

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036210.D
 Acq On : 19 Jun 2023 16:51
 Operator : JC/MD
 Sample : 03238-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 03:44:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

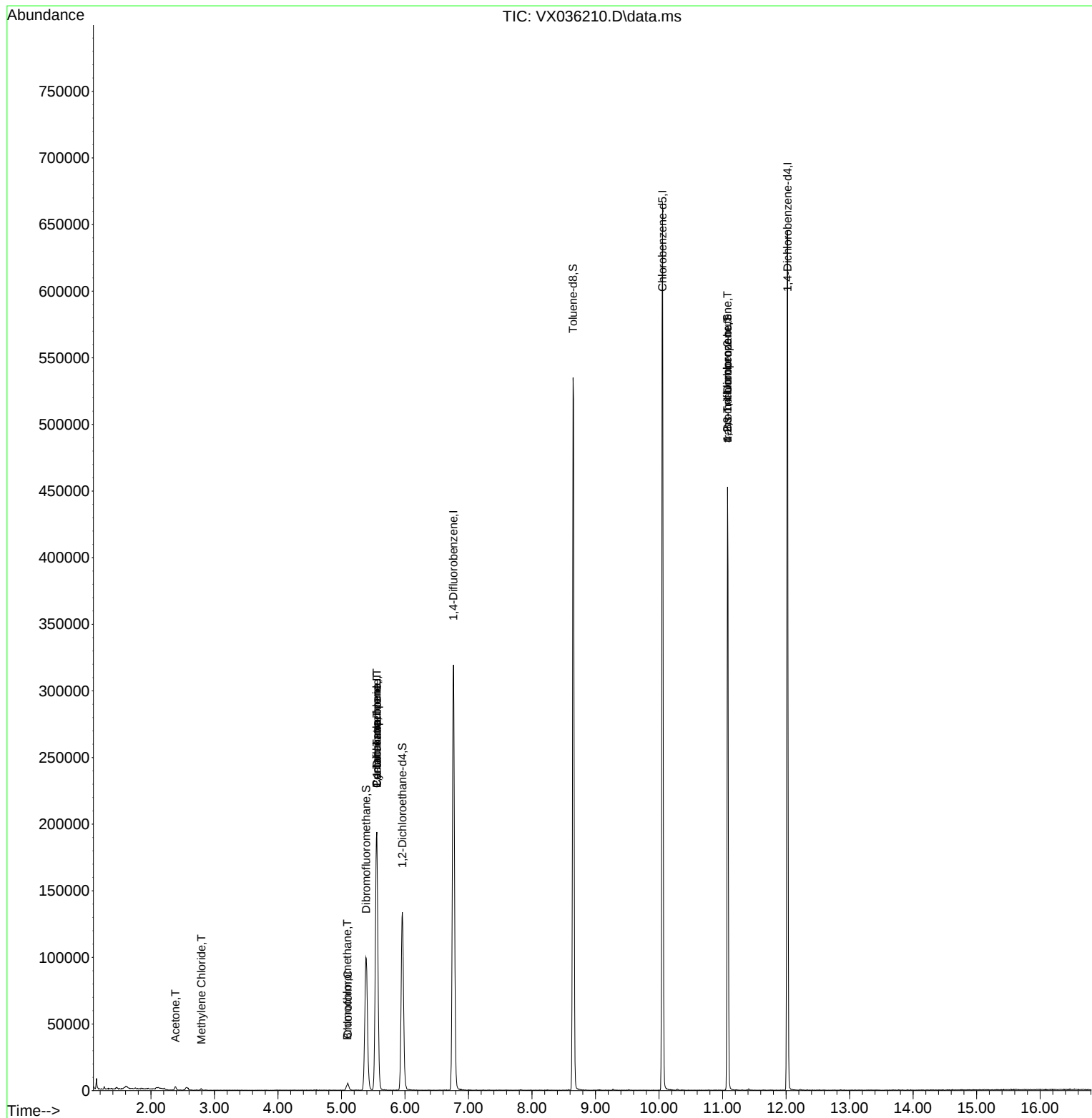
Internal Standards						
1) Pentafluorobenzene	5.556	168	163127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137099	45.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.385	113	87902	43.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.540%
50) Toluene-d8	8.646	98	305792	41.154	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.300%#
62) 4-Bromofluorobenzene	11.079	95	118726	39.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.160%#
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	3076	2.484	ug/l #	88
20) Methylene Chloride	2.794	84	483	0.215	ug/l #	80
28) Bromochloromethane	5.092	49	442	0.216	ug/l #	16
30) Chloroform	5.098	83	5886	1.426	ug/l	98
31) Cyclohexane	5.556	56	4294	1.343	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15844	5.295	ug/l #	52
38) Carbon Tetrachloride	5.556	117	19208	6.603	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	66589	23.196	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66589	81.191	ug/l #	5

