

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031117.D
 Acq On : 19 May 2023 19:24
 Operator : SY/MD
 Sample : 02866-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX86

Quant Time: May 20 00:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

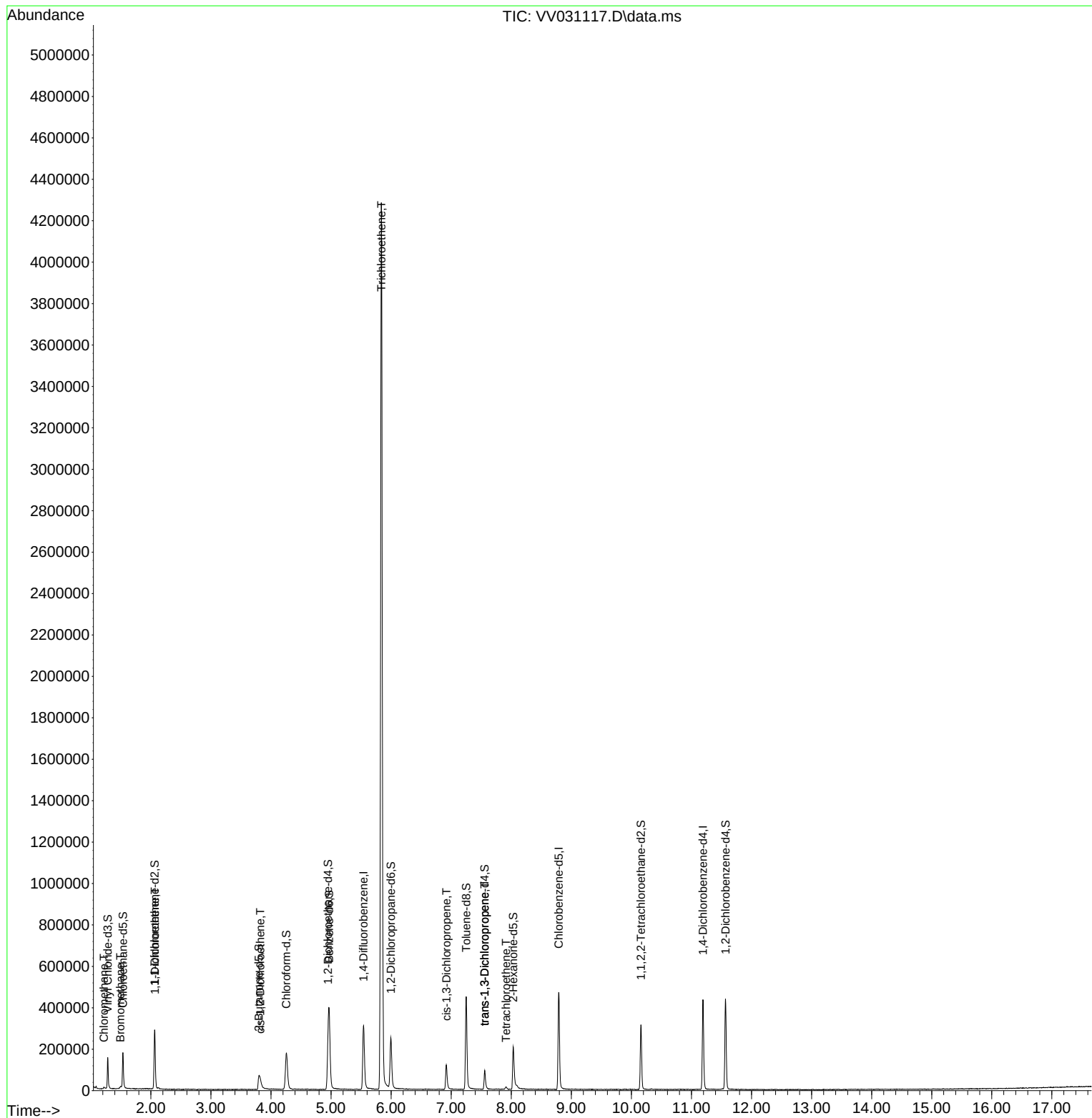
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	262936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	249286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	98864	43.996	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.000%		
7) Chloroethane-d5	1.535	69	95191	54.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.980%		
11) 1,1-Dichloroethene-d2	2.063	65	47790	45.353	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.700%		
21) 2-Butanone-d5	3.799	46	107775	90.010	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.010%		
24) Chloroform-d	4.256	84	182069	45.800	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.600%		
26) 1,2-Dichloroethane-d4	4.950	65	129264	48.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
32) Benzene-d6	4.966	84	332276	49.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.340%		
36) 1,2-Dichloropropane-d6	5.995	67	102434	50.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.320%		
41) Toluene-d8	7.249	98	291514	46.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.440%		
43) trans-1,3-Dichloroprop...	7.558	79	46678	46.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.020%		
47) 2-Hexanone-d5	8.034	63	68429	86.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135763	44.765	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.540%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111071	52.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.900%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	7819	4.207	ug/L	98
6) Bromomethane	1.494	94	2642	2.840	ug/L	96
12) 1,1-Dichloroethene	2.069	96	2848	1.950	ug/L #	1
20) cis-1,2-Dichloroethene	3.821	96	8950	5.376	ug/L	91
34) Trichloroethene	5.838	95	1372817	857.888	ug/L	99
39) cis-1,3-Dichloropropene	6.921	75	3975	1.568	ug/L	83
44) trans-1,3-Dichloropropene	7.558	75	3037	1.184	ug/L #	81
46) Tetrachloroethene	7.915	164	2495	1.816	ug/L	89

