

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037221.D
 Acq On : 24 Aug 2023 17:07
 Operator : JC/MD
 Sample : 04088-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081823

Quant Time: Aug 24 23:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

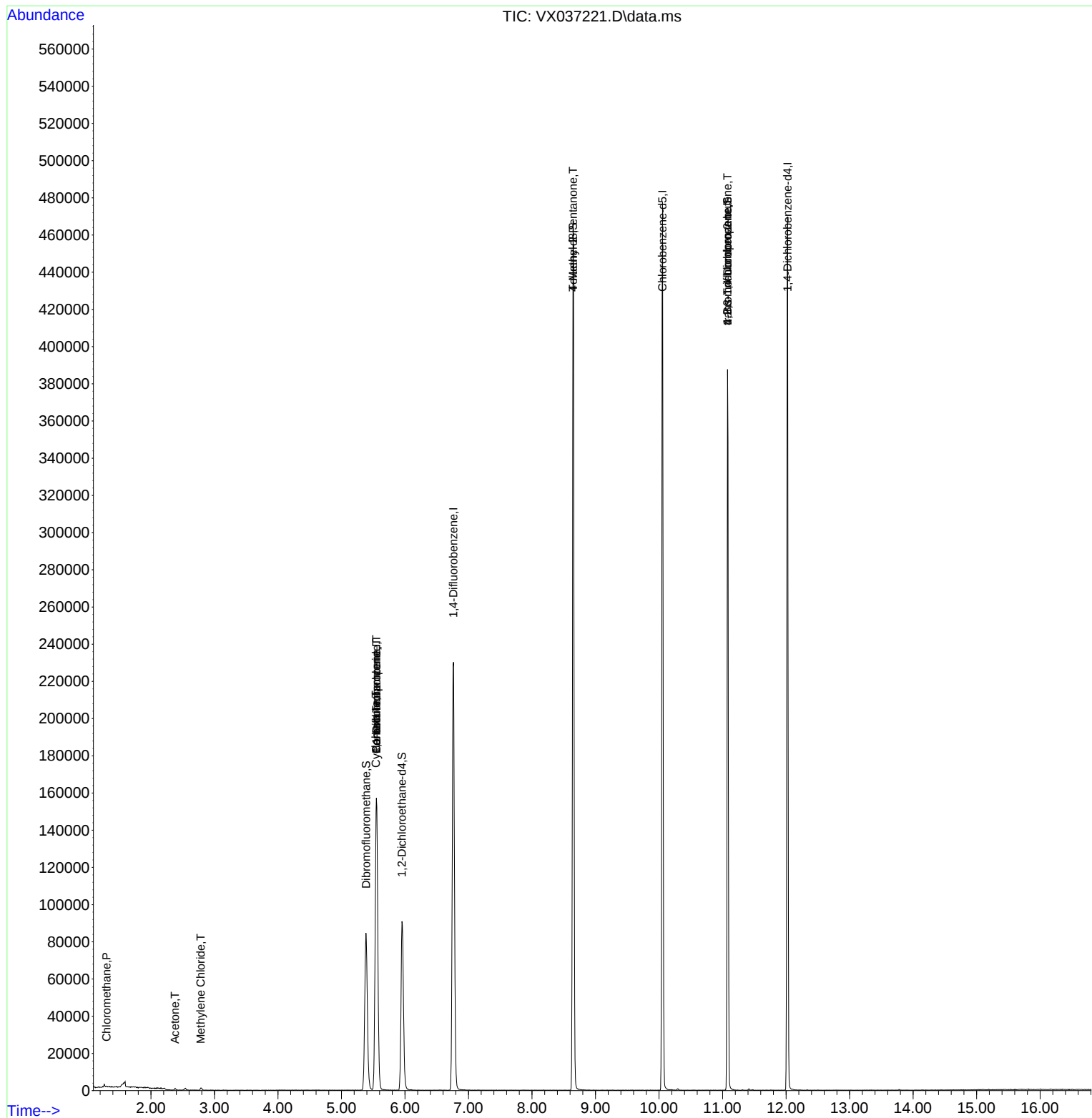
Internal Standards						
1) Pentafluorobenzene	5.550	168	148182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92626	43.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	74069	45.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	283326	48.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	107690	46.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	484	0.321	ug/l #	86
16) Acetone	2.380	43	845	1.011	ug/l	95
20) Methylene Chloride	2.782	84	780	0.417	ug/l #	80
31) Cyclohexane	5.544	56	3104	1.292	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11724	5.112	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16280	6.535	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1177	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55045	26.014	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55045	72.658	ug/l #	5