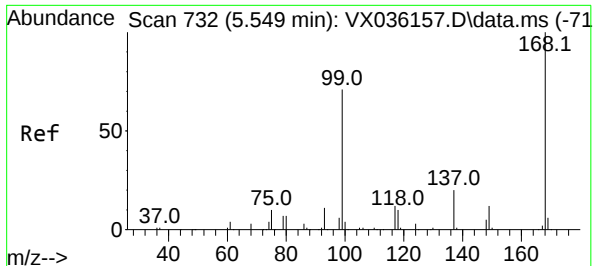
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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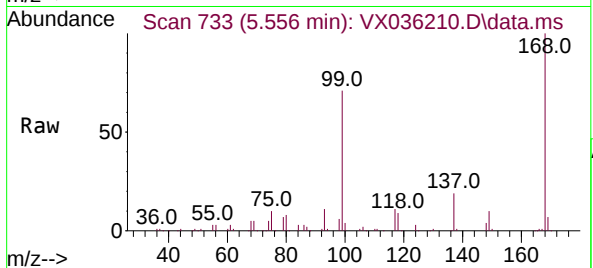
Quant Time: Jun 20 03:44:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



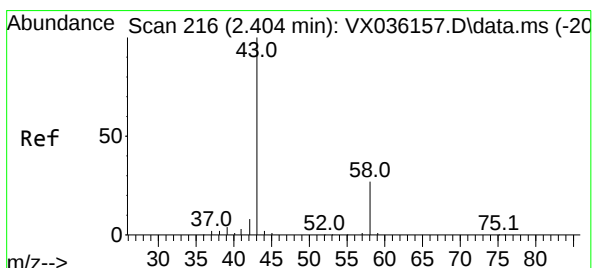
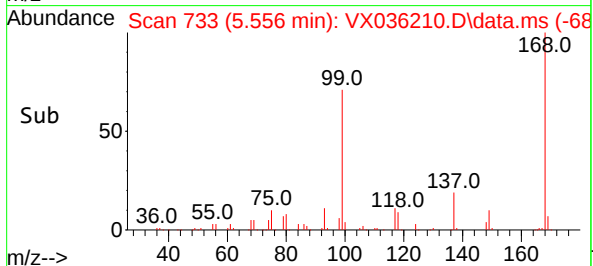
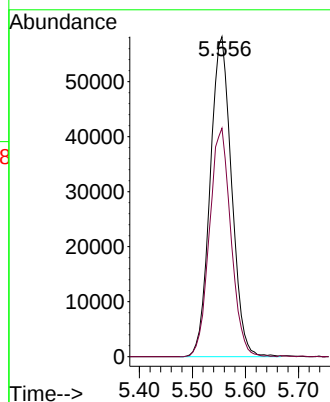


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

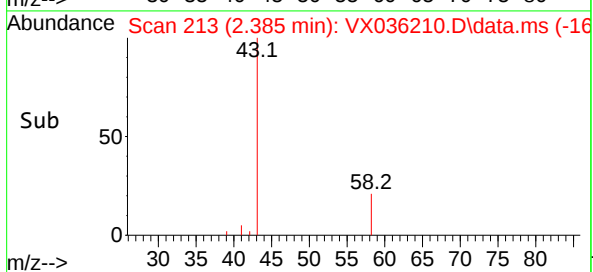
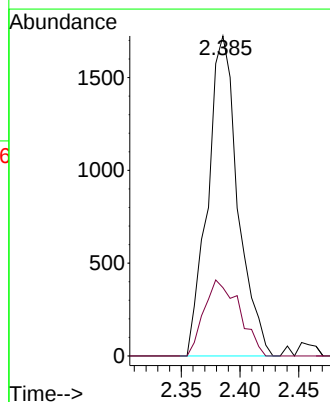
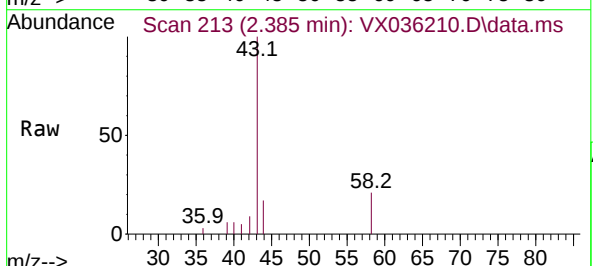


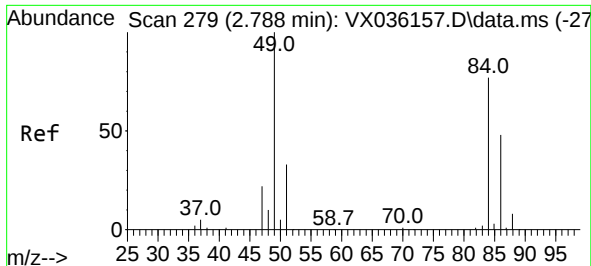
Tgt Ion:168 Resp: 163127
Ion Ratio Lower Upper
168 100
99 71.4 56.6 85.0



#16
Acetone
Concen: 2.484 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
58 21.3 21.9 32.9#

