

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038728.D
 Acq On : 10 Nov 2023 15:01
 Operator : JC/MD
 Sample : 05223-24RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 01:54:38 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)

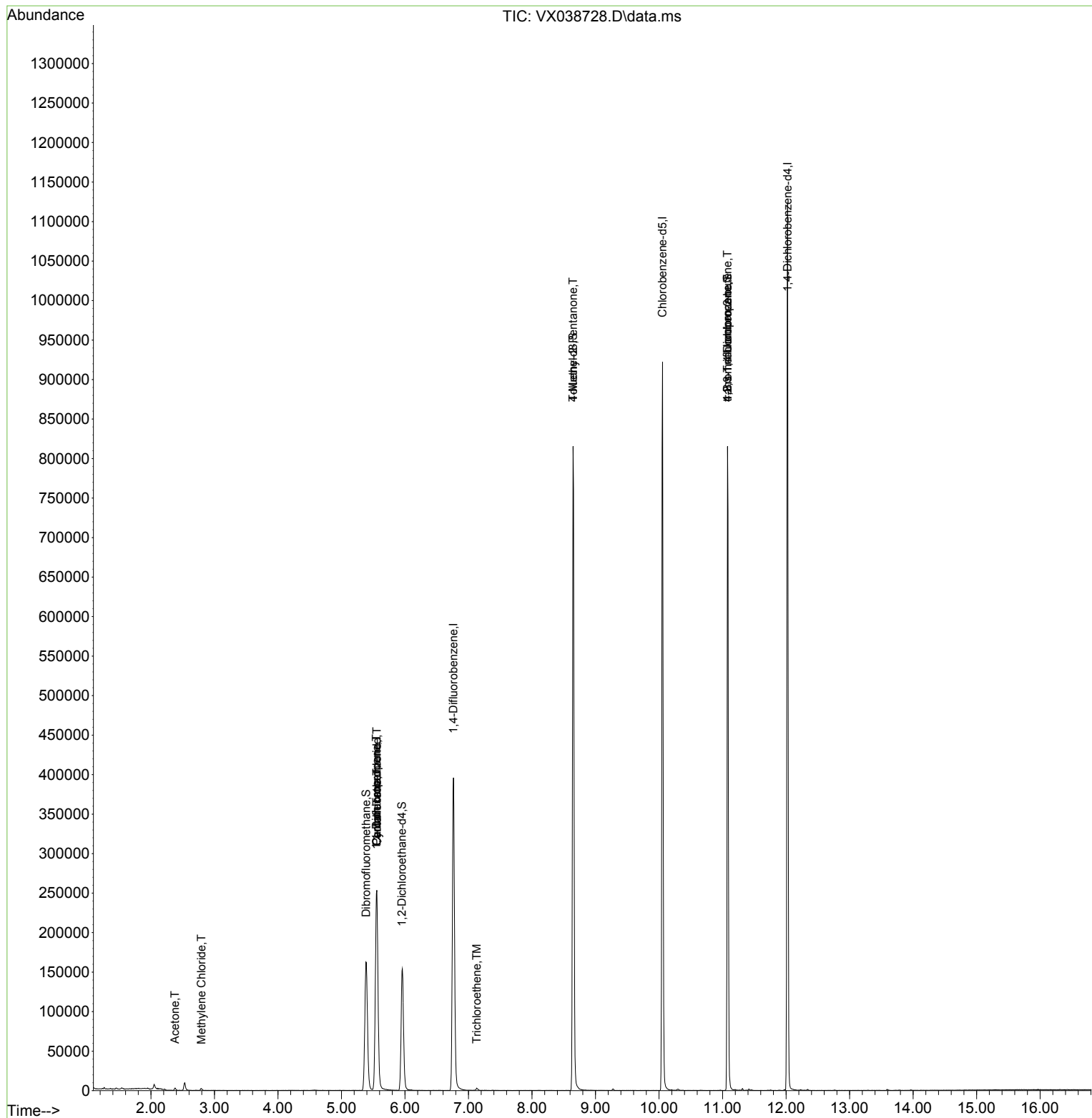
Internal Standards						
1) Pentafluorobenzene	5.556	168	266656	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	442492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154768	46.620	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.240%
35) Dibromofluoromethane	5.385	113	146635	46.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.647	98	526874	46.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.400%
62) 4-Bromofluorobenzene	11.079	95	222570	50.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	3012	2.154	ug/l	97
20) Methylene Chloride	2.794	84	1198	0.425	ug/l #	72
31) Cyclohexane	5.556	56	4072	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17322	4.376	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24762	5.595	ug/l #	16
44) Trichloroethene	7.129	130	1237	0.349	ug/l	59
51) 4-Methyl-2-Pentanone	8.647	43	1720	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106021	20.559	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106021	62.641	ug/l #	5

