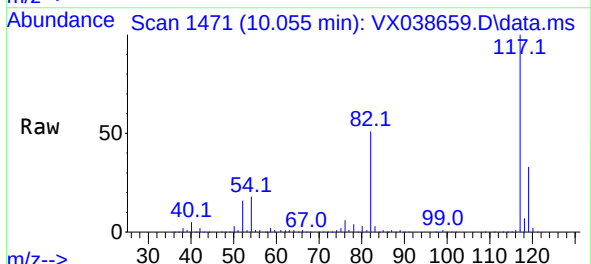
Instrument :
MSVOA_X
ClientSampleId :

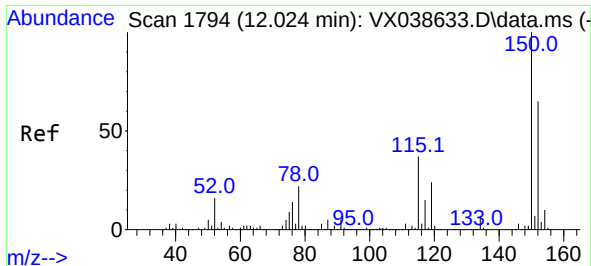
Tgt Ion: 95 Resp: 220432
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

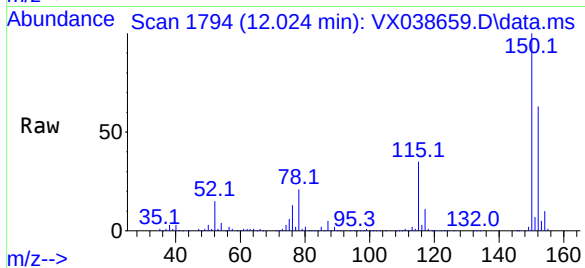
Tgt Ion: 117 Resp: 471927
Ion Ratio Lower Upper
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82 50.8 46.2 69.4
119 32.6 25.5 38.3



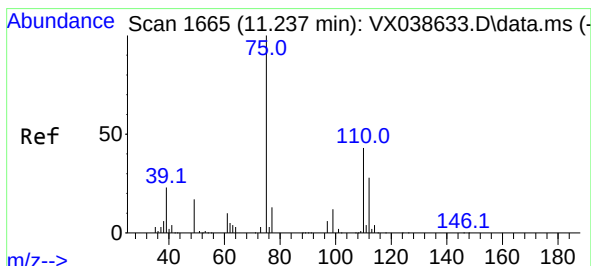
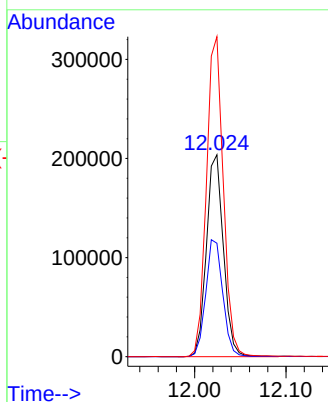
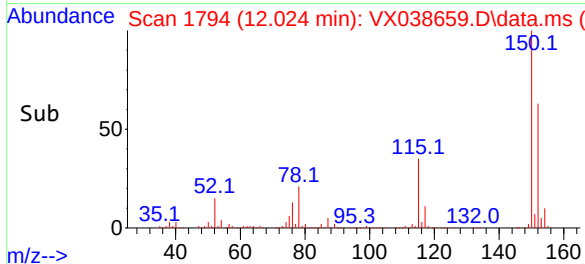


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

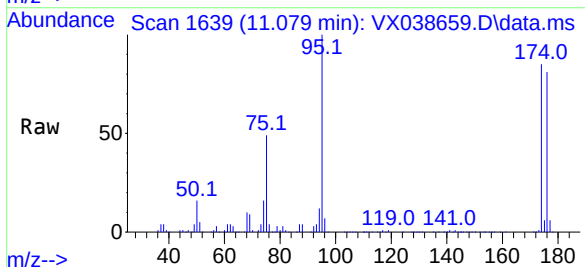
Instrument :
MSVOA_X
ClientSampleId :



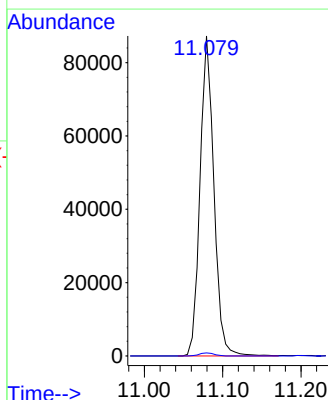
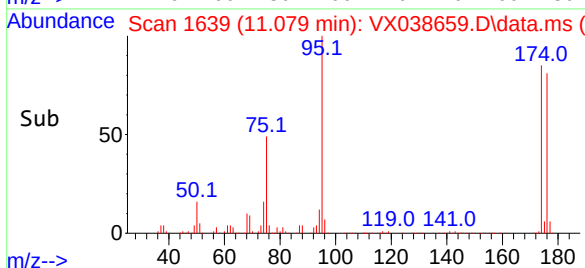
Tgt Ion:152 Resp: 262127
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 157.6 0.0 345.0

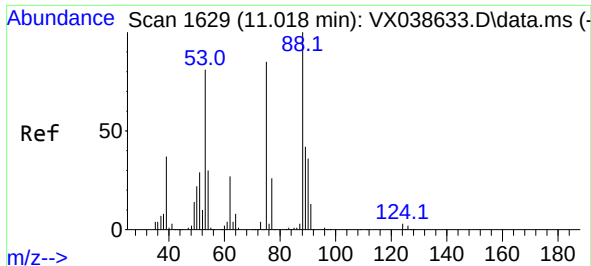


#76
1,2,3-Trichloropropane
Concen: 20.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27



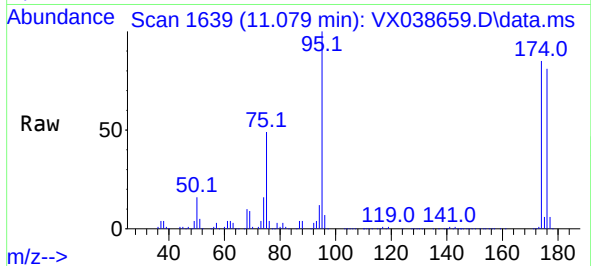
Tgt Ion: 75 Resp: 107152
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.862 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038659.D
Acq: 08 Nov 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 107152
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

