

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037828.D
 Acq On : 20 Sep 2023 13:10
 Operator : JC/MD
 Sample : 04526-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

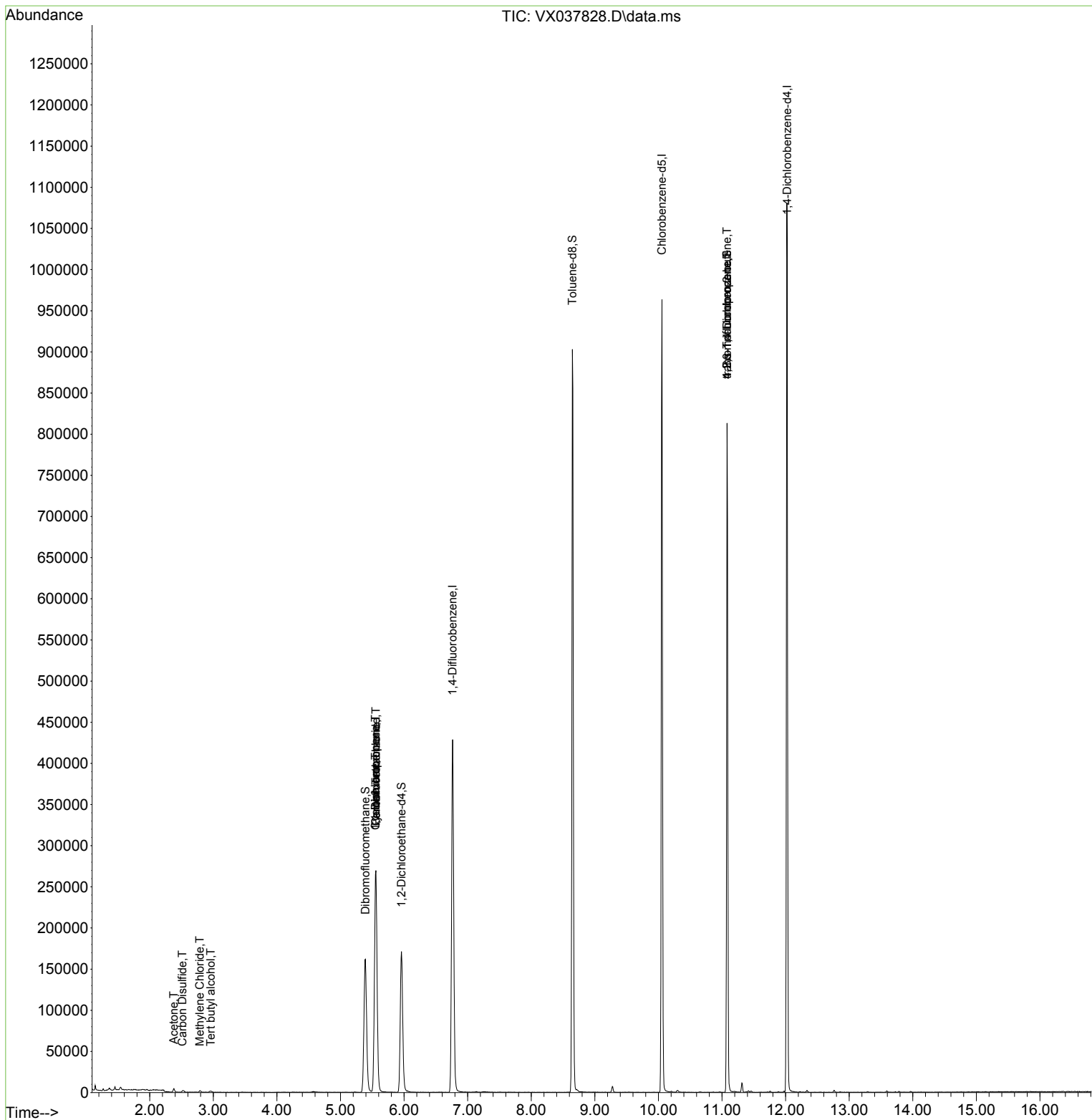
Quant Time: Sep 21 05:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

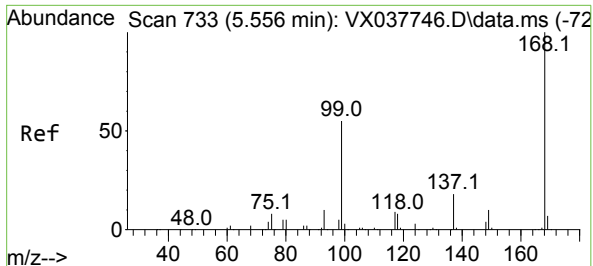
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	261160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165455	48.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.440%
35) Dibromofluoromethane	5.391	113	141137	47.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	543139	48.856	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	207143	51.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1760	2.390	ug/l	97
16) Acetone	2.380	43	4284	2.595	ug/l	90
17) Carbon Disulfide	2.514	76	1345	0.211	ug/l	95
20) Methylene Chloride	2.788	84	1022	0.310	ug/l #	78
31) Cyclohexane	5.550	56	5583	1.268	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19958	4.842	ug/l #	51
38) Carbon Tetrachloride	5.556	117	26742	6.201	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	106653	20.198	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	106653	64.702	ug/l #	5