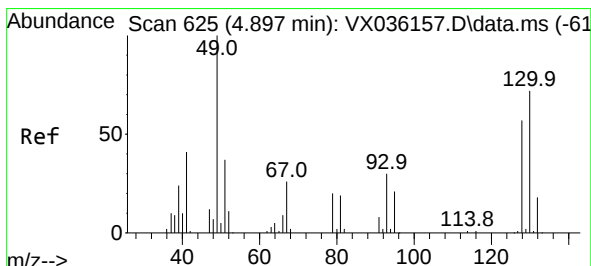
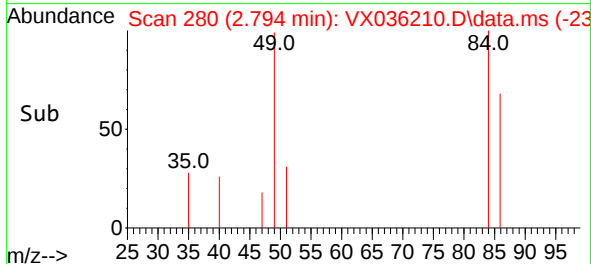
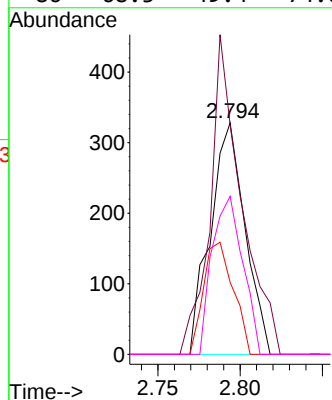
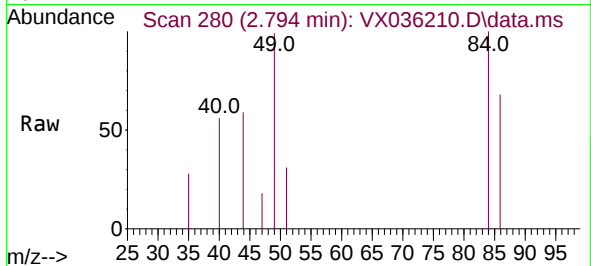




#20
Methylene Chloride
Concen: 0.215 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

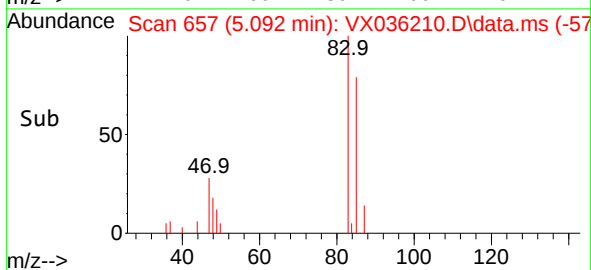
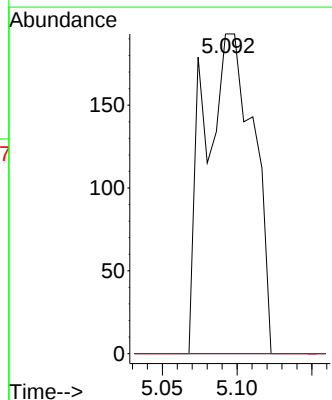
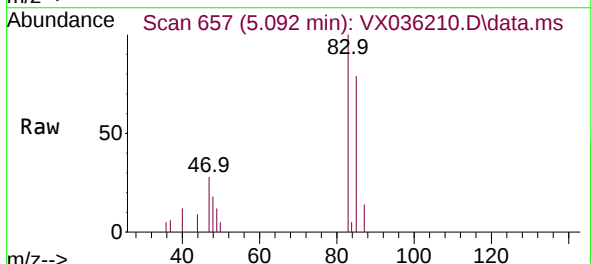
Instrument :
MSVOA_X
ClientSampleId :

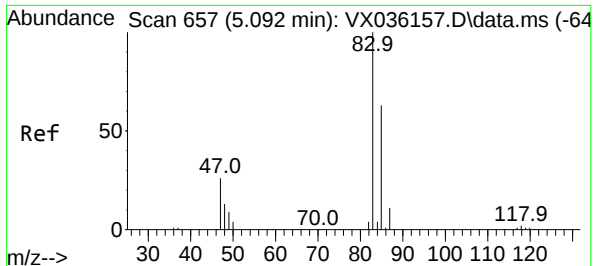
Tgt Ion: 84	Resp: 483
Ion Ratio	Lower Upper
84 100	
49 99.1	103.6 155.4#
51 31.1	33.8 50.6#
86 68.3	49.4 74.0



#28
Bromochloromethane
Concen: 0.216 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Tgt Ion: 49	Resp: 442
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 0.0	57.5 86.3#

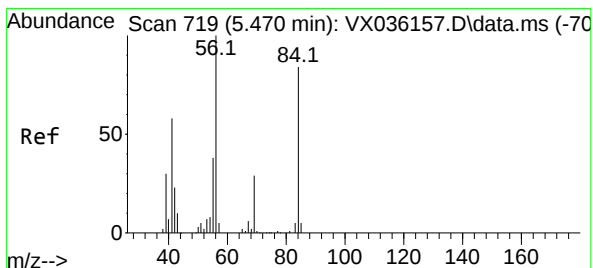
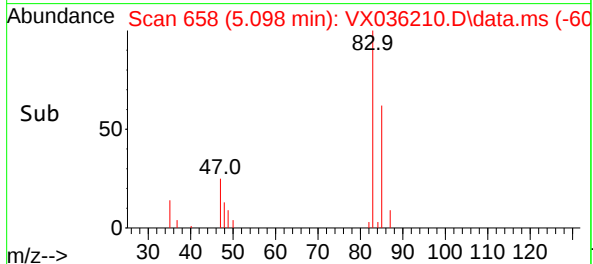
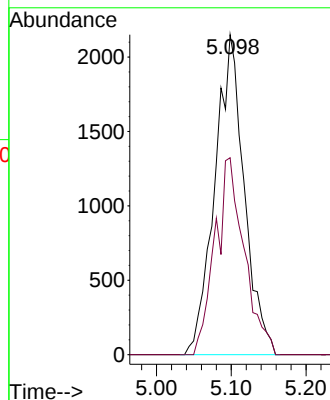
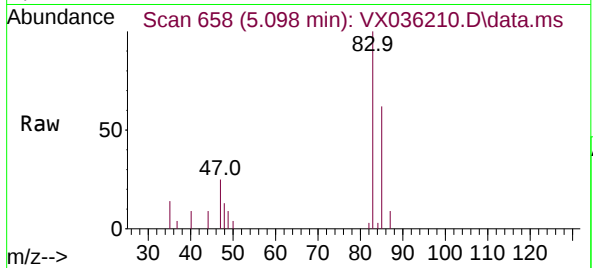