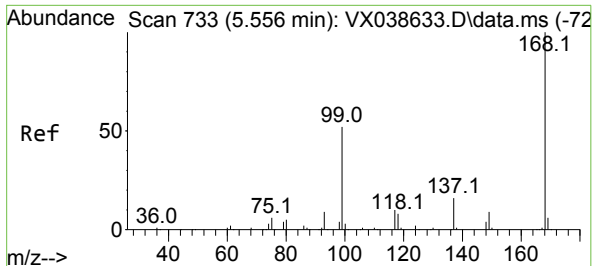
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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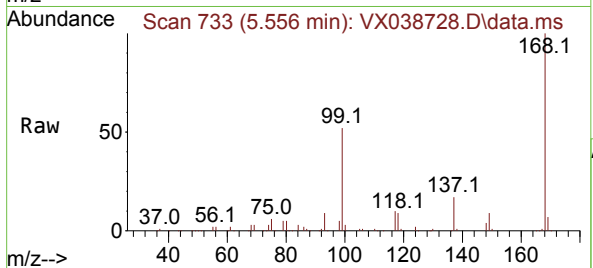
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



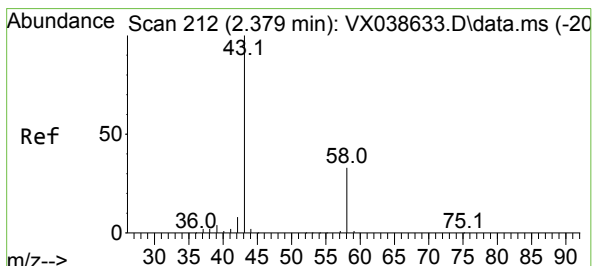
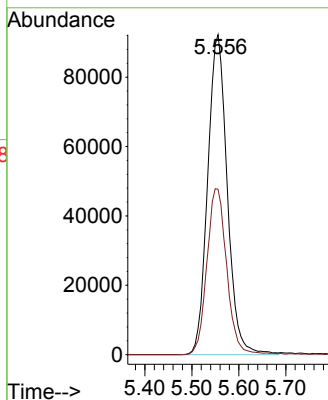
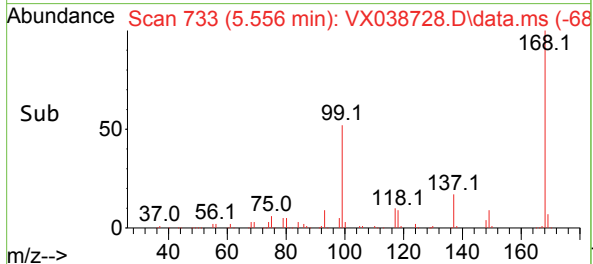


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :

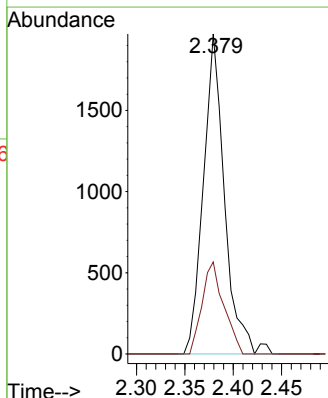
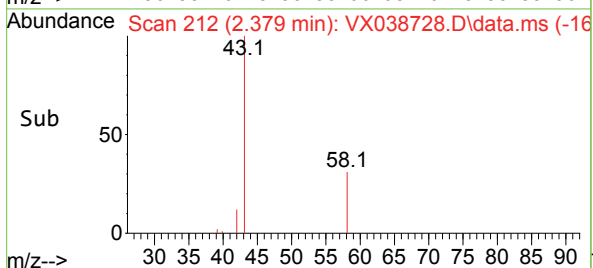
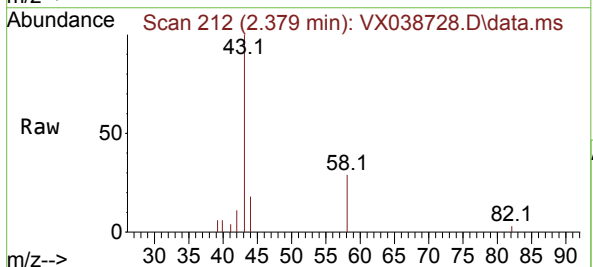


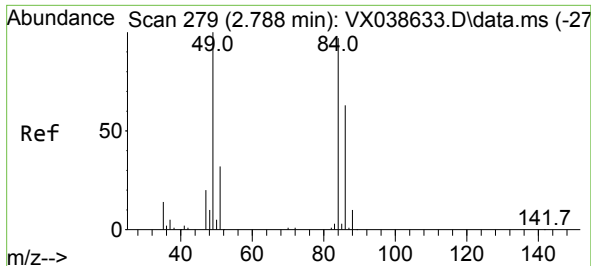
Tgt Ion:168 Resp: 266656
Ion Ratio Lower Upper
168 100
99 51.7 56.6 85.0#



#16
Acetone
Concen: 2.154 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

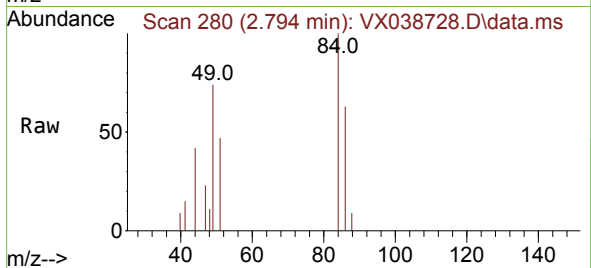
Tgt Ion: 43 Resp: 3012
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9