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

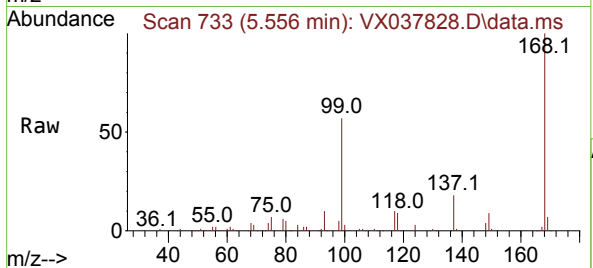
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



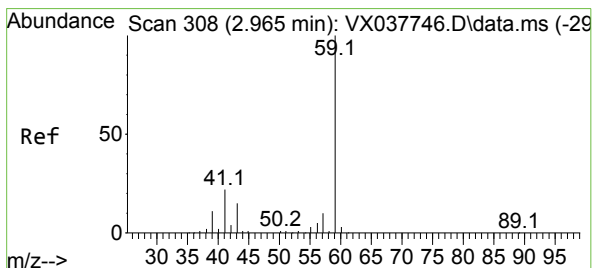
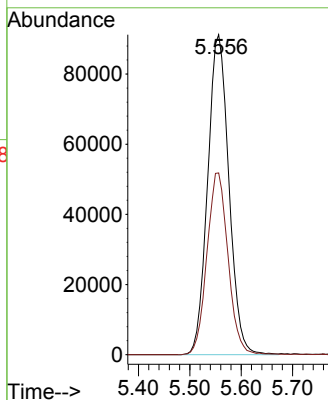
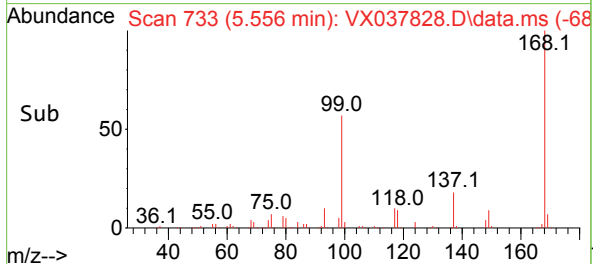


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

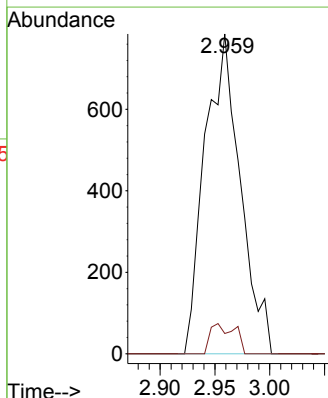
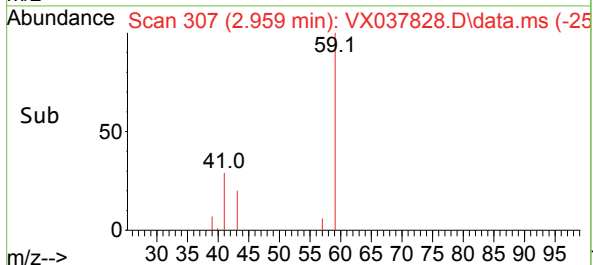
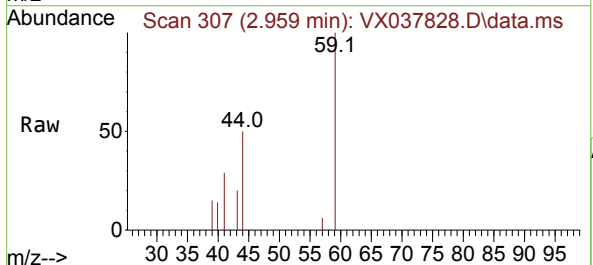


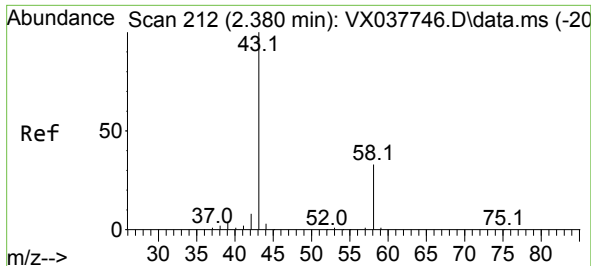
Tgt Ion:168 Resp: 261160
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.390 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Tgt Ion: 59 Resp: 1760
Ion Ratio Lower Upper
59 100
57 6.5 6.0 9.0