#30
Chloroform
Concen: 1.426 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

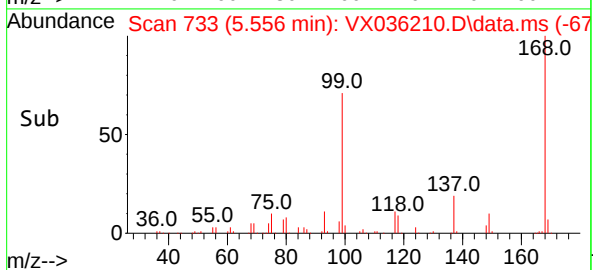
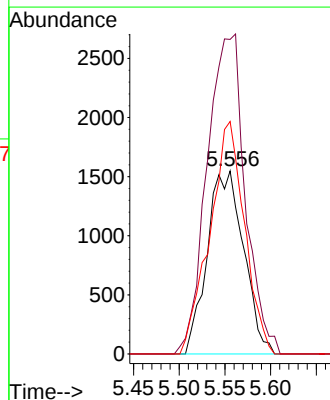
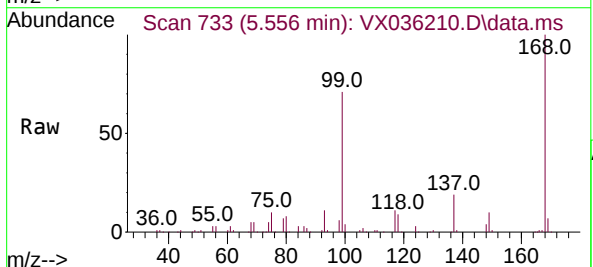
Instrument :
MSVOA_X
ClientSampleId :

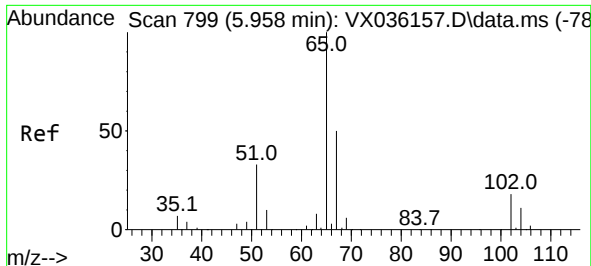
Tgt Ion: 83 Resp: 5886
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Tgt Ion: 56 Resp: 4294
Ion Ratio Lower Upper
56 100
69 171.8 23.4 35.2#
84 127.0 65.9 98.9#

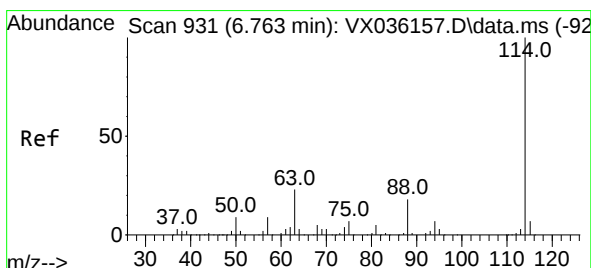
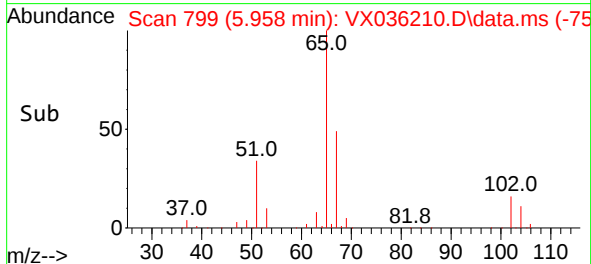
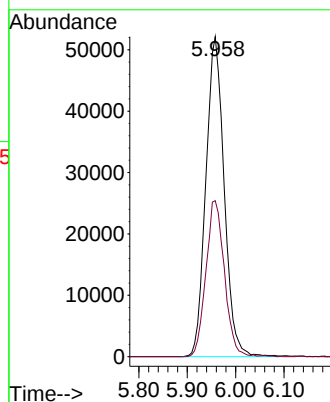
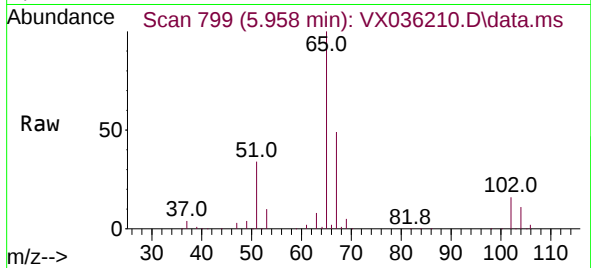