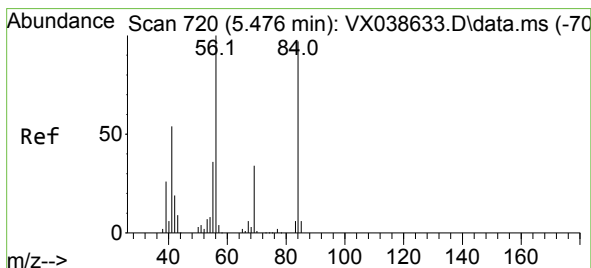
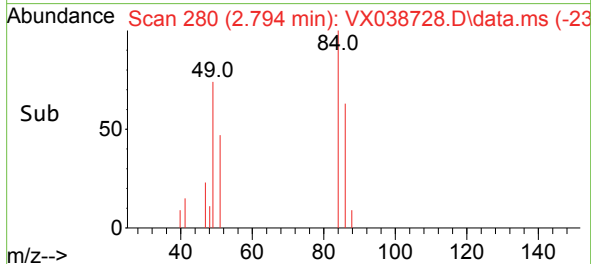
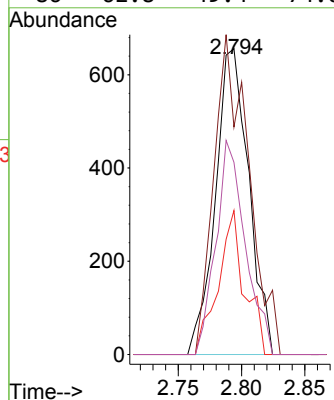


#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :

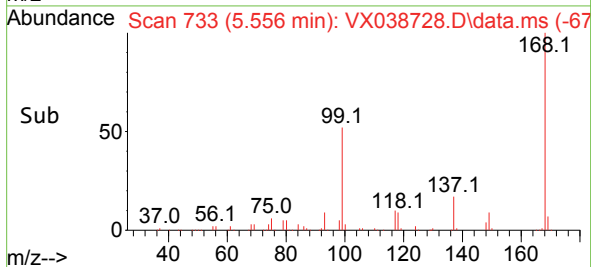
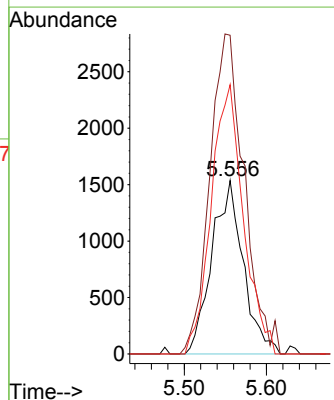
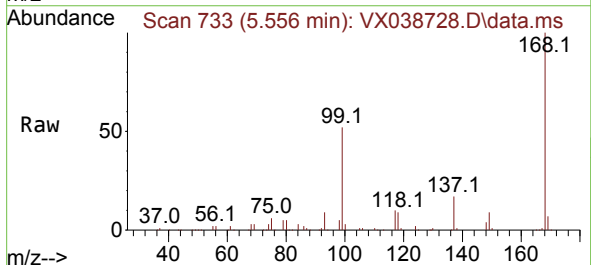


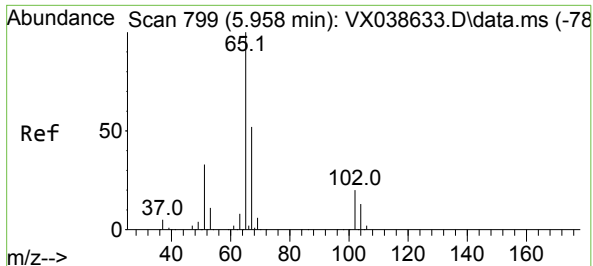
Tgt Ion:	84	Resp:	1198
Ion	Ratio	Lower	Upper
84	100		
49	74.4	103.6	155.4#
51	47.1	33.8	50.6
86	62.8	49.4	74.0



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Tgt Ion:	56	Resp:	4072
Ion	Ratio	Lower	Upper
56	100		
69	183.8	23.4	35.2#
84	155.3	65.9	98.9#

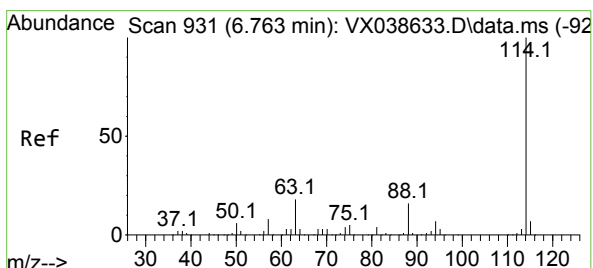
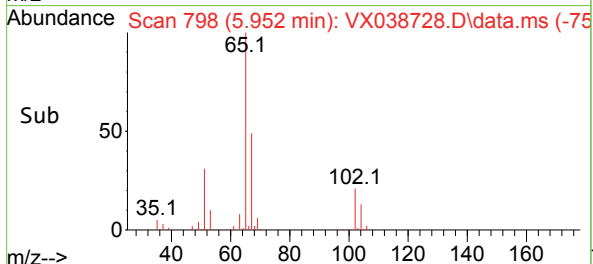
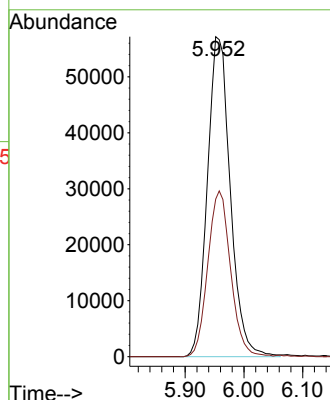
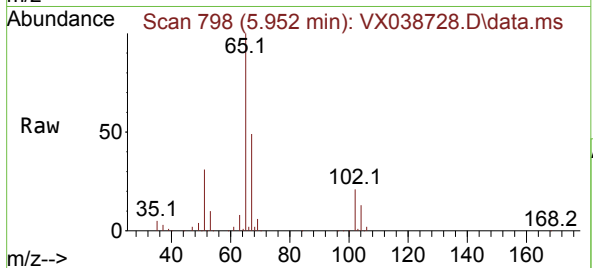