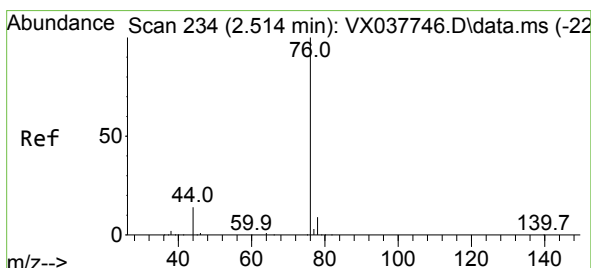
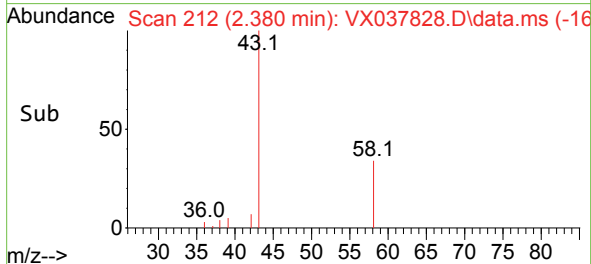
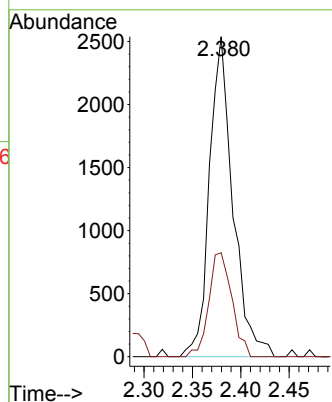
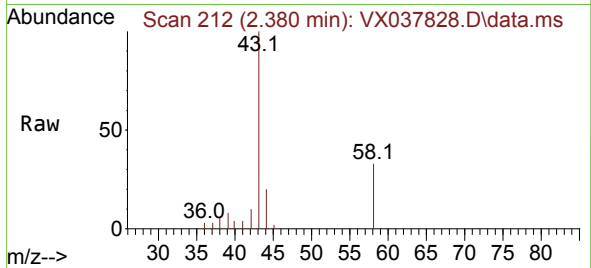




#16
Acetone
Concen: 2.595 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

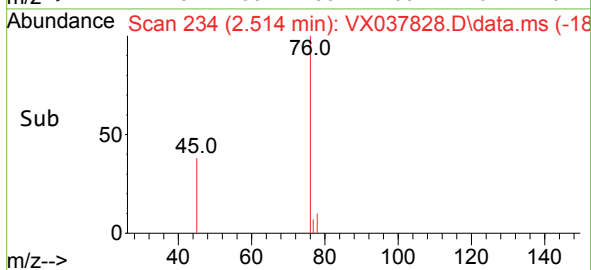
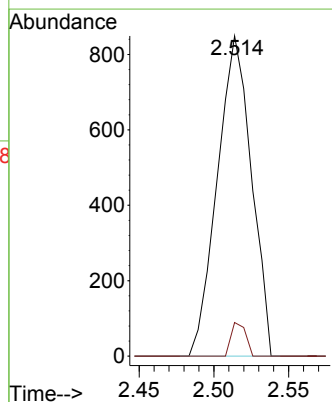
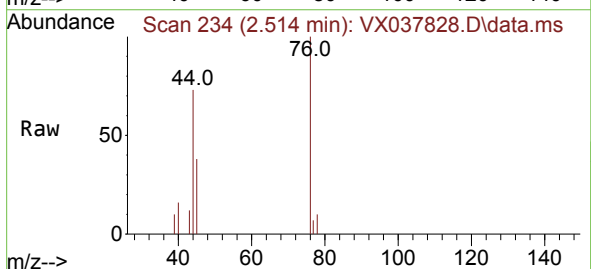
Instrument :
MSVOA_X
ClientSampleId :

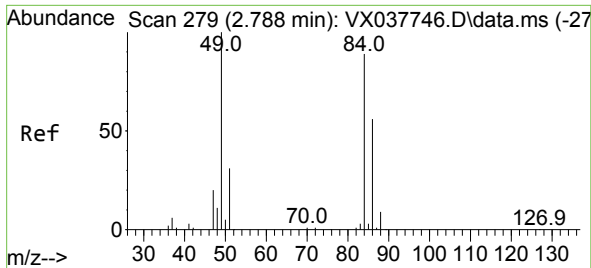
Tgt Ion: 43 Resp: 4284
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

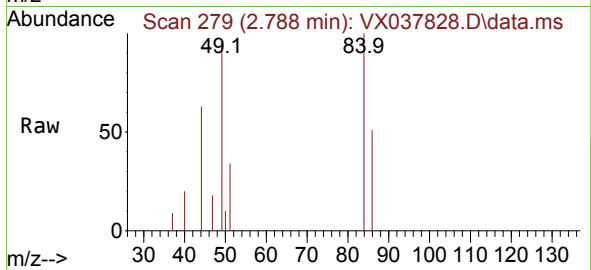
Tgt Ion: 76 Resp: 1345
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



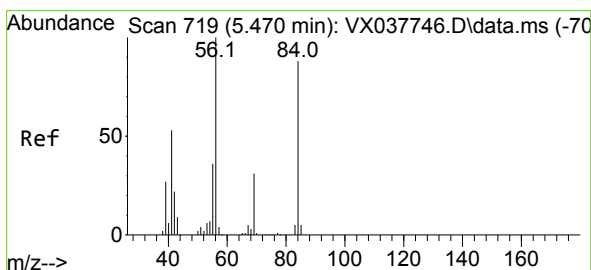
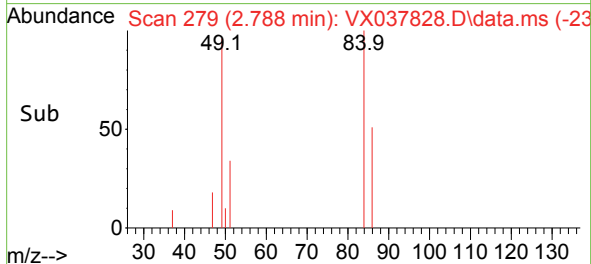
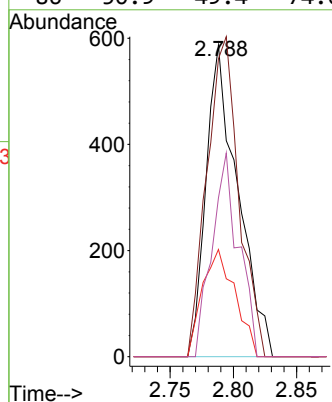