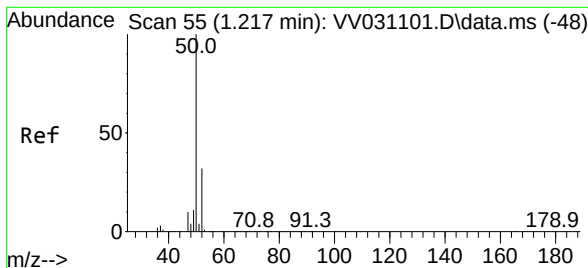
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031117.D
Acq On : 19 May 2023 19:24
Operator : SY/MD
Sample : 02866-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX86

Quant Time: May 20 00:37:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 4.207 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

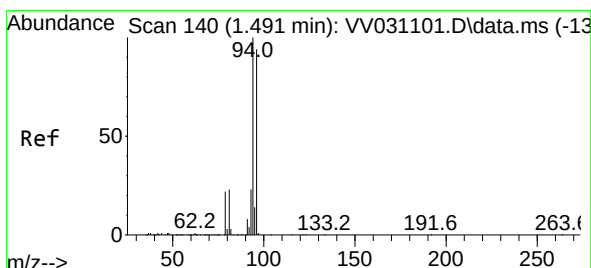
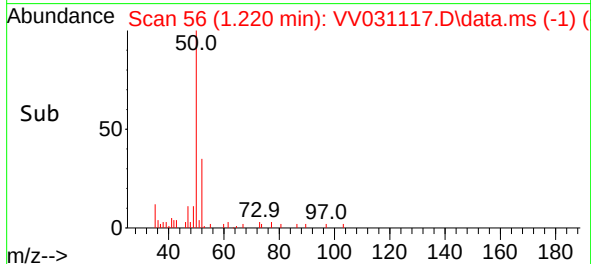
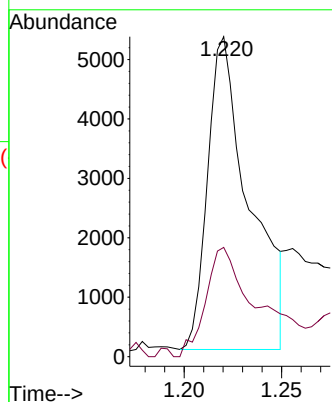
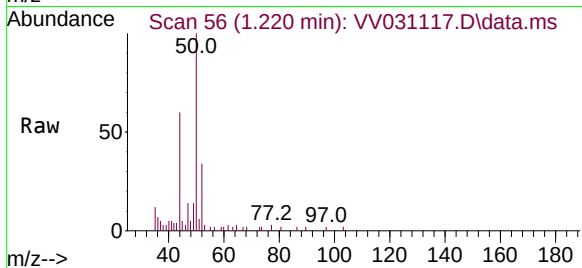
GBX86