#33
1,2-Dichloroethane-d4
Concen: 46.620 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

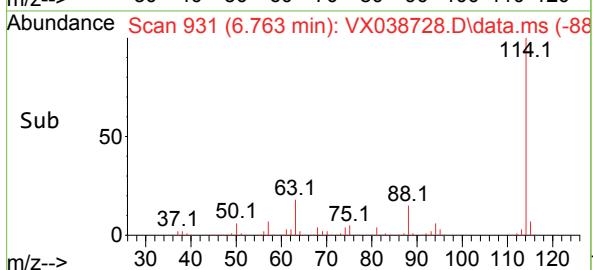
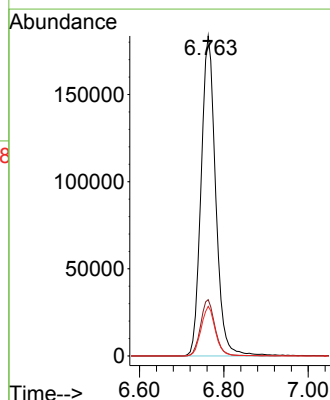
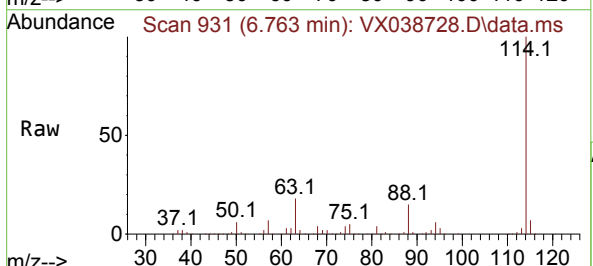
Instrument :
MSVOA_X
ClientSampleId :

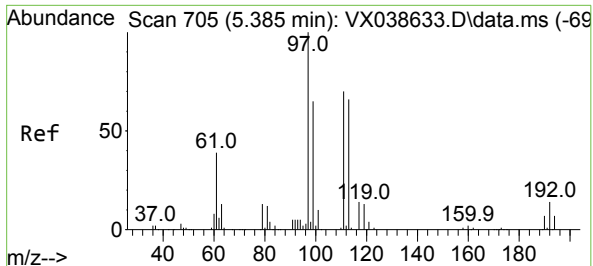
Tgt Ion: 65 Resp: 154768
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Tgt Ion:114 Resp: 442492
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.011 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

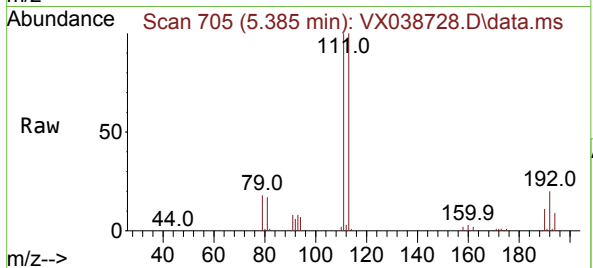
Lab File: VX038728.D

Acq: 10 Nov 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :



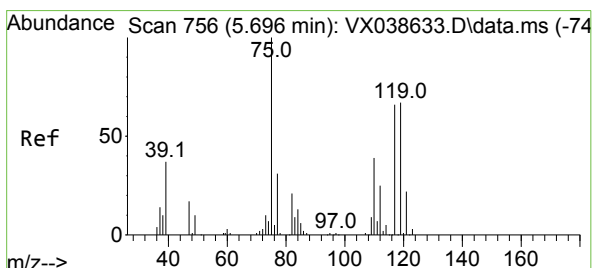
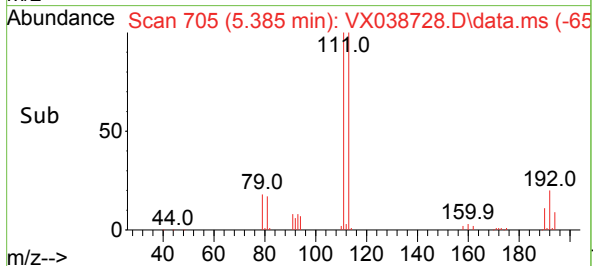
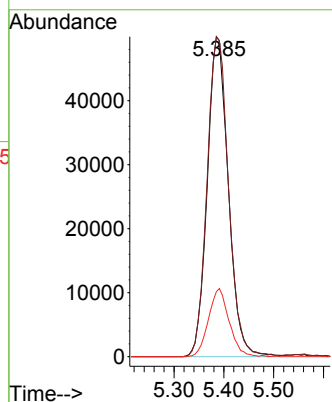
Tgt Ion:113 Resp: 146635