#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

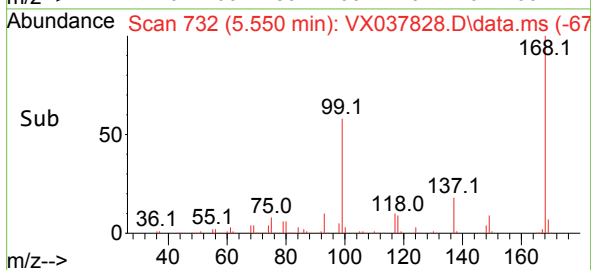
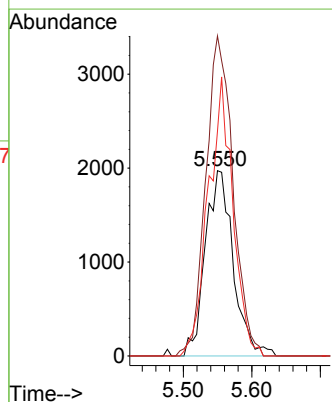
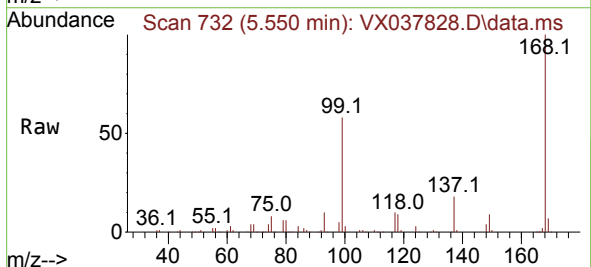


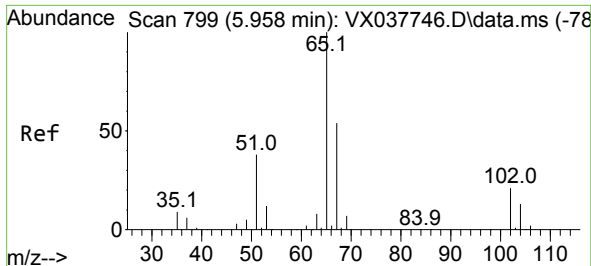
Tgt Ion: 84	Resp: 1022
Ion Ratio	Lower Upper
84 100	
49 95.6	103.6 155.4#
51 34.4	33.8 50.6
86 50.9	49.4 74.0



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Tgt Ion: 56	Resp: 5583		
Ion Ratio	Lower	Upper	
56 100			
69 172.8	23.4	35.2#	
84 121.3	65.9	98.9#	





#33

1,2-Dichloroethane-d4

Concen: 48.220 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037828.D

Acq: 20 Sep 2023 13:10

Instrument :

MSVOA_X

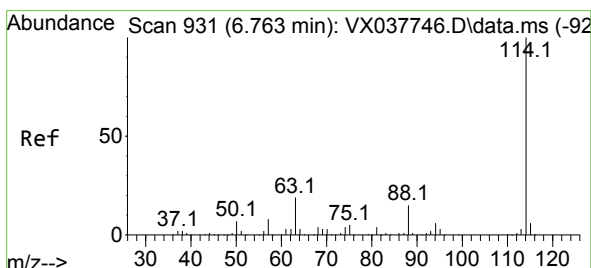
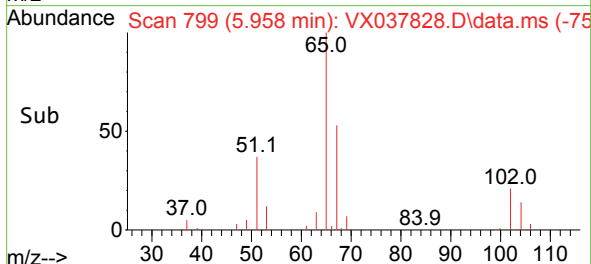
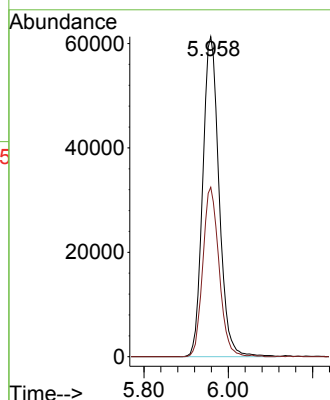
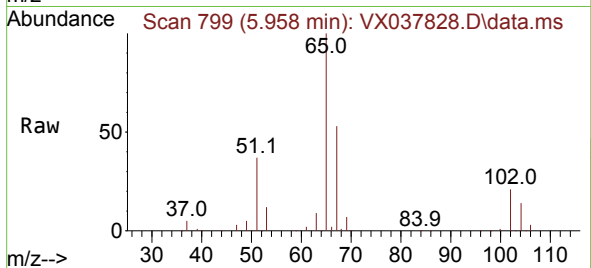
ClientSampleId :