Tgt Ion: 50 Resp: 7819

Ion Ratio Lower Upper

50 100

52 34.2 23.3 43.3



#6

Bromomethane

Concen: 2.840 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV031117.D

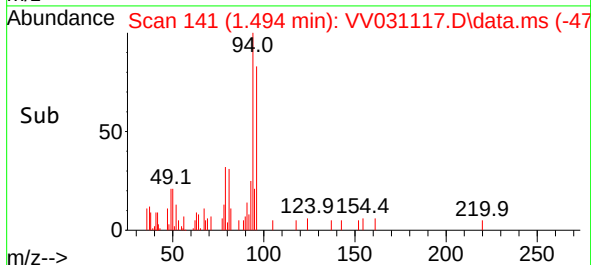
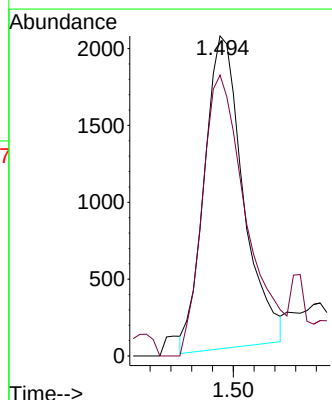
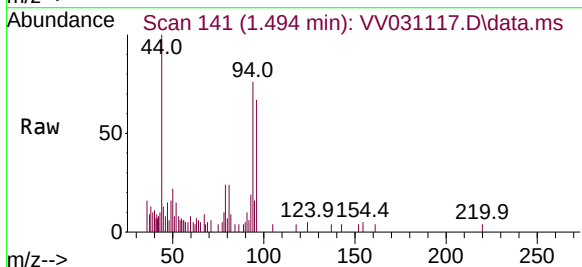
Acq: 19 May 2023 19:24