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 20.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.376 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX038728.D

Acq: 10 Nov 2023 15:01

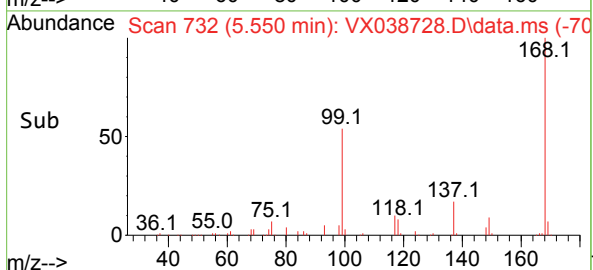
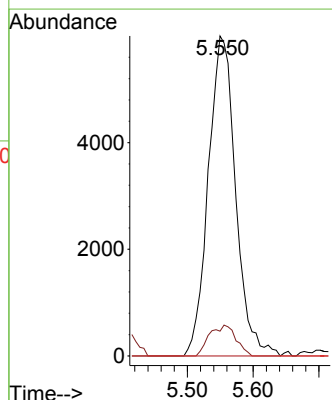
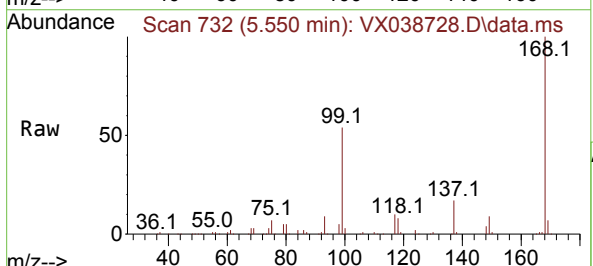
Tgt Ion: 75 Resp: 17322

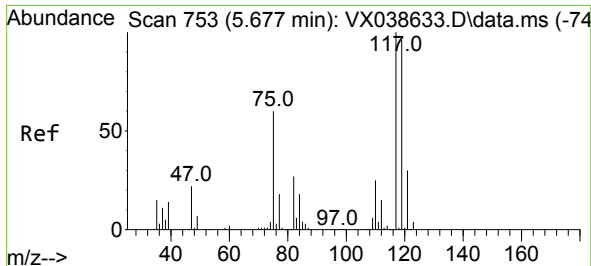
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

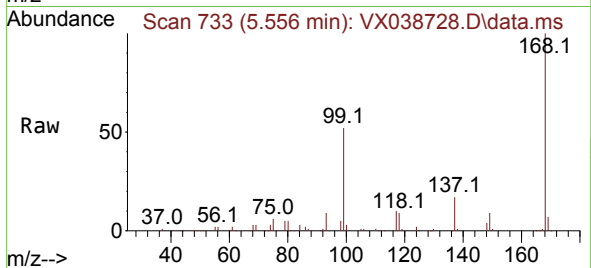
77 0.0 24.7 37.1#



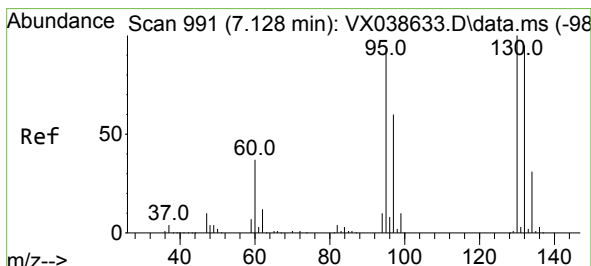
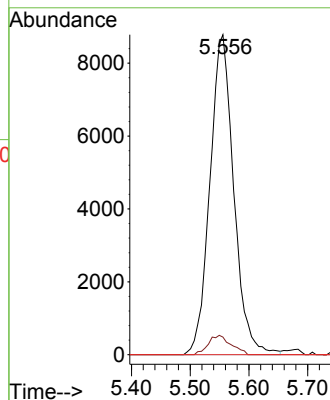
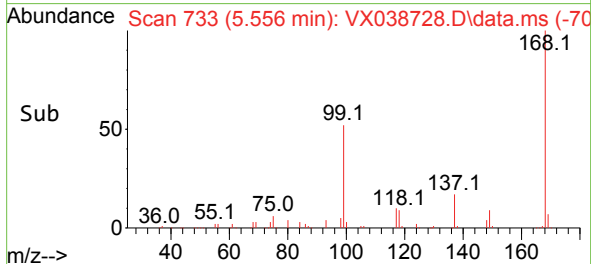


#38
Carbon Tetrachloride
Concen: 5.595 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :

