

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030727.D
 Acq On : 20 Apr 2023 19:19
 Operator : SY/MD
 Sample : 02411-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Apr 21 00:20:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

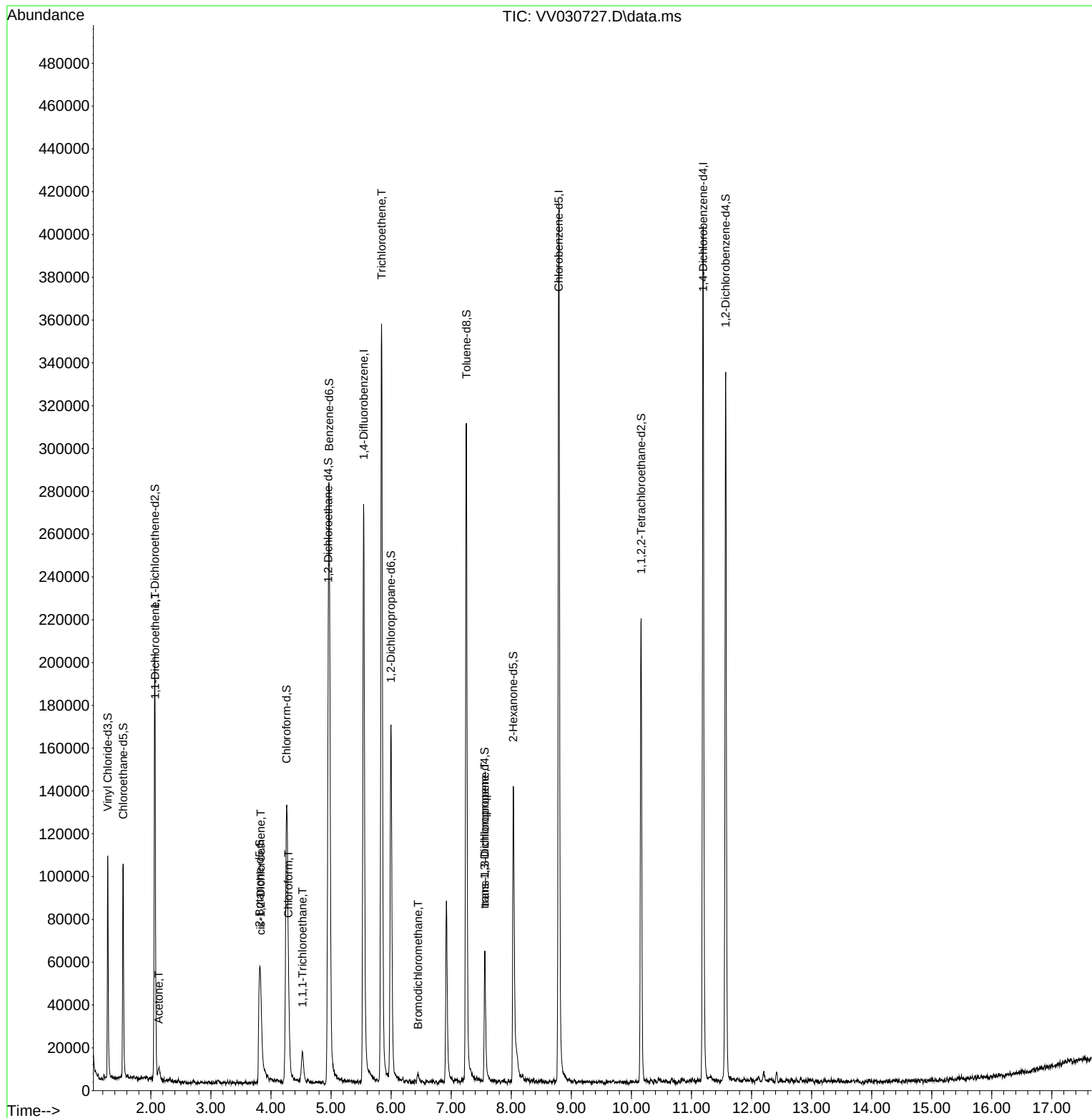
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	224971	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	222751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	106060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68020	41.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.480%		
7) Chloroethane-d5	1.539	69	59071	42.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.480%		
11) 1,1-Dichloroethene-d2	2.066	65	32413	41.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.880%		
21) 2-Butanone-d5	3.809	46	74354	82.083	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.080%		
24) Chloroform-d	4.259	84	125993	42.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.320%		
26) 1,2-Dichloroethane-d4	4.953	65	89346	46.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	4.970	84	227647	43.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.460%		
36) 1,2-Dichloropropane-d6	5.995	67	70584	43.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.300%		
41) Toluene-d8	7.252	98	205079	41.475	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.940%		
43) trans-1,3-Dichloroprop...	7.558	79	33717	40.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.780%		
47) 2-Hexanone-d5	8.034	63	47909	74.341	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.340%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	95829	40.370	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.740%		
66) 1,2-Dichlorobenzene-d4	11.571	152	83367	49.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.900%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.073	96	2321	1.473	ug/L	# 1
13) Acetone	2.134	43	6450	4.602	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	12624	7.297	ug/L	92
25) Chloroform	4.291	83	32393	9.653	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	10929	3.492	ug/L	94
34) Trichloroethene	5.841	95	116978	66.486	ug/L	97
38) Bromodichloromethane	6.449	83	2678	1.047	ug/L	90
44) trans-1,3-Dichloropropene	7.561	75	2036	0.758	ug/L	89