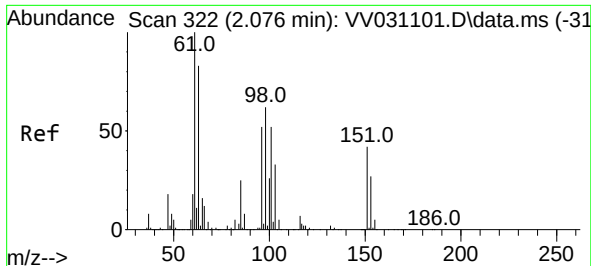
Tgt Ion: 94 Resp: 2642

Ion Ratio Lower Upper

94 100

96 87.8 63.9 118.7





#12

1,1-Dichloroethene

Concen: 1.950 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

GBX86

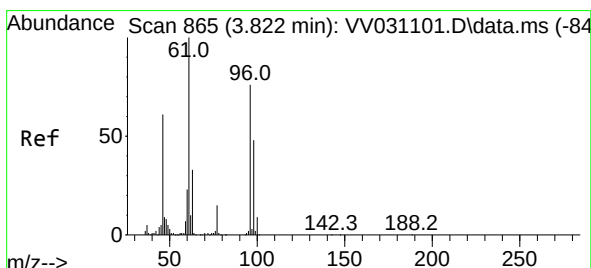
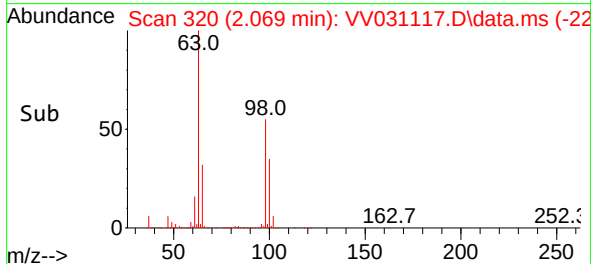
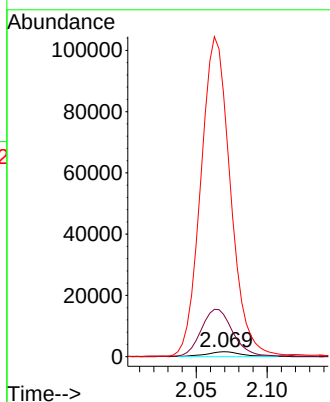
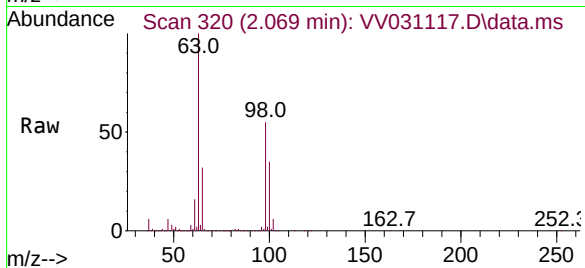
Tgt Ion: 96 Resp: 2848

Ion Ratio Lower Upper

96 100

61 867.8 137.9 256.1#

63 5387.2 114.2 212.0#



#20

cis-1,2-Dichloroethene

Concen: 5.376 ug/L

RT: 3.821 min Scan# 865

Delta R.T. -0.000 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

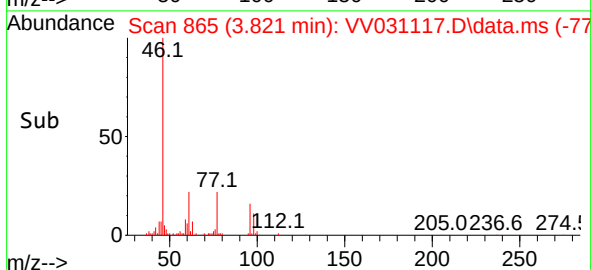
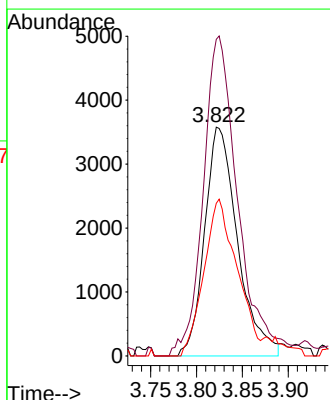
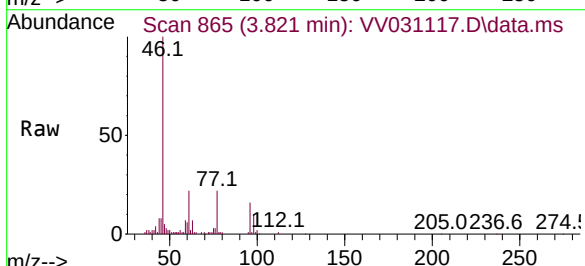
Tgt Ion: 96 Resp: 8950