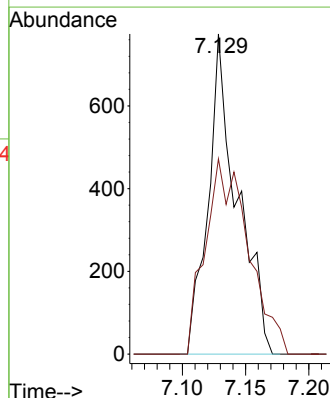
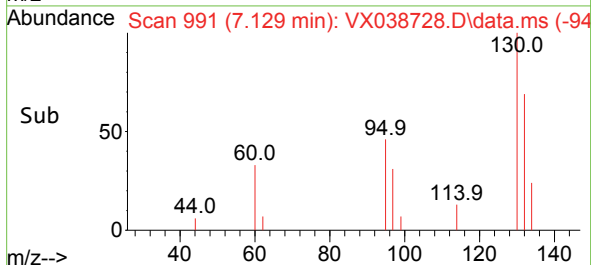
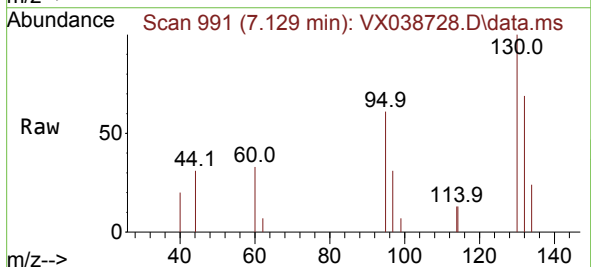


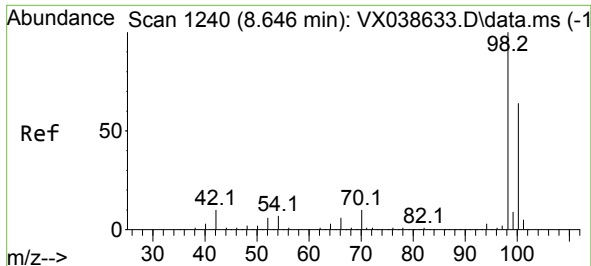
Tgt Ion:117 Resp: 24762
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.349 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Tgt Ion:130 Resp: 1237
Ion Ratio Lower Upper
130 100
95 61.0 0.0 204.4

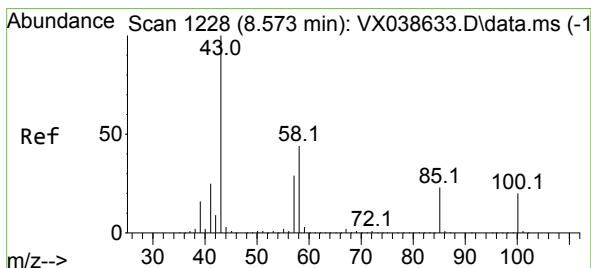
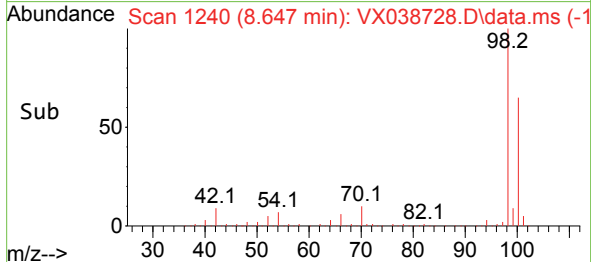
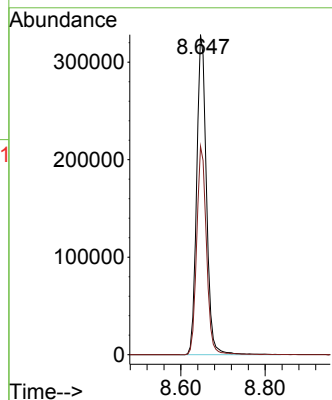
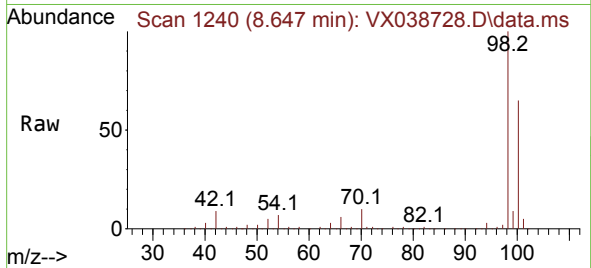




#50
Toluene-d8
Concen: 46.200 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

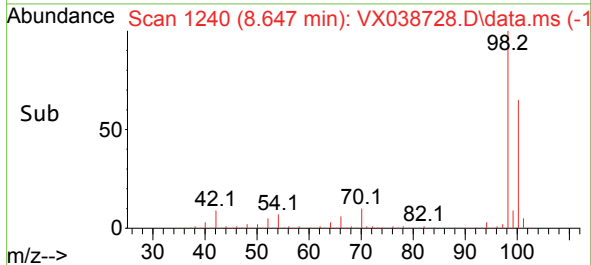
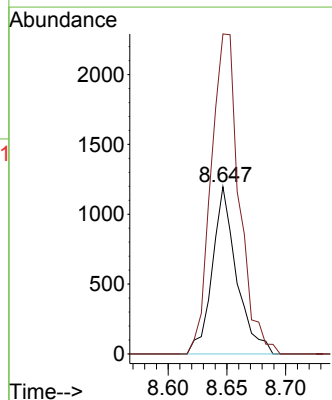
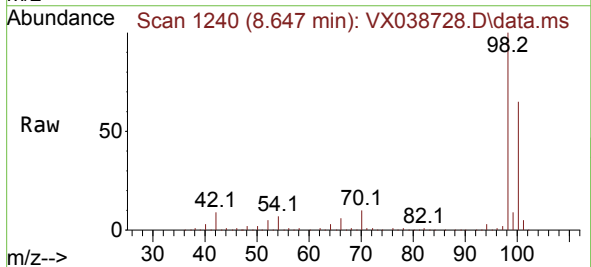
Instrument :
MSVOA_X
ClientSampleId :