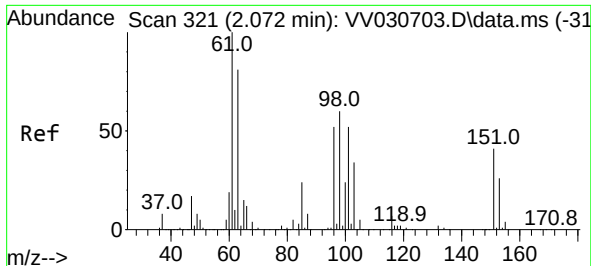
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.473 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030727.D

Acq: 20 Apr 2023 19:19

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

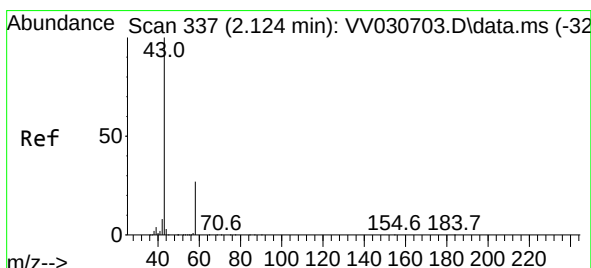
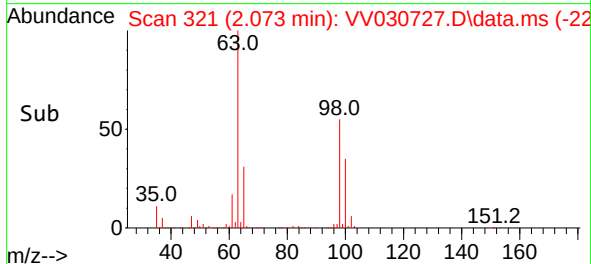
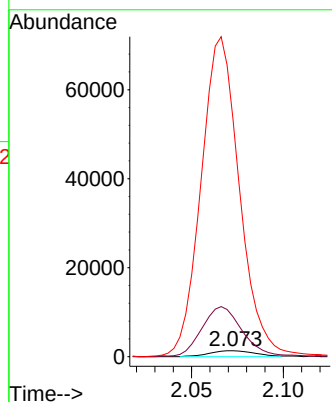
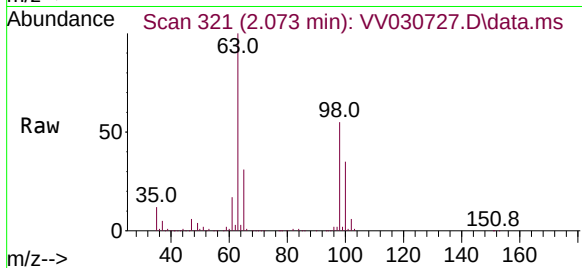
Tgt Ion: 96 Resp: 2321