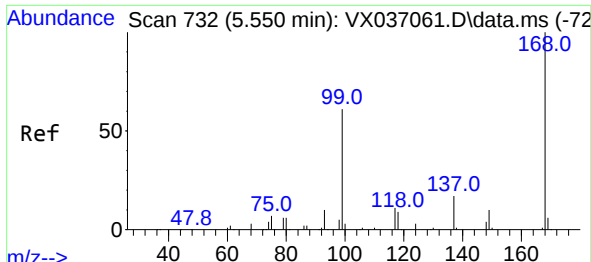
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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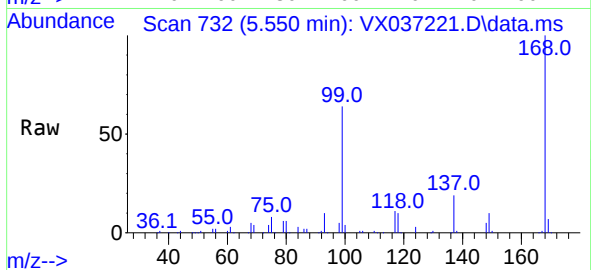
Quant Time: Aug 24 23:39:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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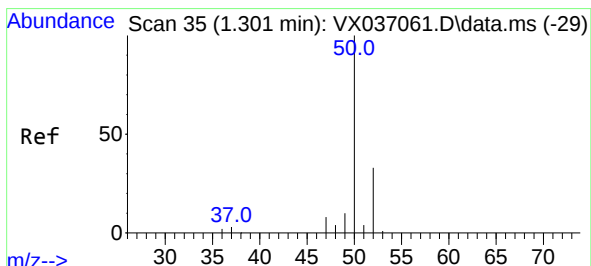
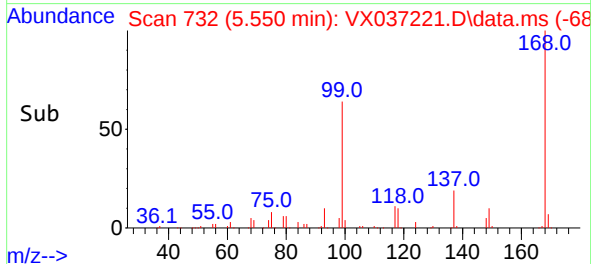
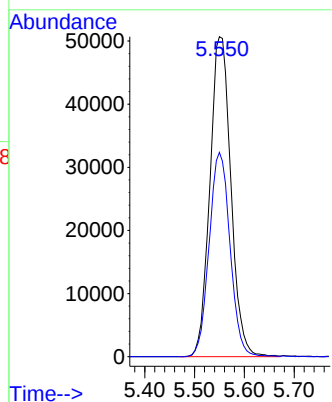


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TB-081823

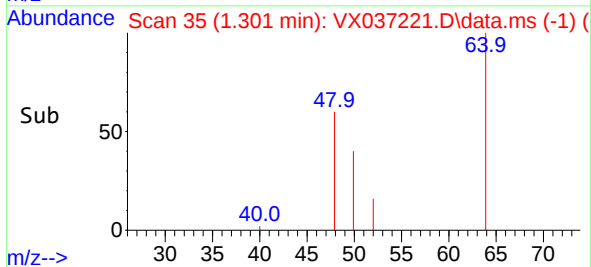
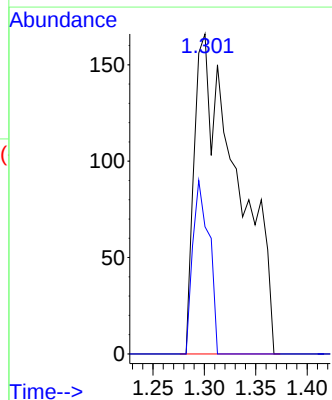
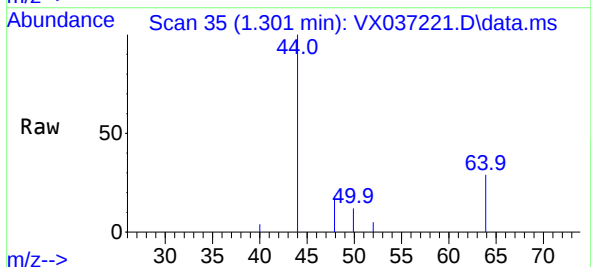


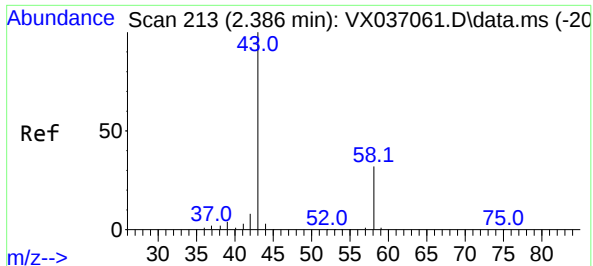
Tgt Ion:168 Resp: 148182
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#3
Chloromethane
Concen: 0.321 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 39.8 25.5 38.3#