Tgt Ion: 65 Resp: 165455

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037828.D

Acq: 20 Sep 2023 13:10

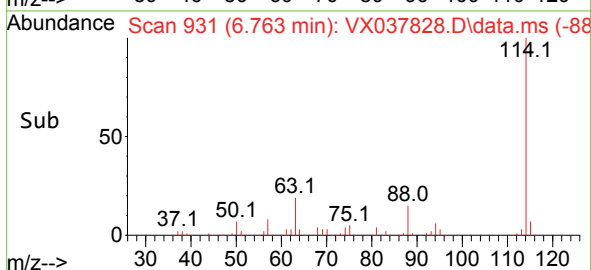
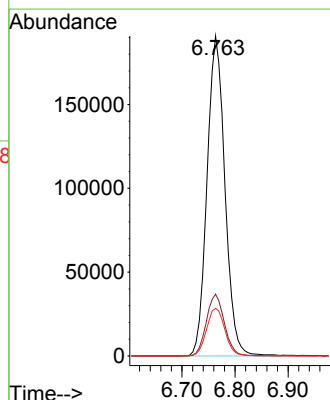
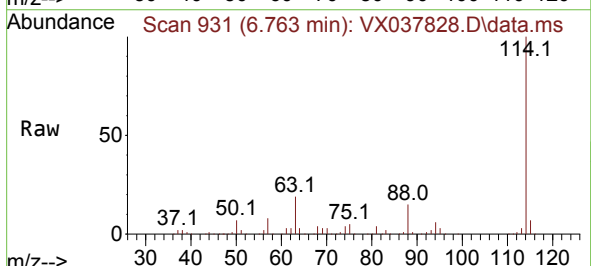
Tgt Ion: 114 Resp: 447161

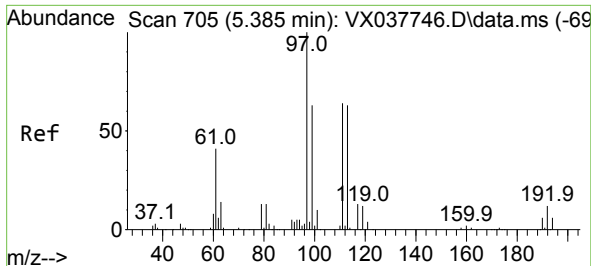
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

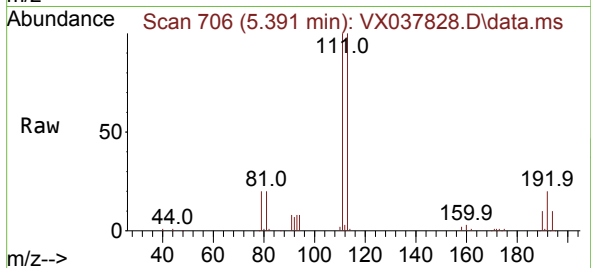
88 14.8 0.0 36.6



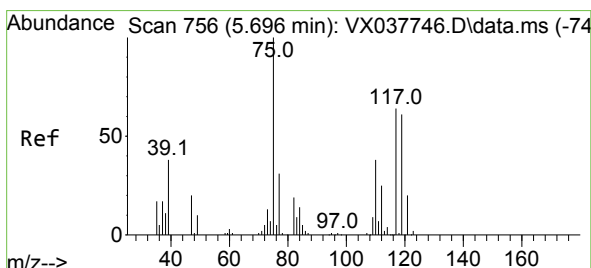
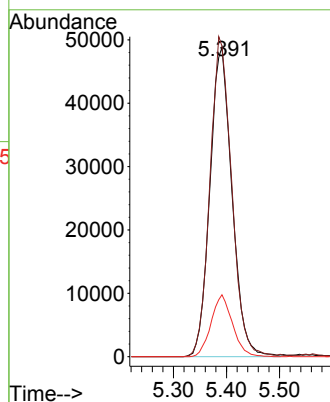
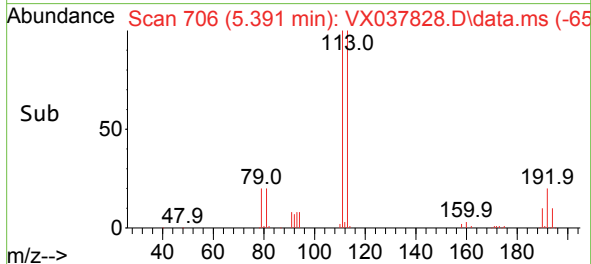


#35
Dibromofluoromethane
Concen: 47.172 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