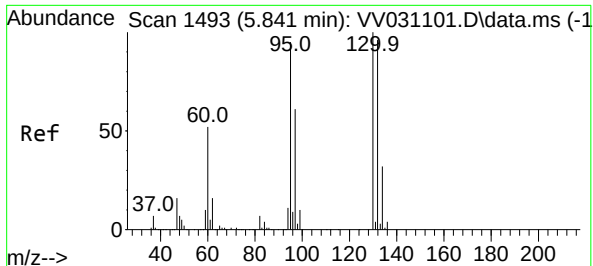
Ion Ratio Lower Upper

96 100

61 138.4 89.2 165.6

98 66.7 43.0 80.0





#34

Trichloroethene

Concen: 857.888 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

GBX86

Tgt Ion: 95 Resp: 1372817

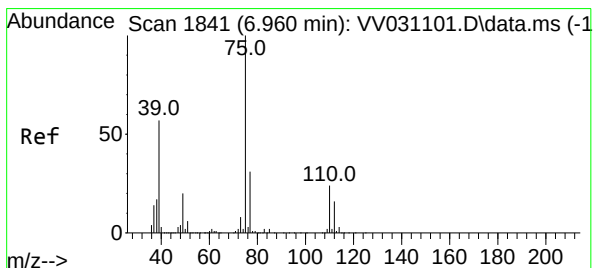
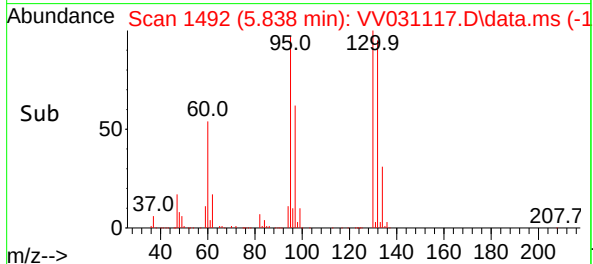
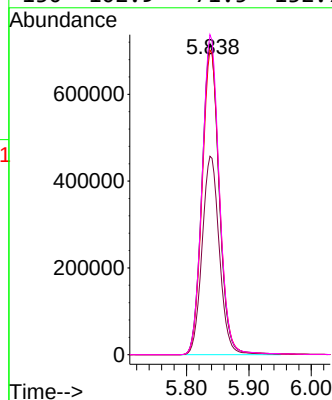
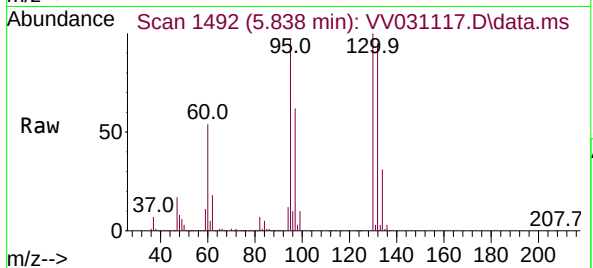
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.5

132 98.0 70.2 130.4

130 102.9 71.5 132.7



#39

cis-1,3-Dichloropropene

Concen: 1.568 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV031117.D

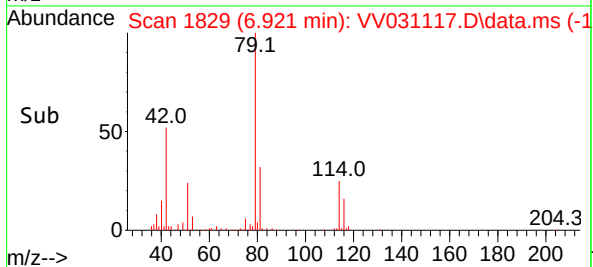
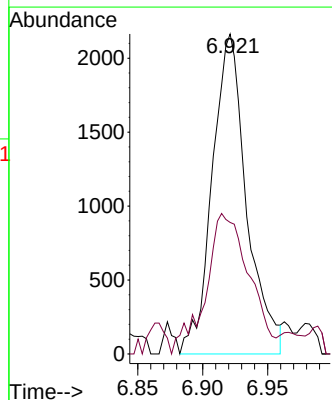
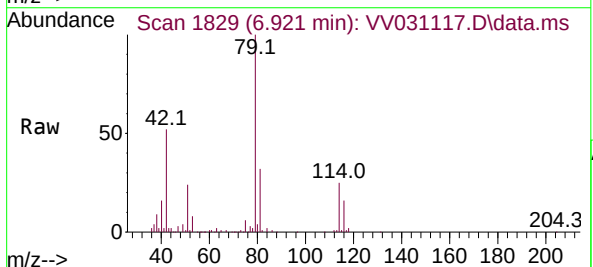
Acq: 19 May 2023 19:24