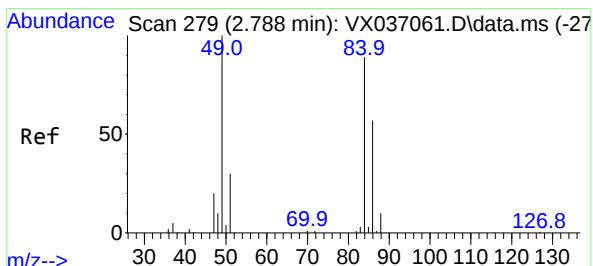
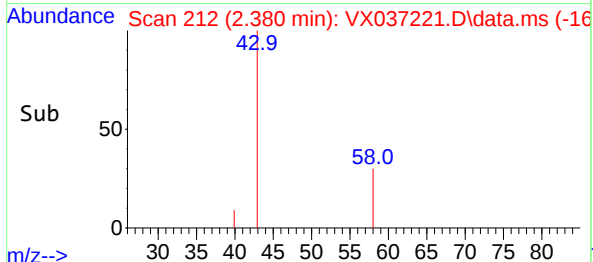
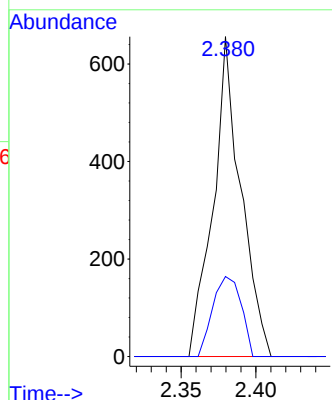
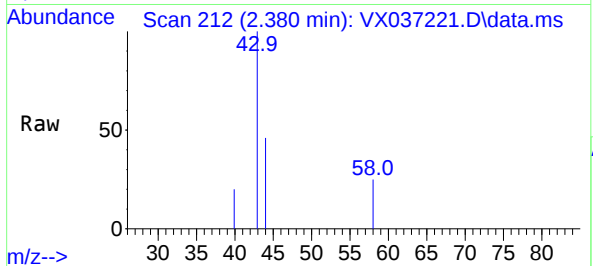




#16
Acetone
Concen: 1.011 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

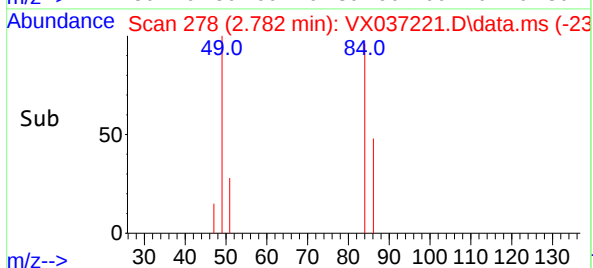
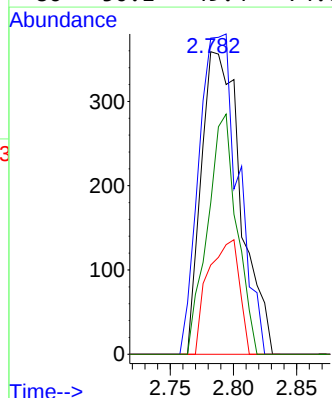
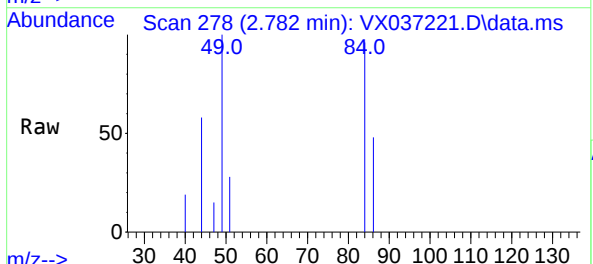
Instrument :
MSVOA_X
ClientSampleId :
TB-081823

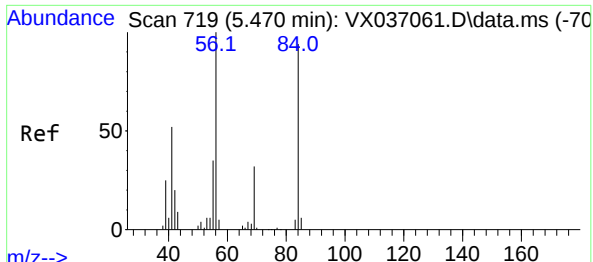
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 25.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

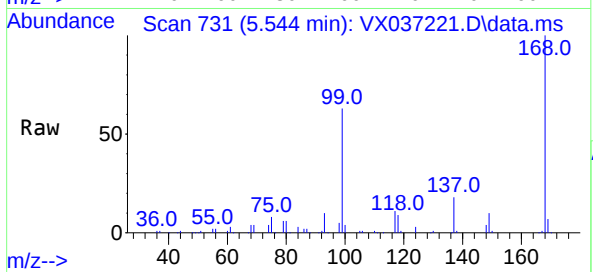
Tgt Ion: 84 Resp: 780
Ion Ratio Lower Upper
84 100
49 104.5 103.6 155.4
51 29.5 33.8 50.6#
86 50.1 49.4 74.0