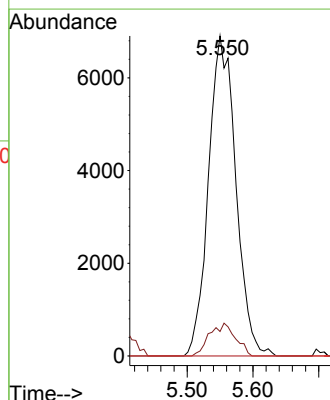
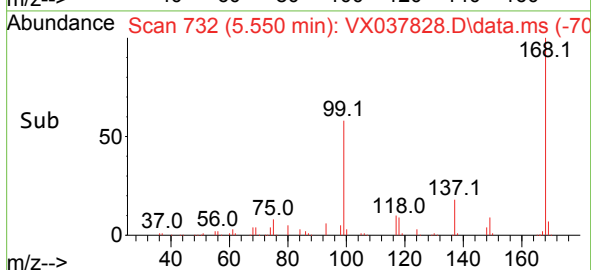
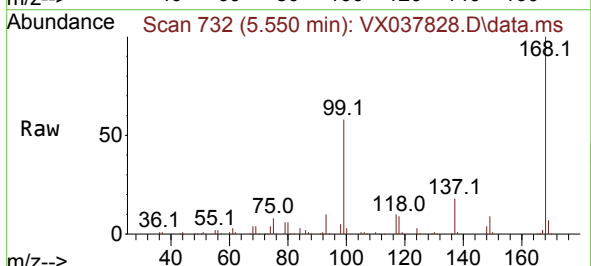


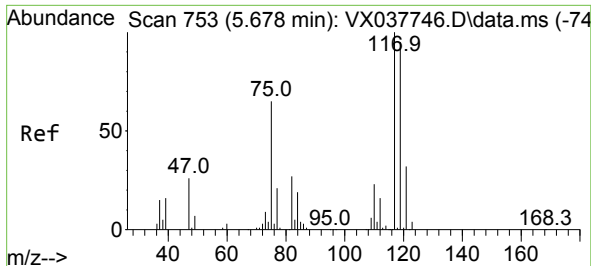
Tgt Ion:113 Resp: 141137
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

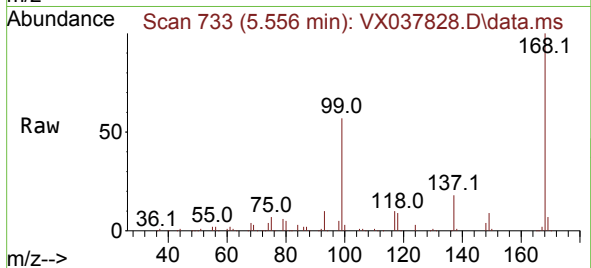
Tgt Ion: 75 Resp: 19958
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



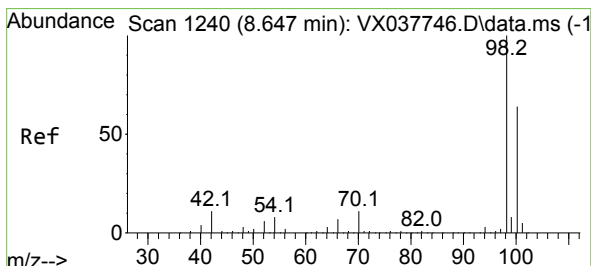
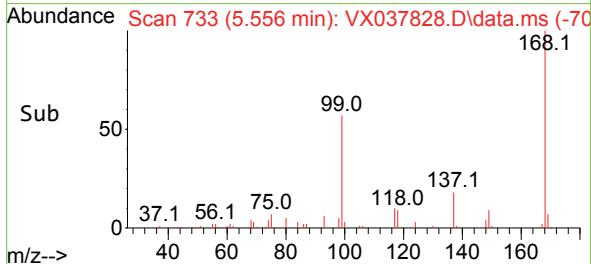
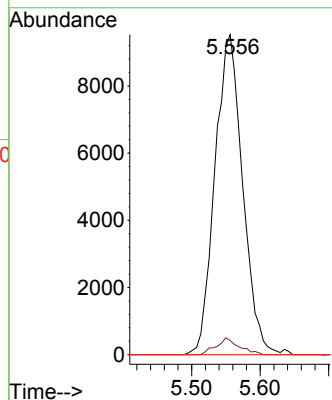


#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

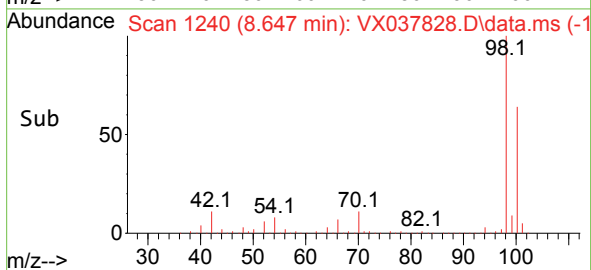
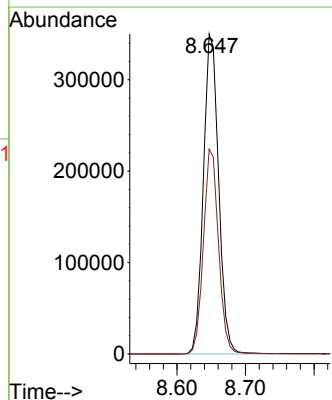
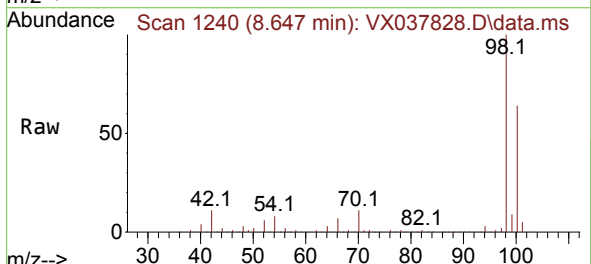