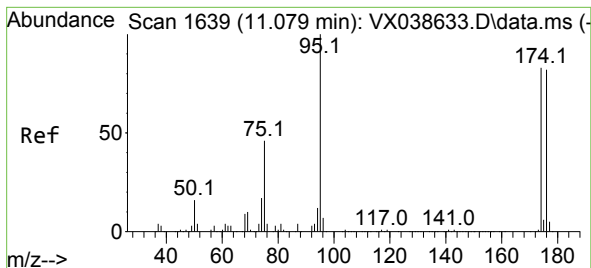
Tgt Ion: 98 Resp: 526874
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 222.2 30.4 45.6#

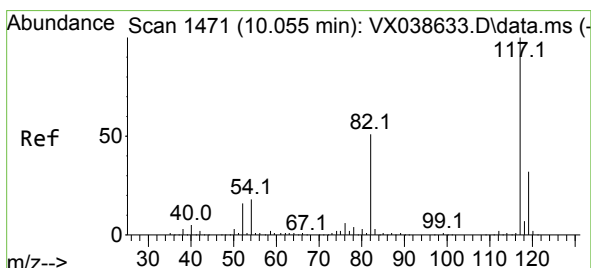
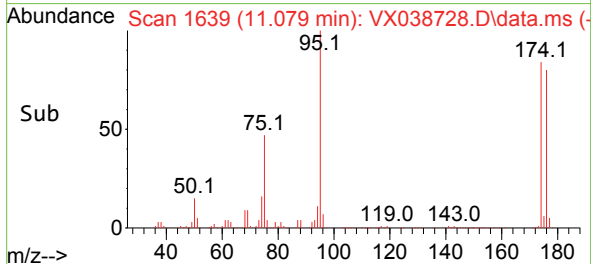
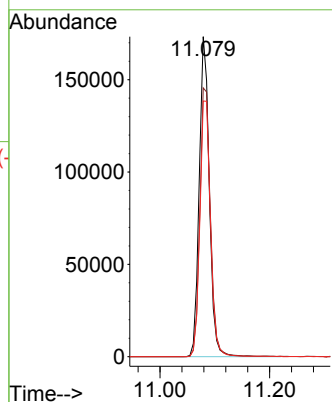
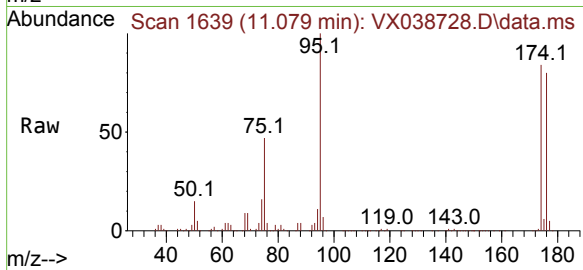




#62
4-Bromofluorobenzene
Concen: 50.338 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

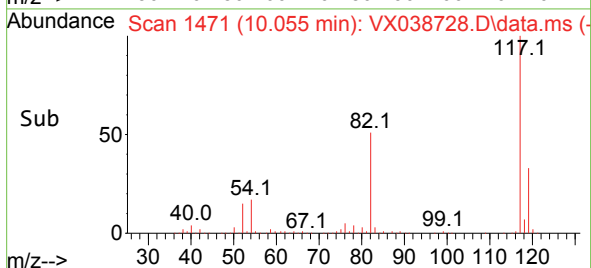
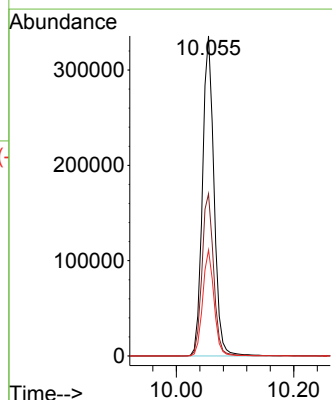
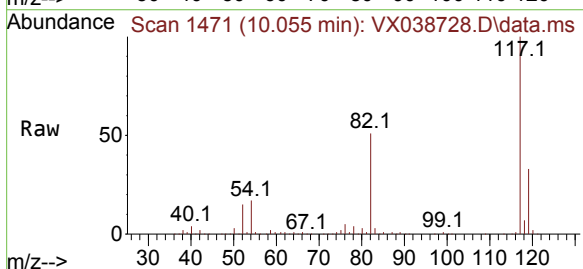
Instrument :
MSVOA_X
ClientSampleId :

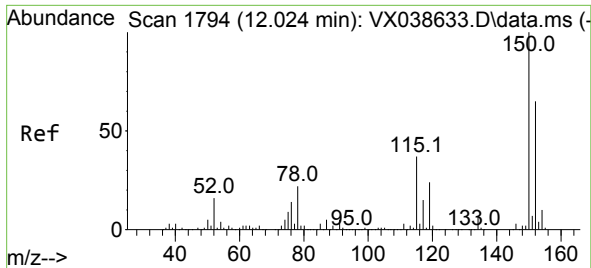
Tgt Ion: 95 Resp: 222570
Ion Ratio Lower Upper
95 100
174 88.4 0.0 135.6
176 84.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Tgt Ion: 117 Resp: 457739
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 33.1 25.5 38.3