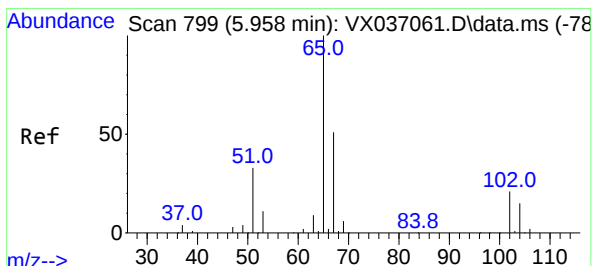
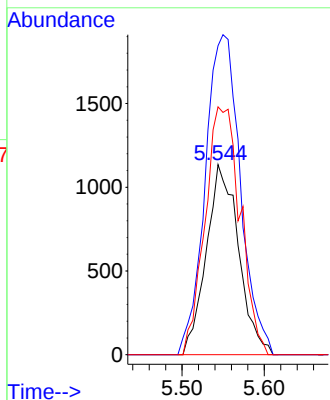
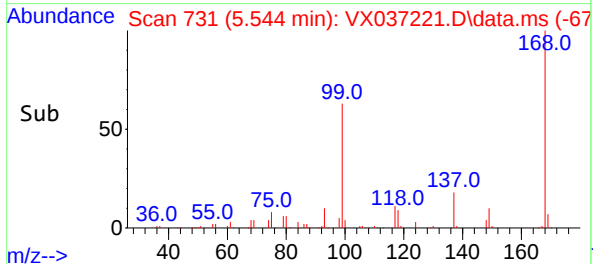


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TB-081823

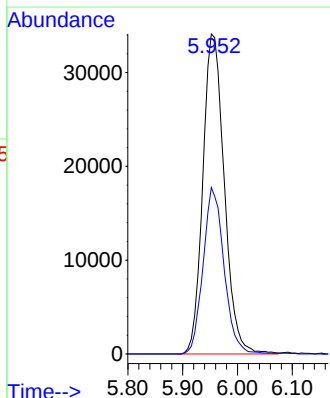
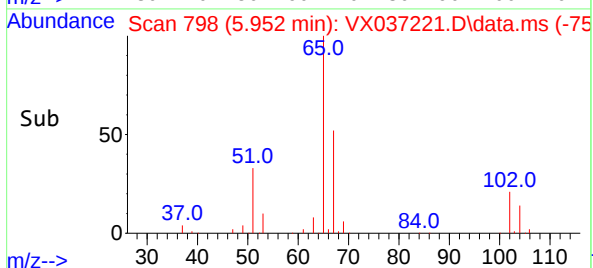
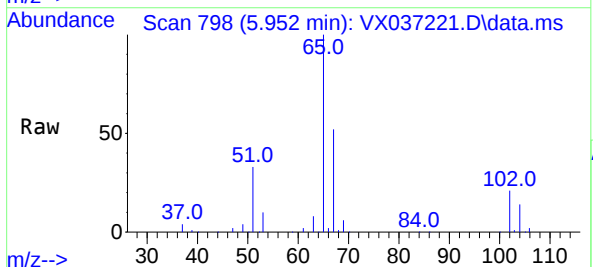


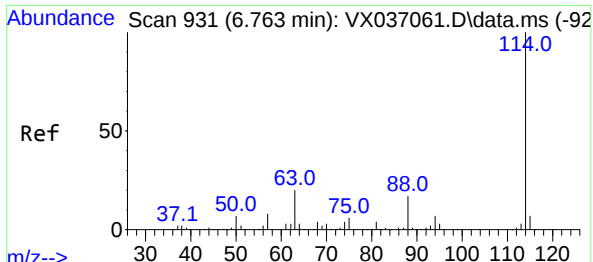
Tgt Ion: 56 Resp: 3104
Ion Ratio Lower Upper
56 100
69 162.6 23.4 35.2#
84 130.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.358 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 65 Resp: 92626
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

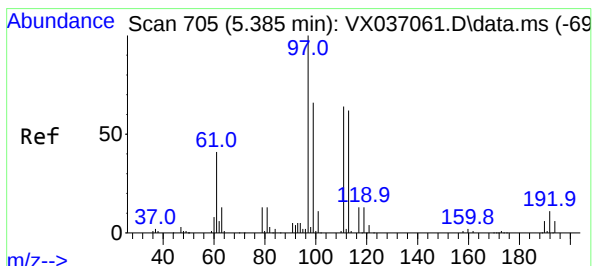
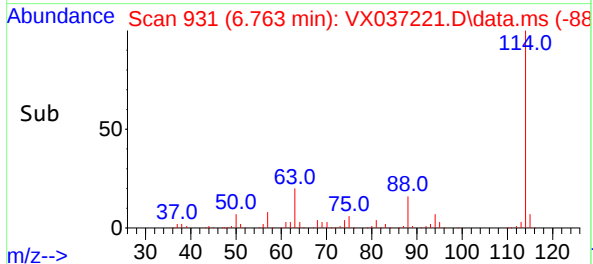
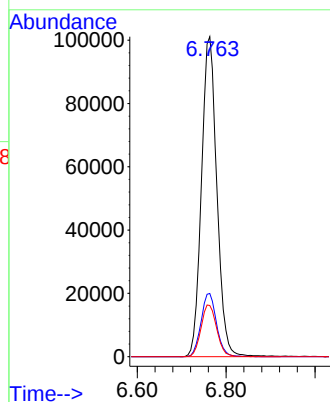
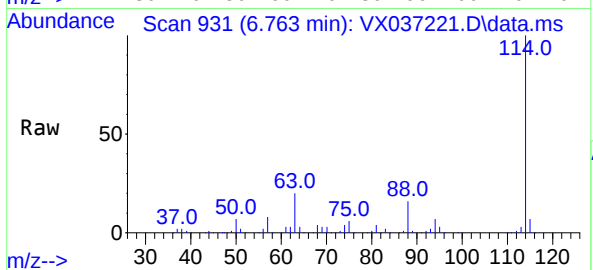