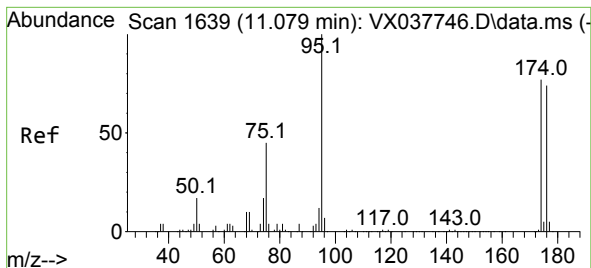
Tgt Ion:117 Resp: 26742
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Tgt Ion: 98 Resp: 543139
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

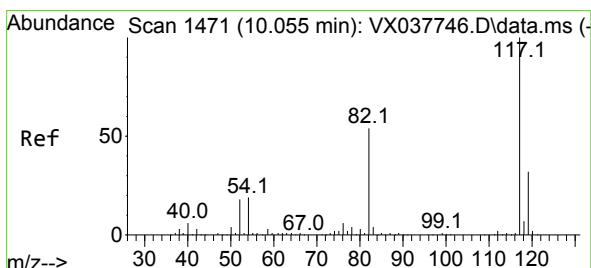
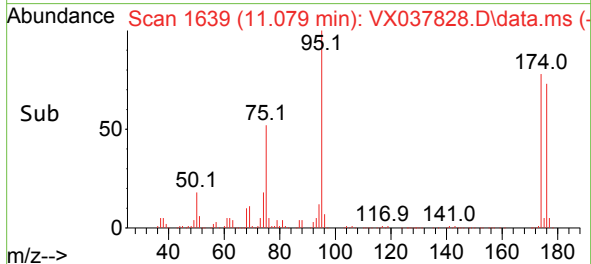
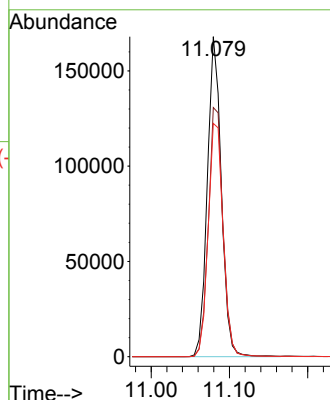
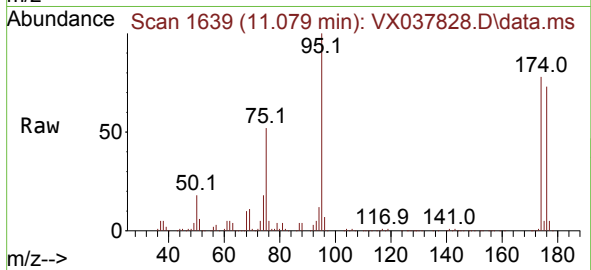




#62
4-Bromofluorobenzene
Concen: 51.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

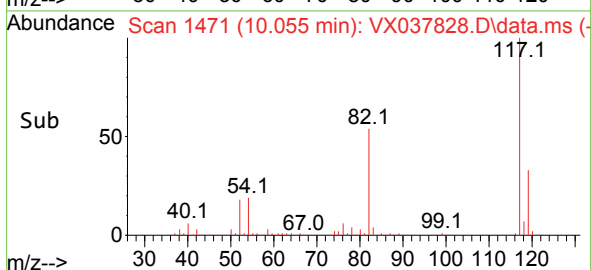
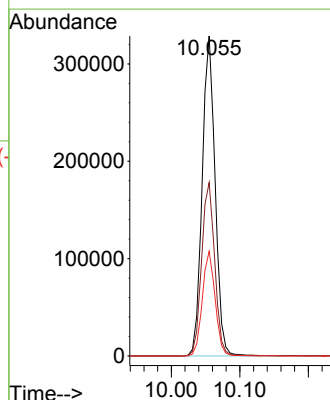
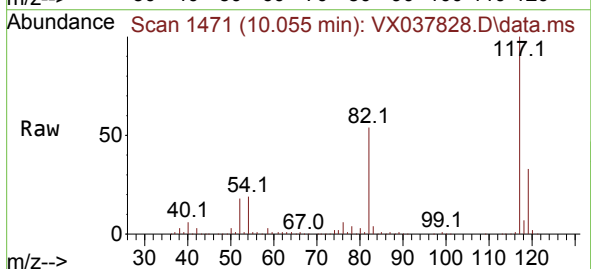
Instrument :
MSVOA_X
ClientSampleId :

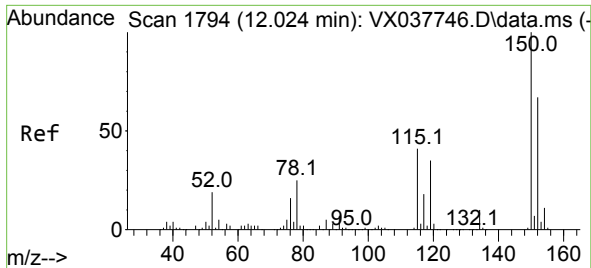
Tgt Ion: 95 Resp: 207143
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 78.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