#33
 1,2-Dichloroethane-d4
 Concen: 45.990 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX036210.D
 Acq: 19 Jun 2023 16:51

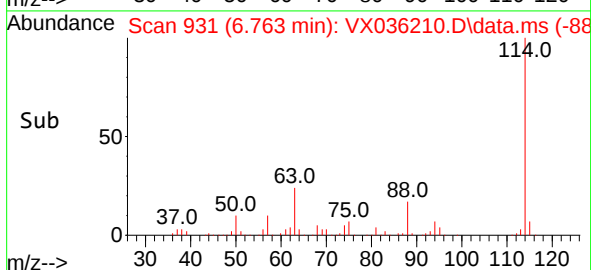
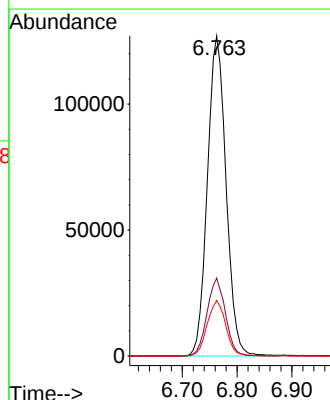
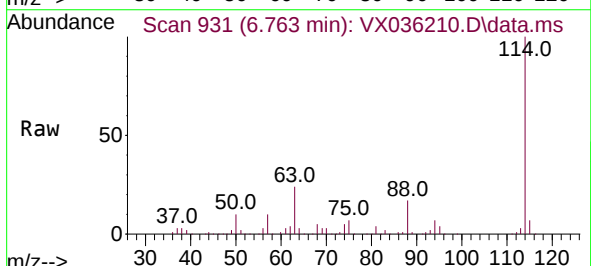
Instrument :
 MSVOA_X
 ClientSampleId :

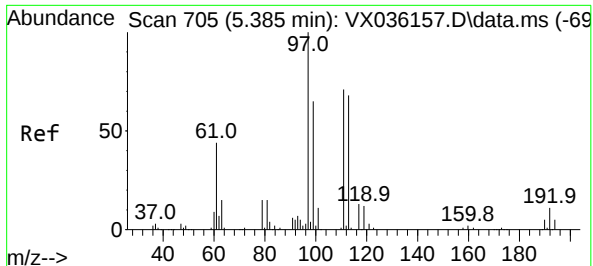
Tgt Ion: 65 Resp: 137099
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036210.D
 Acq: 19 Jun 2023 16:51

Tgt Ion: 114 Resp: 299557
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 45.0
 88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.273 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

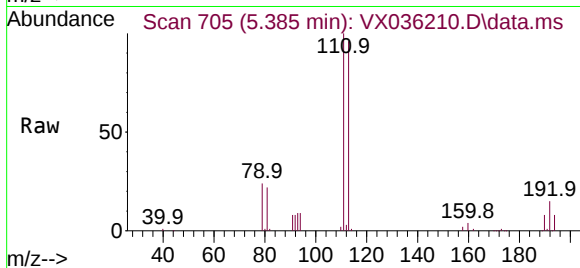
Lab File: VX036210.D

Acq: 19 Jun 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :



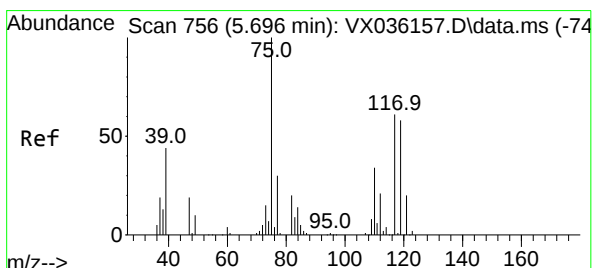
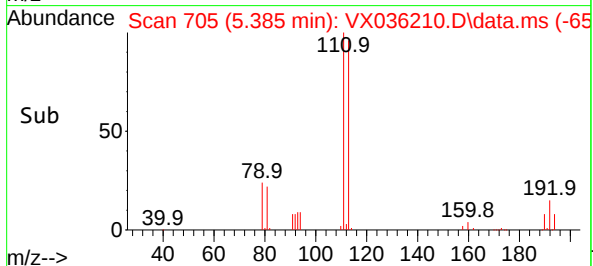
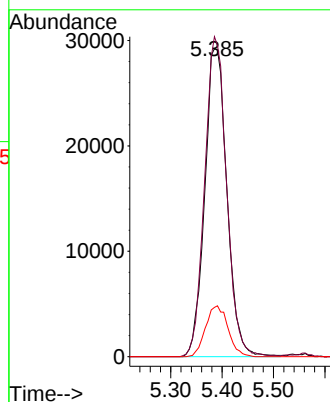
Tgt Ion:113 Resp: 87902

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.295 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX036210.D