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

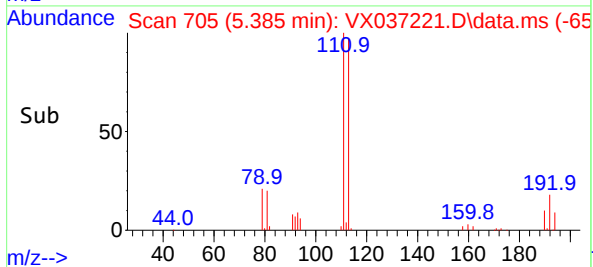
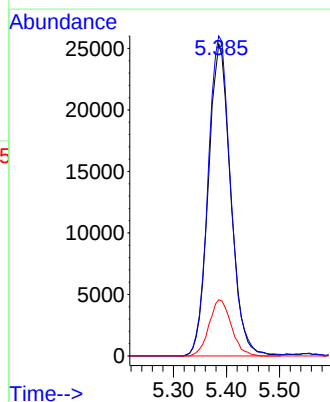
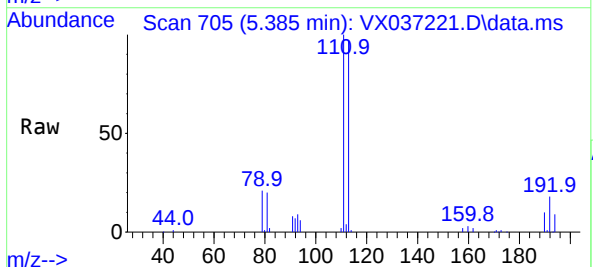
Instrument :
MSVOA_X
ClientSampleId :
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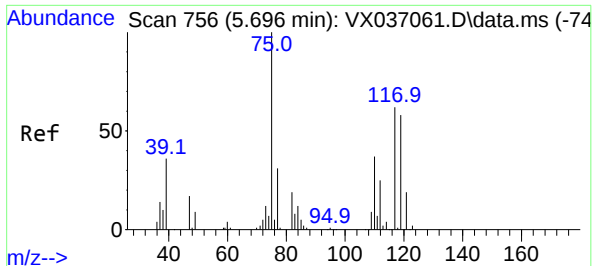
Tgt Ion:114 Resp: 243747
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion:113 Resp: 74069
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.0 13.3 19.9

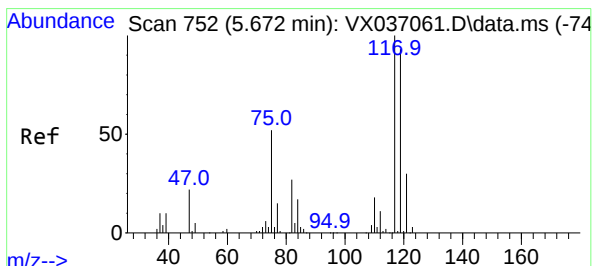
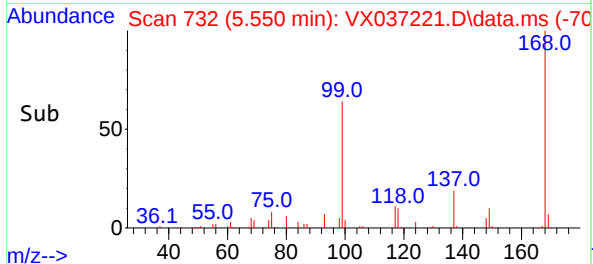
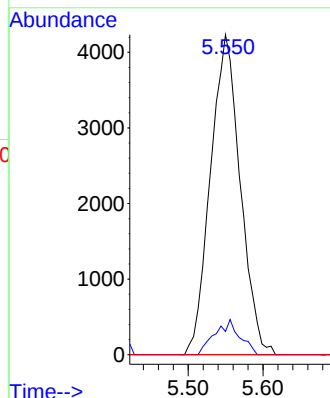
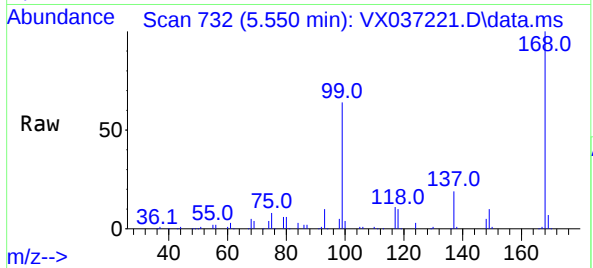