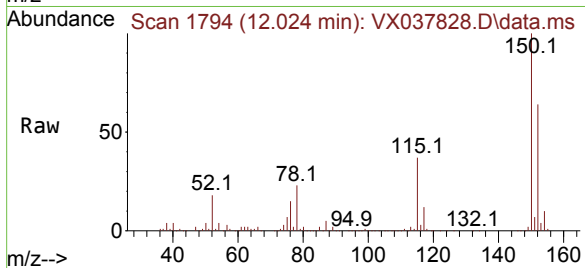
Tgt Ion: 117 Resp: 433225
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.7 25.5 38.3



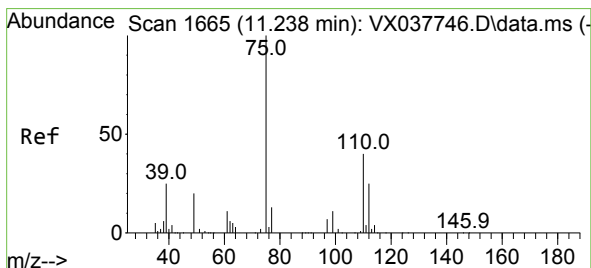
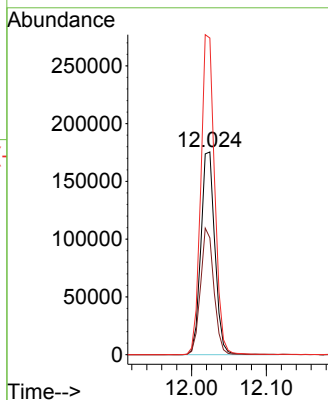
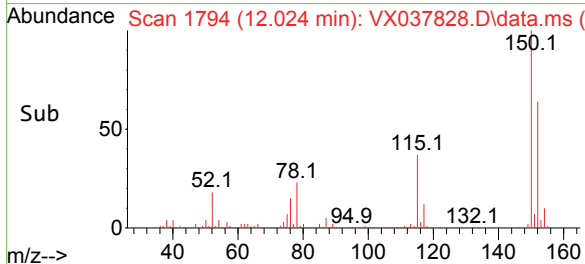


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

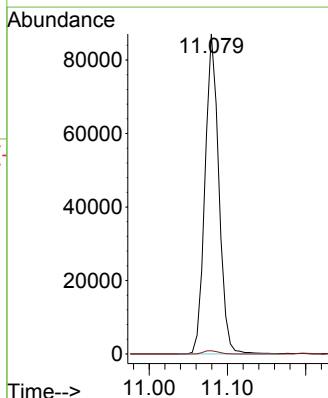
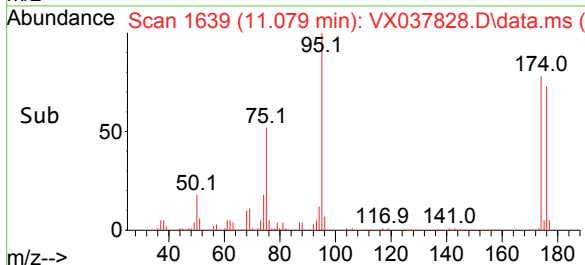
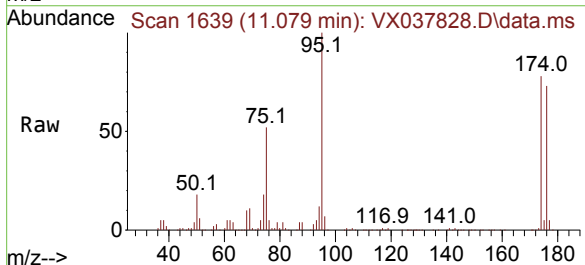


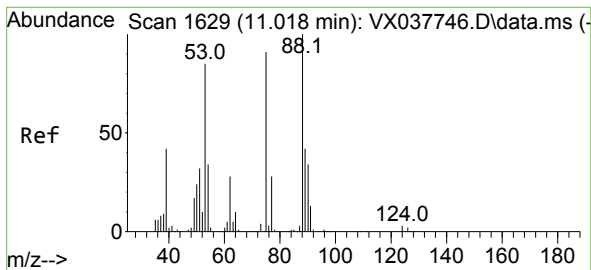
Tgt Ion:152 Resp: 228301
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 156.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037828.D
Acq: 20 Sep 2023 13:10

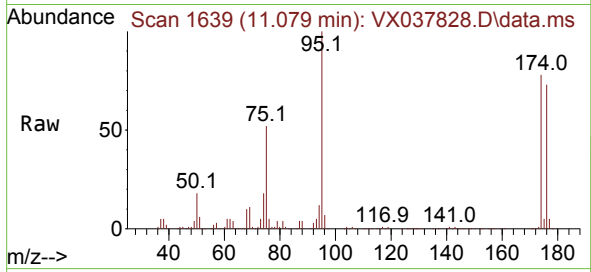
Tgt Ion: 75 Resp: 106653
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.702 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037828.D
 Acq: 20 Sep 2023 13:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 106653
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