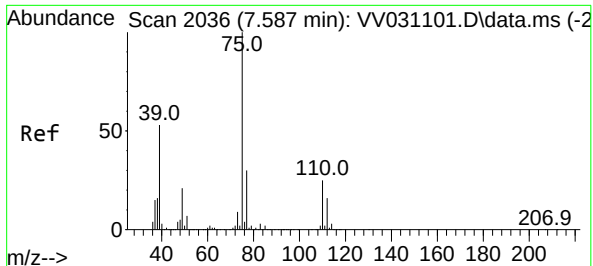
Tgt Ion: 75 Resp: 3975

Ion Ratio Lower Upper

75 100

77 41.1 22.3 41.3

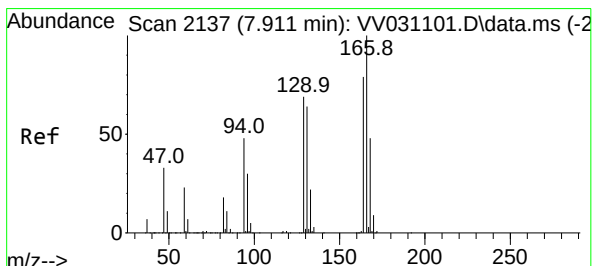
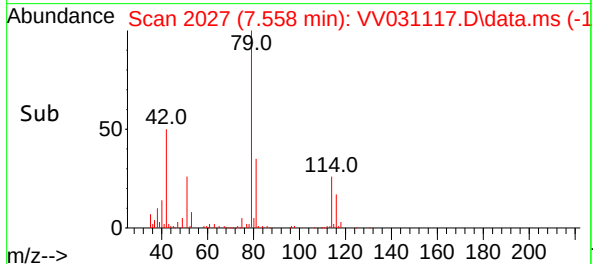
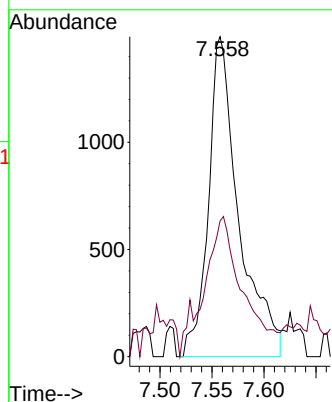
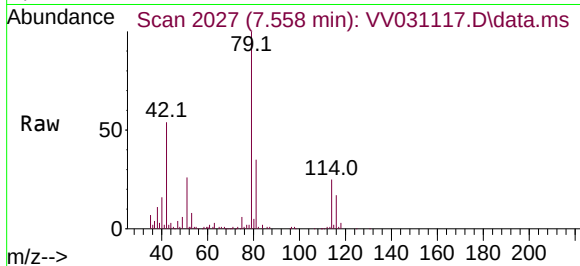




#44
trans-1,3-Dichloropropene
Concen: 1.184 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031117.D
Acq: 19 May 2023 19:24

Instrument :
MSVOA_V
ClientSampleId :
GBX86

Tgt Ion: 75 Resp: 3037
Ion Ratio Lower Upper
75 100
77 42.4 22.2 41.2#



#46
Tetrachloroethene
Concen: 1.816 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031117.D
Acq: 19 May 2023 19:24

Tgt Ion:164 Resp: 2495
Ion Ratio Lower Upper
164 100
129 102.4 65.5 121.7
131 109.0 62.1 115.3
166 138.1 93.4 173.4