#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

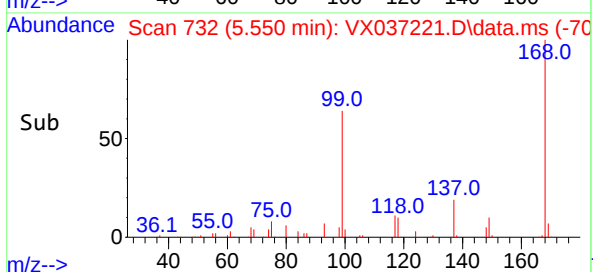
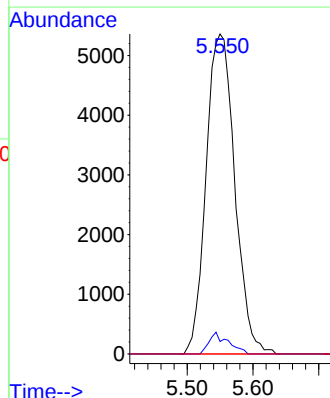
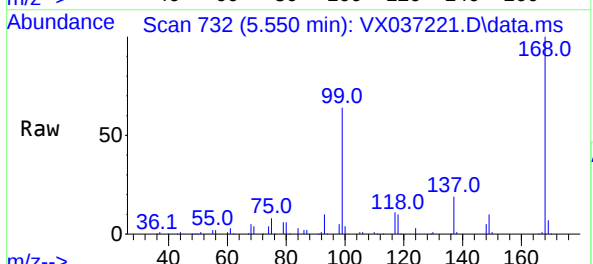
Instrument :
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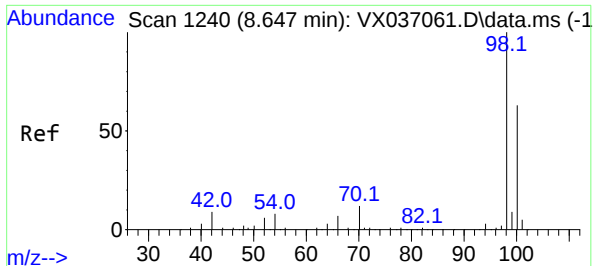
Tgt Ion: 75 Resp: 11724
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 117 Resp: 16280
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

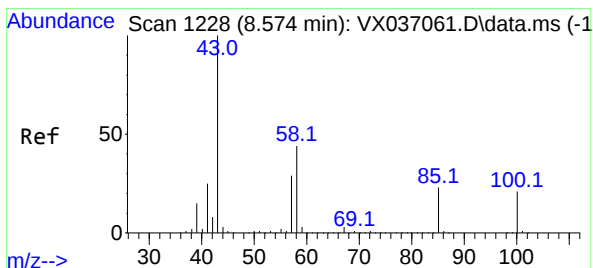
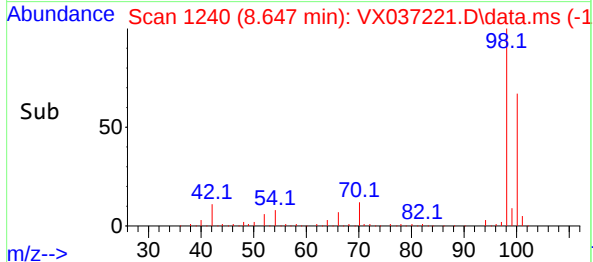
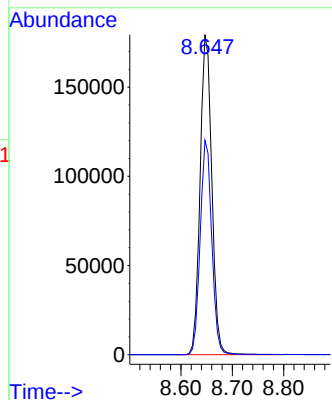
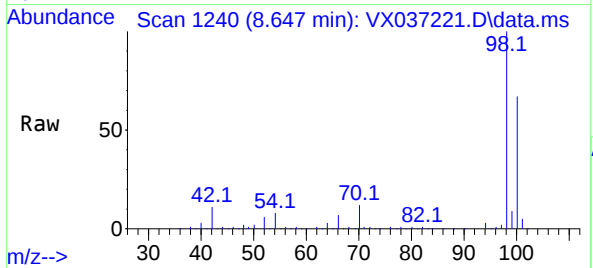