Ion Ratio Lower Upper

96 100

61 677.3 131.9 245.0#

63 4018.1 99.8 185.3#



#13

Acetone

Concen: 4.602 ug/L

RT: 2.134 min Scan# 340

Delta R.T. 0.010 min

Lab File: VV030727.D

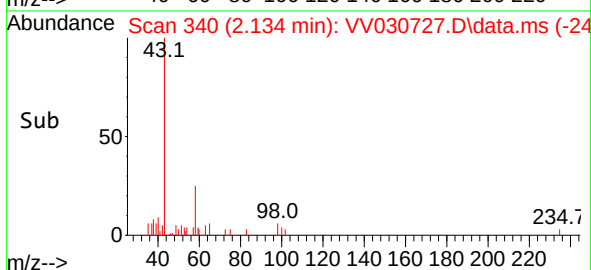
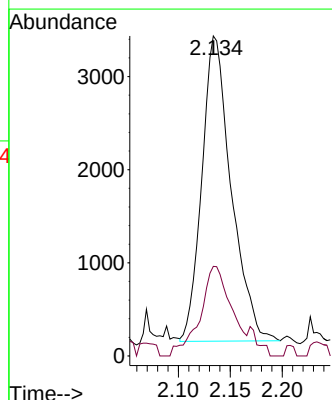
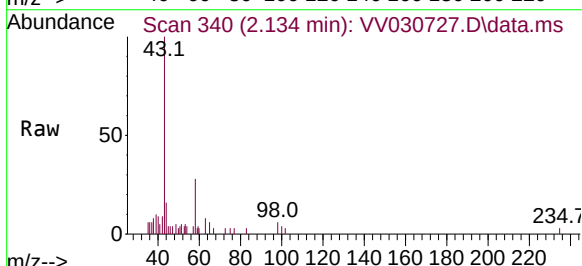
Acq: 20 Apr 2023 19:19