Acq: 19 Jun 2023 16:51

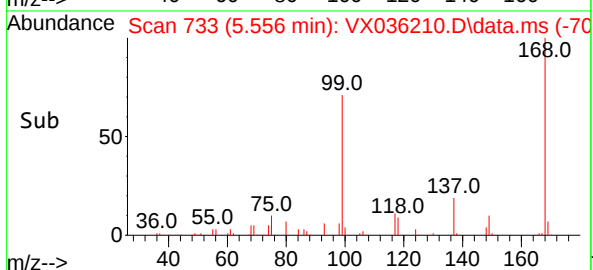
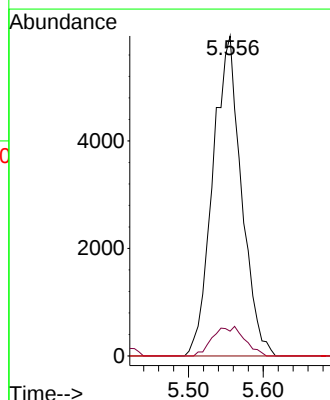
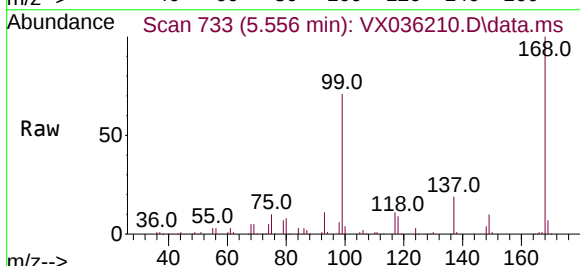
Tgt Ion: 75 Resp: 15844

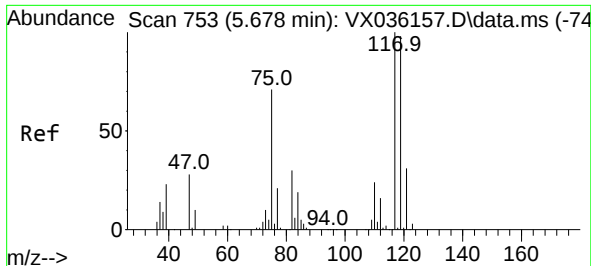
Ion Ratio Lower Upper

75 100

110 10.3 17.0 50.9#

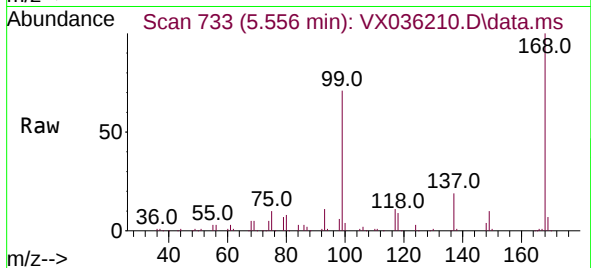
77 0.0 24.7 37.1#



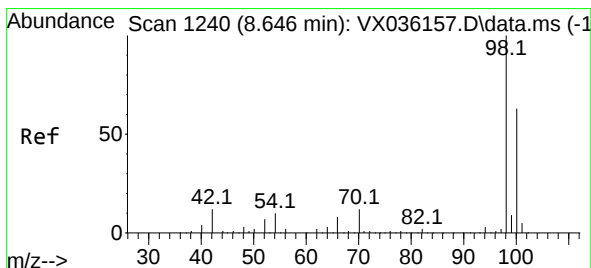
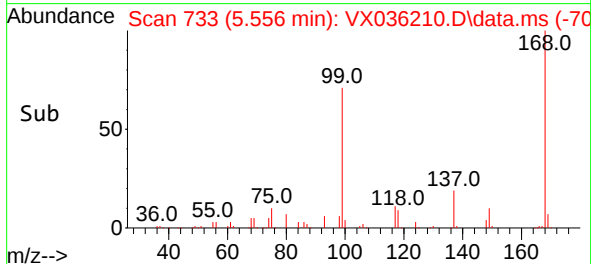
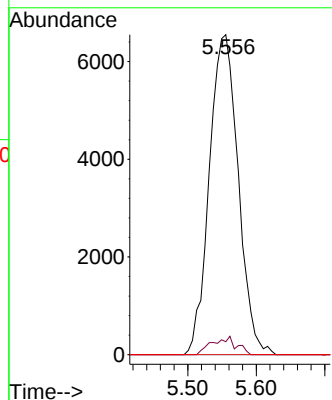


#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

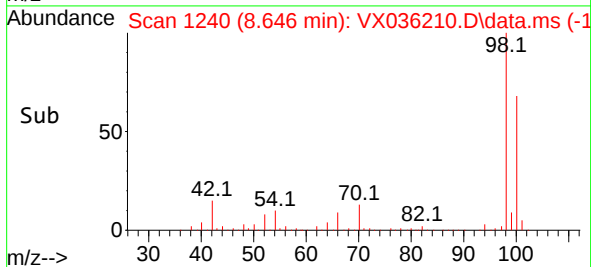
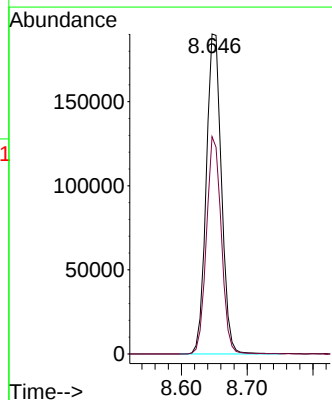
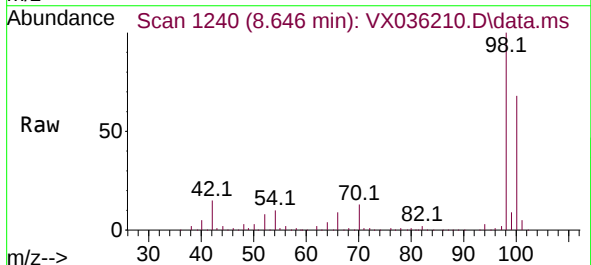