#50
Toluene-d8
Concen: 48.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

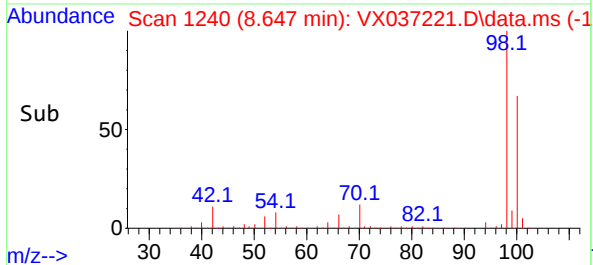
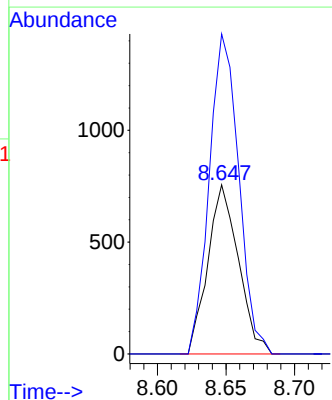
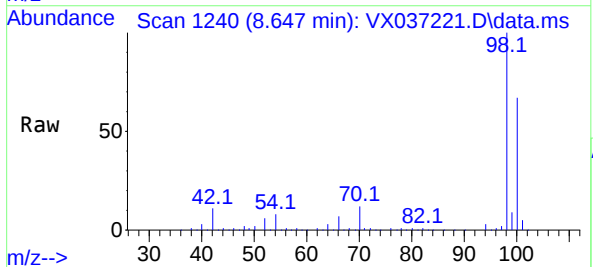
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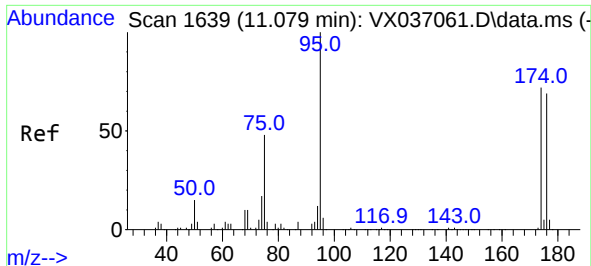
Tgt Ion: 98 Resp: 283326
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 182.0 30.4 45.6#

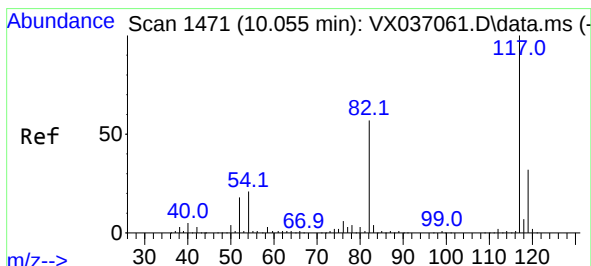
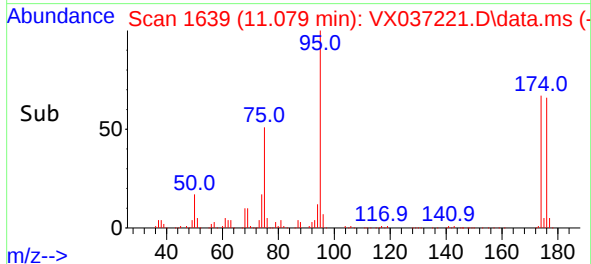
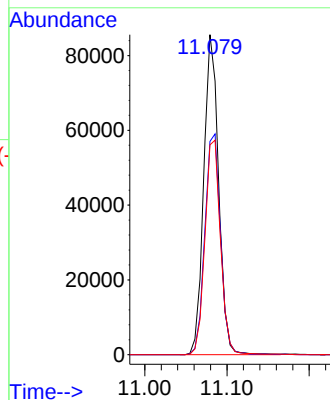
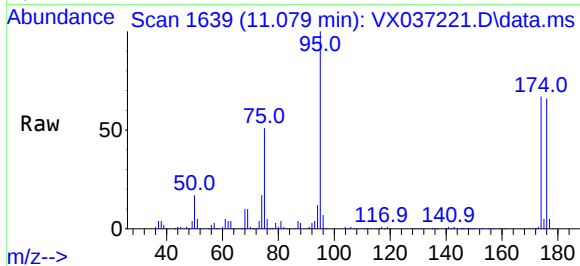




#62
4-Bromofluorobenzene
Concen: 46.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

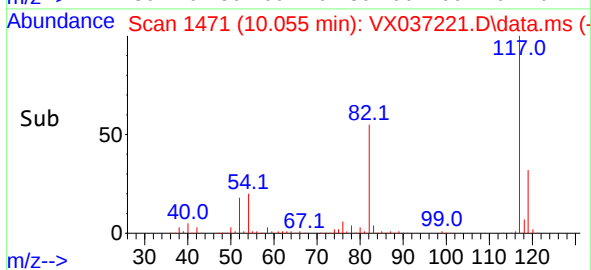
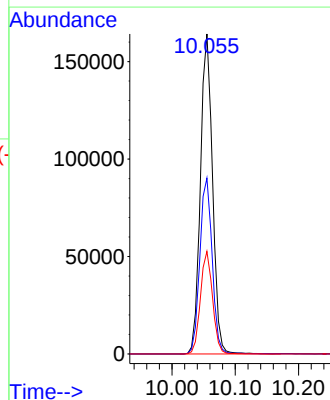
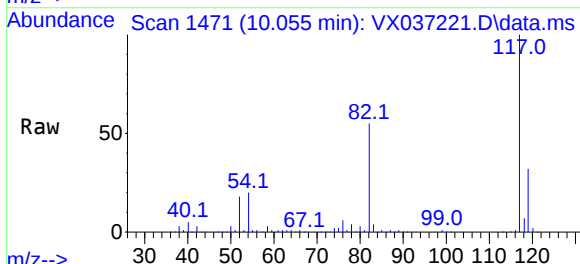
Instrument :
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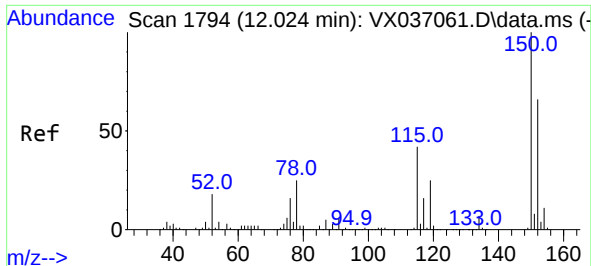
Tgt Ion: 95 Resp: 107690
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 117 Resp: 219119
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.1 25.5 38.3