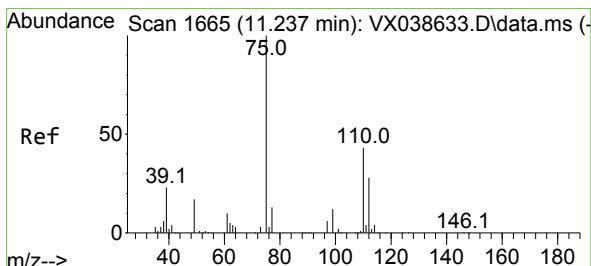
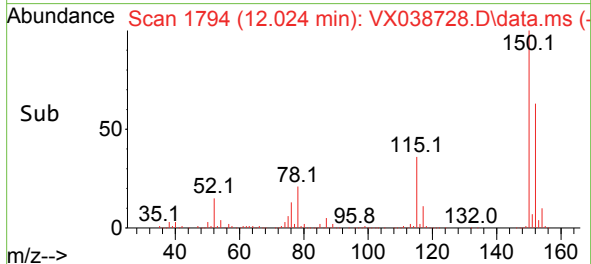
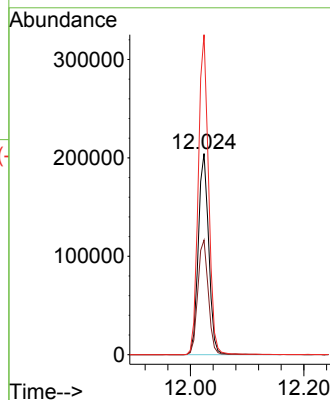
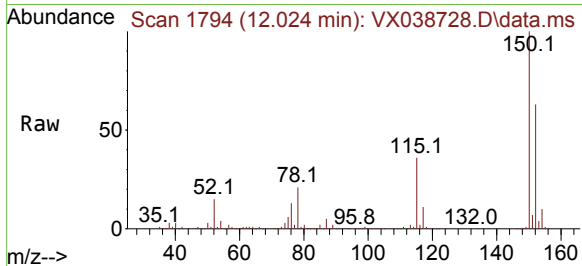




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

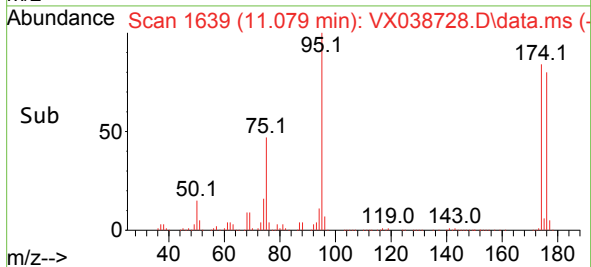
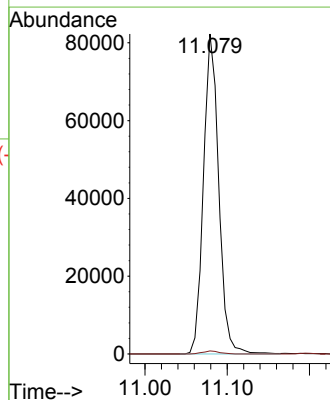
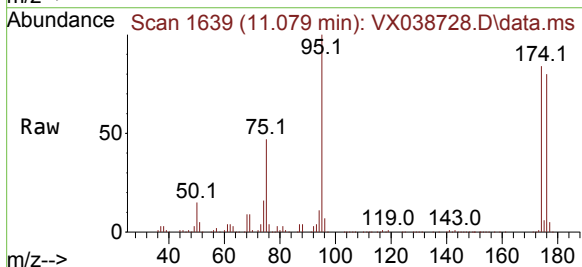
Instrument :
MSVOA_X
ClientSampleId :

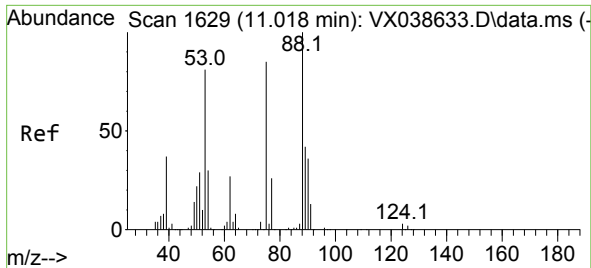
Tgt Ion:152 Resp: 260389
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 157.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

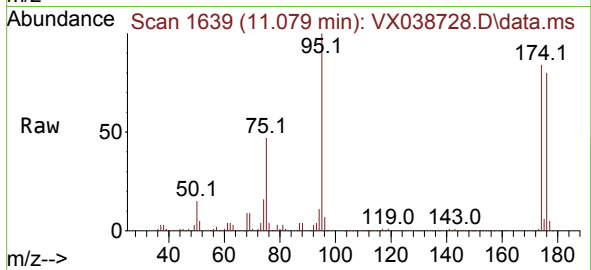
Tgt Ion: 75 Resp: 106021
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.641 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038728.D
Acq: 10 Nov 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 106021
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