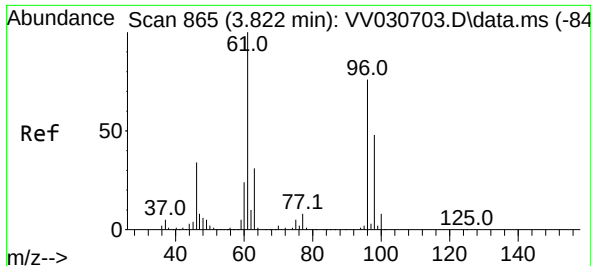
Tgt Ion: 43 Resp: 6450

Ion Ratio Lower Upper

43 100

58 24.9 0.0 52.8

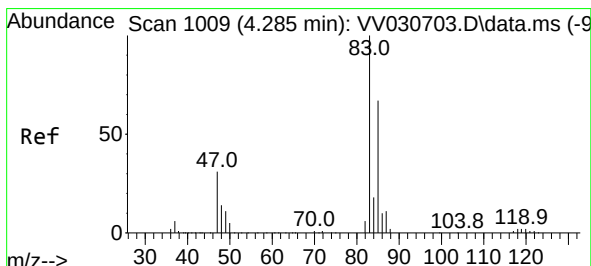
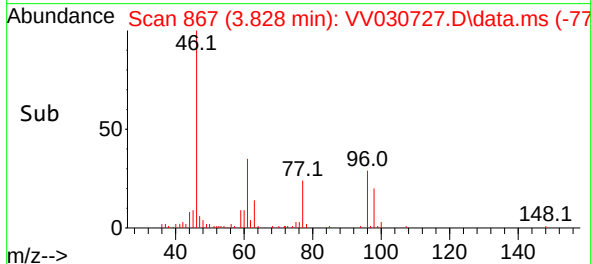
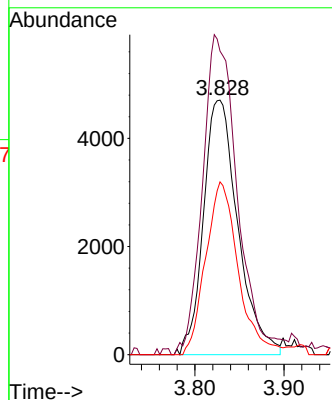
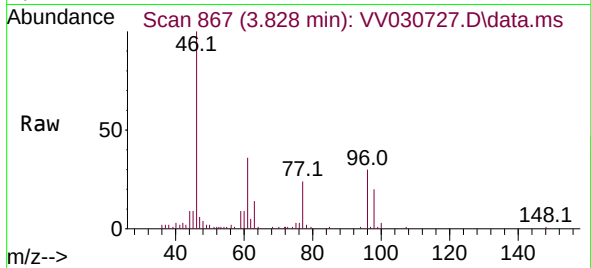




#20
 cis-1,2-Dichloroethene
 Concen: 7.297 ug/L
 RT: 3.828 min Scan# 865
 Delta R.T. 0.007 min
 Lab File: VV030727.D
 Acq: 20 Apr 2023 19:19

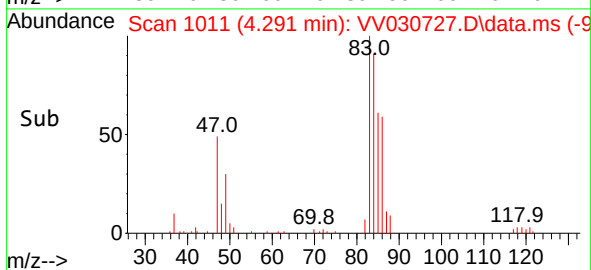
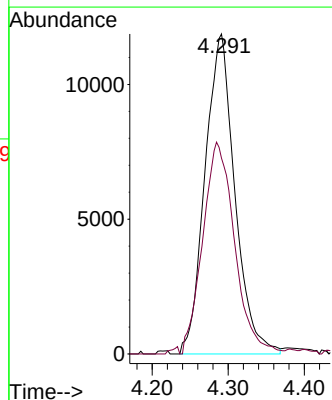
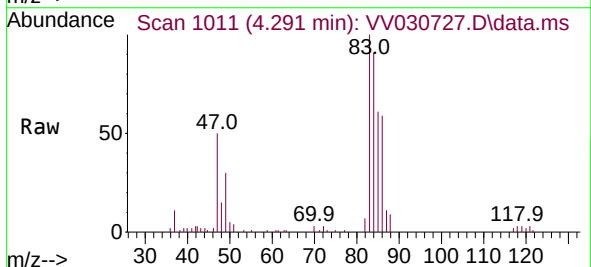
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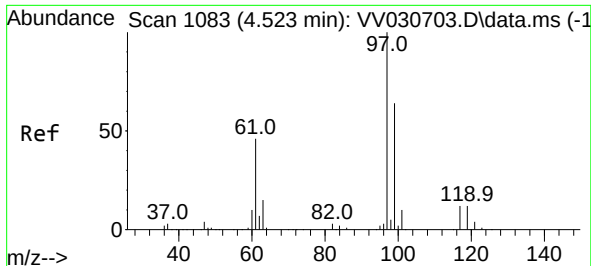
Tgt Ion: 96 Resp: 12624
 Ion Ratio Lower Upper
 96 100
 61 119.2 92.3 171.3
 98 67.9 45.9 85.3