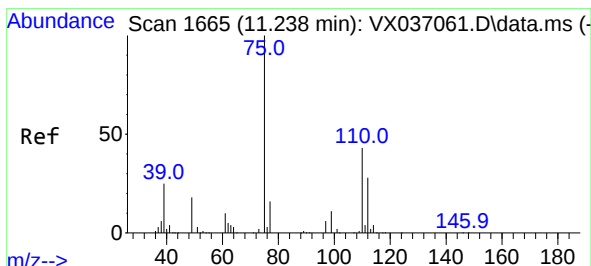
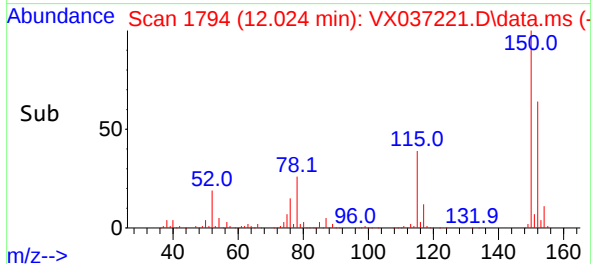
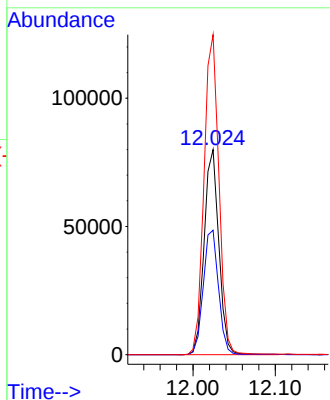
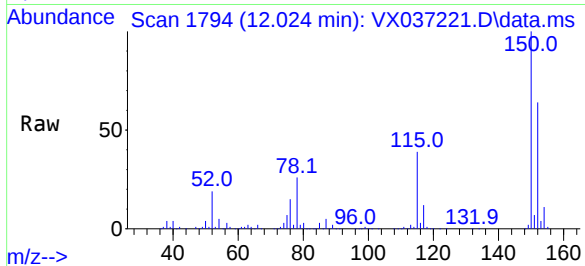




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037221.D
 Acq: 24 Aug 2023 17:07

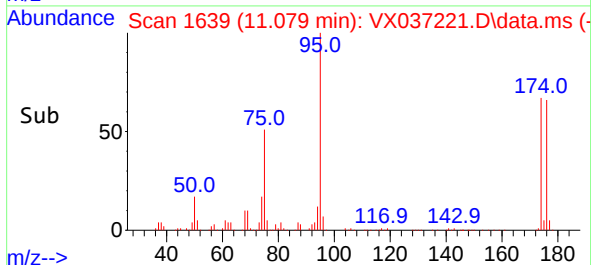
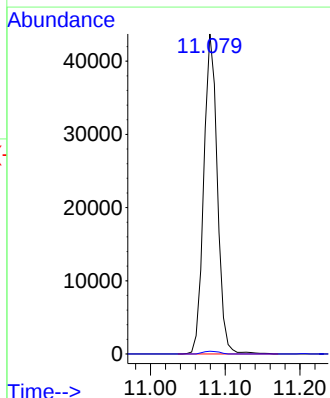
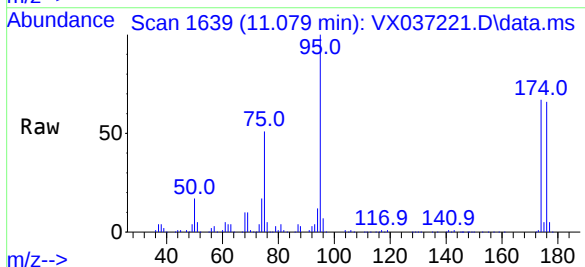
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081823

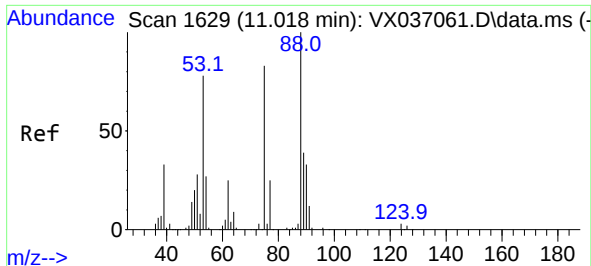
Tgt Ion:152 Resp: 99358
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.014 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037221.D
 Acq: 24 Aug 2023 17:07

Tgt Ion: 75 Resp: 55045
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.658 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TB-081823

Tgt Ion: 75 Resp: 55045
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