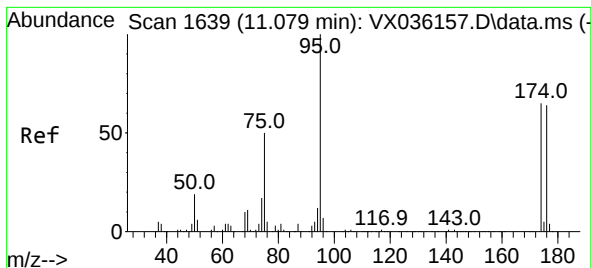
Tgt Ion:117 Resp: 19208
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 41.154 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Tgt Ion: 98 Resp: 305792
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

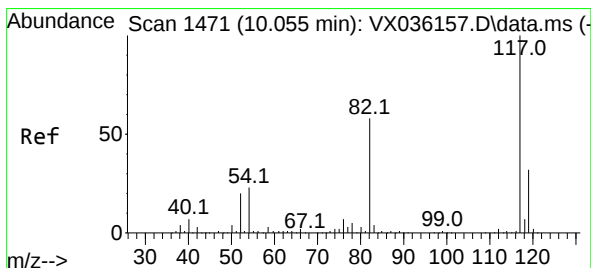
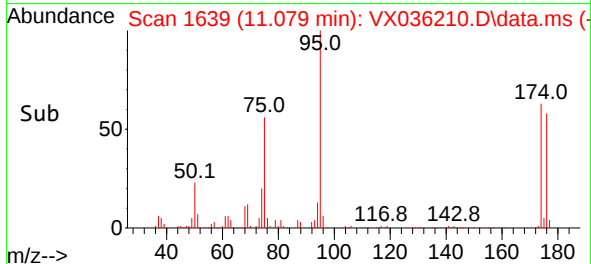
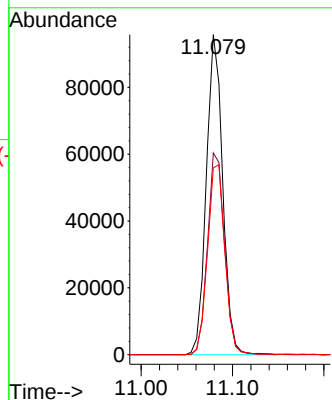
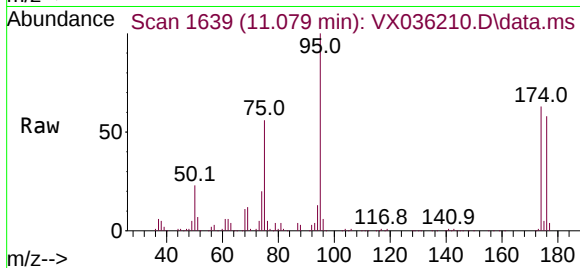




#62
4-Bromofluorobenzene
Concen: 39.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

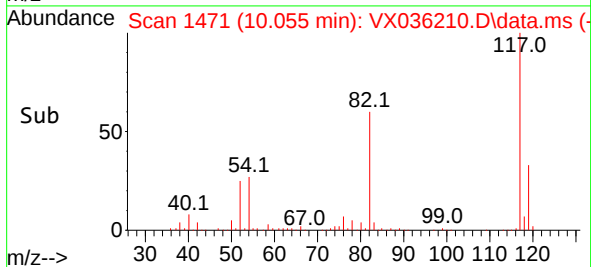
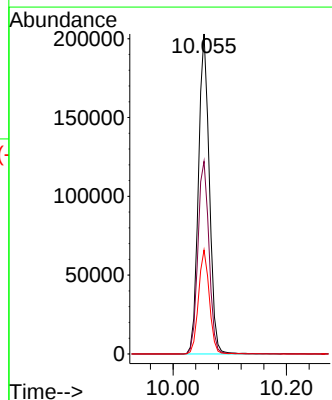
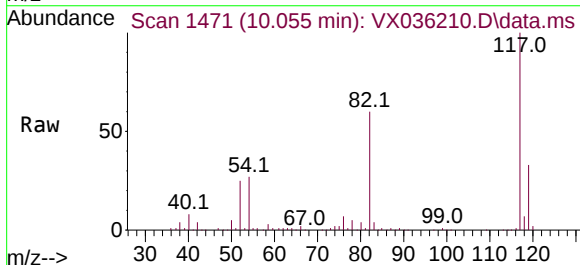
Instrument :
MSVOA_X
ClientSampleId :

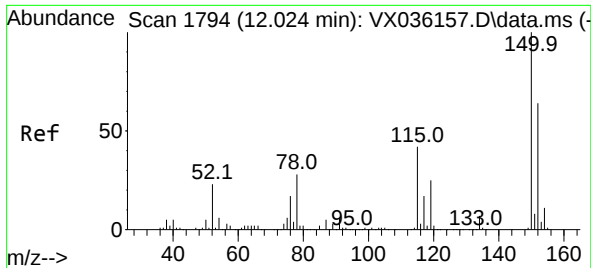
Tgt Ion: 95 Resp: 118726
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 62.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