#25
 Chloroform
 Concen: 9.653 ug/L
 RT: 4.291 min Scan# 1011
 Delta R.T. 0.007 min
 Lab File: VV030727.D
 Acq: 20 Apr 2023 19:19

Tgt Ion: 83 Resp: 32393
 Ion Ratio Lower Upper
 83 100
 85 61.2 45.8 85.2





#30

1,1,1-Trichloroethane

Concen: 3.492 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV030727.D

Acq: 20 Apr 2023 19:19

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

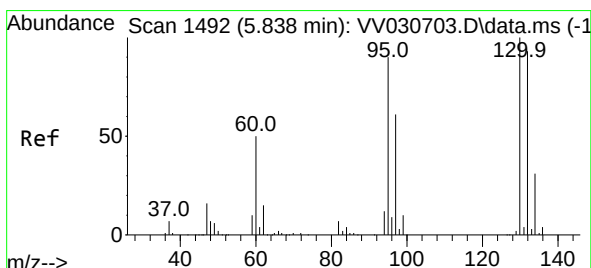
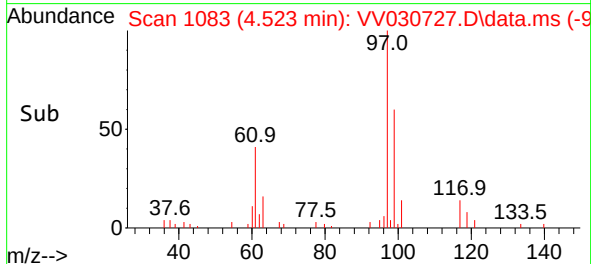
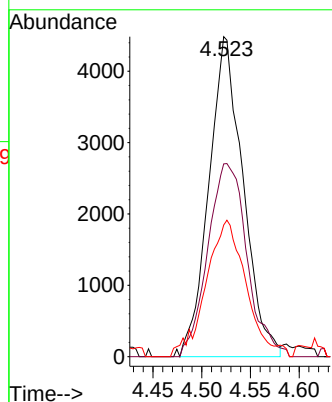
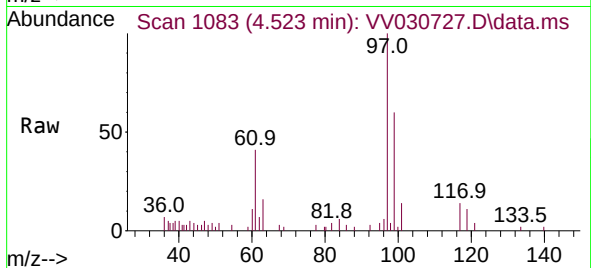
Tgt Ion: 97 Resp: 10929

Ion Ratio Lower Upper

97 100

99 69.2 51.4 77.0

61 42.0 37.0 55.6



#34

Trichloroethene

Concen: 66.486 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030727.D

Acq: 20 Apr 2023 19:19

Tgt Ion: 95 Resp: 116978

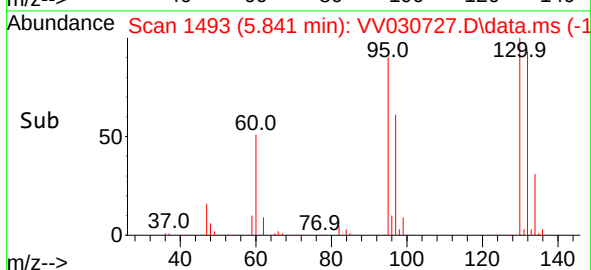
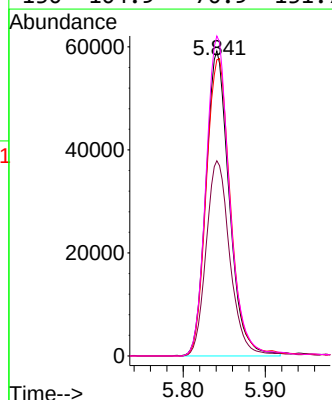
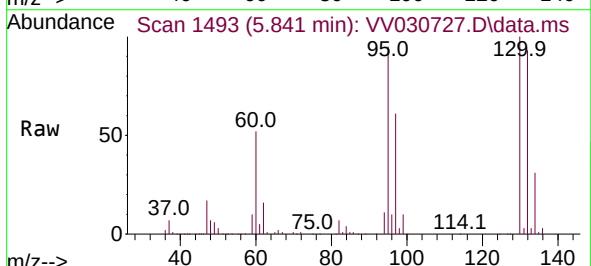
Ion Ratio Lower Upper

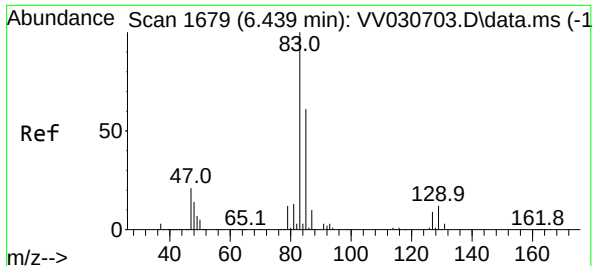
95 100

97 64.0 45.8 85.2

132 97.1 70.6 131.2

130 104.9 70.9 131.7





#38

Bromodichloromethane

Concen: 1.047 ug/L

RT: 6.449 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV030727.D

Acq: 20 Apr 2023 19:19

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

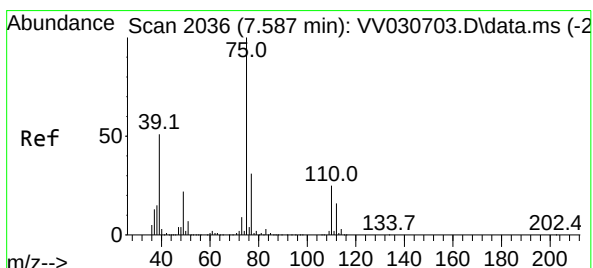
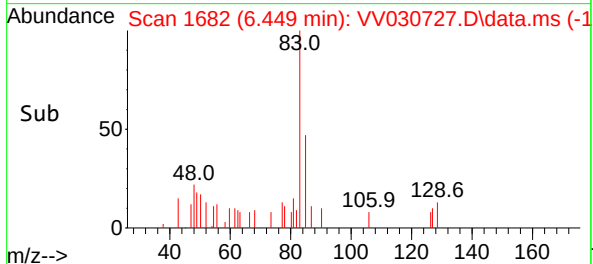
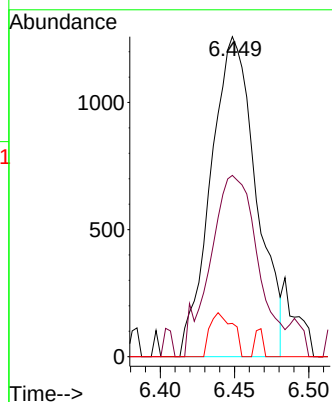
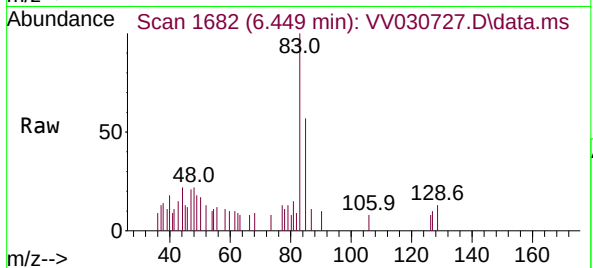
Tgt Ion: 83 Resp: 2678

Ion Ratio Lower Upper

83 100

85 56.6 45.4 84.4

127 10.4 7.0 10.4



#44

trans-1,3-Dichloropropene

Concen: 0.758 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030727.D

Acq: 20 Apr 2023 19:19

Tgt Ion: 75 Resp: 2036

Ion Ratio Lower Upper

75 100

77 37.4 22.1 41.1