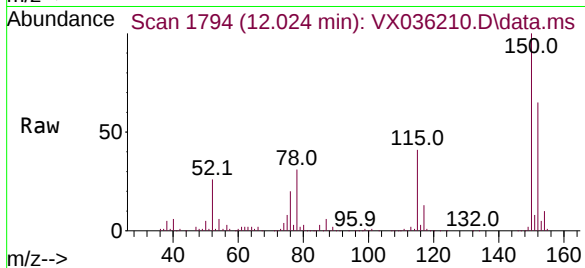
Tgt Ion: 117 Resp: 270009
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.5 25.5 38.3



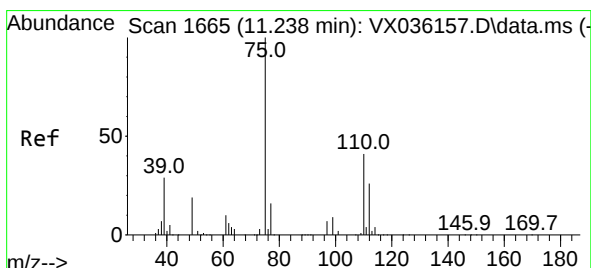
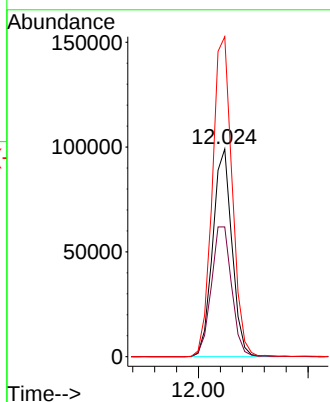
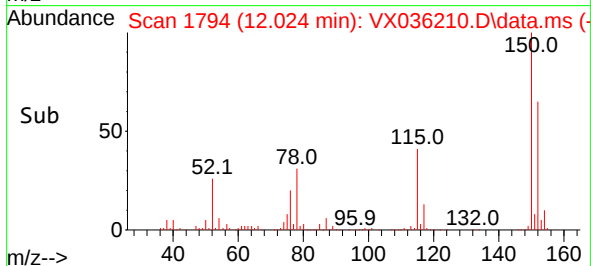


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

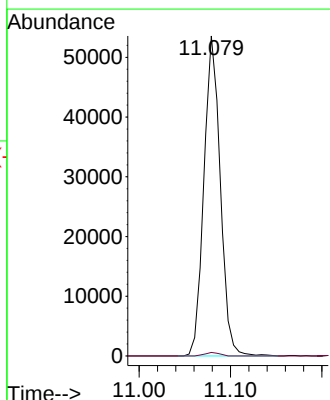
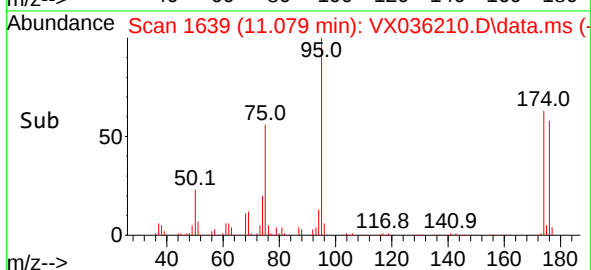
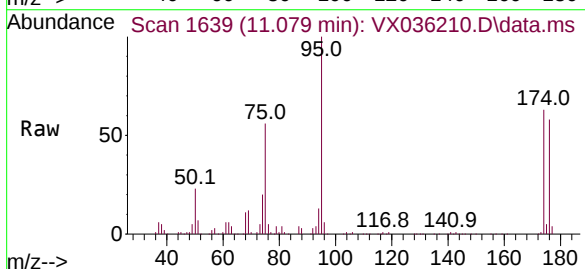


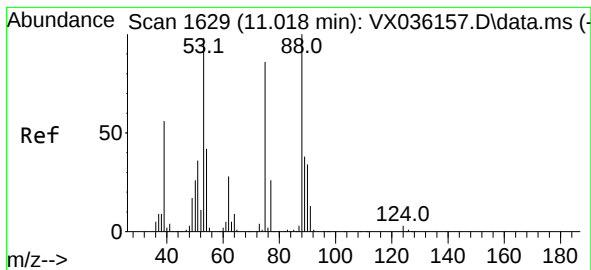
Tgt Ion:152 Resp: 120960
Ion Ratio Lower Upper
152 100
115 66.5 43.3 129.9
150 158.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

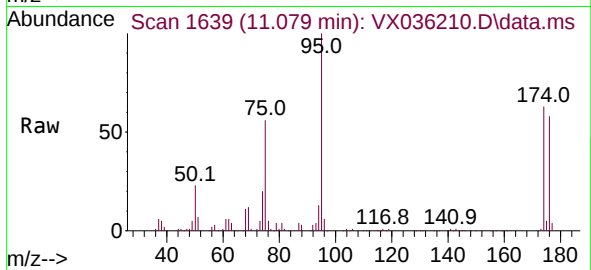
Tgt Ion: 75 Resp: 66589
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.191 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036210.D
Acq: 19 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 66589
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

