

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033769.D
 Acq On : 19 Jan 2024 21:59
 Operator : SY/MD
 Sample : P1189-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMM5

Quant Time: Jan 20 00:31:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

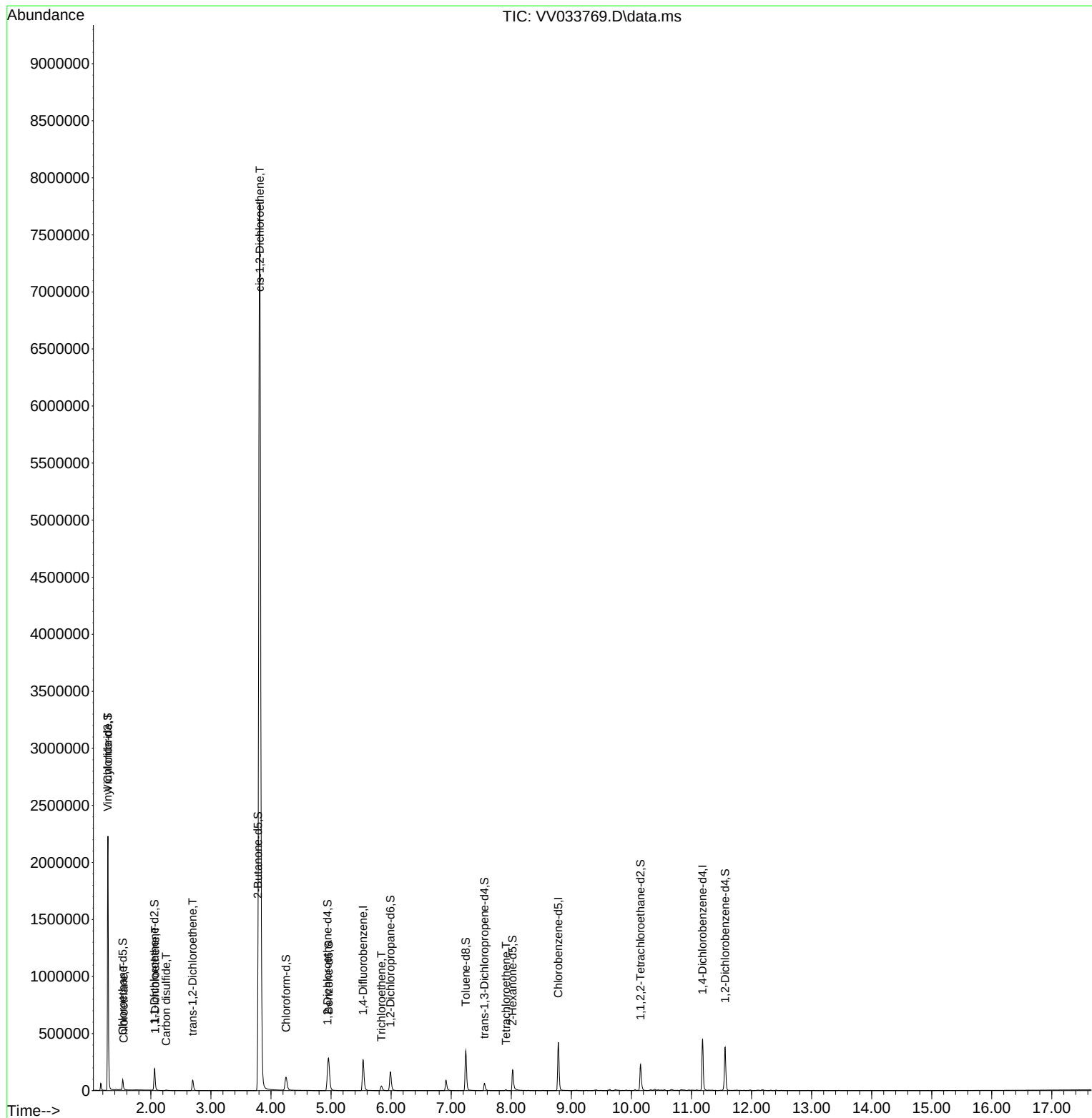
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	230866	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	221935	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	75350	42.467	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.940%		
7) Chloroethane-d5	1.532	69	55984	39.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.680%		
11) 1,1-Dichloroethene-d2	2.060	65	31017	40.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.240%		
21) 2-Butanone-d5	3.783	46	96119	78.979	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.980%		
24) Chloroform-d	4.249	84	123164	38.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.640%		
26) 1,2-Dichloroethane-d4	4.941	65	85803	41.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.720%		
32) Benzene-d6	4.960	84	245430	38.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.800%		
36) 1,2-Dichloropropane-d6	5.989	67	77457	37.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.600%		
41) Toluene-d8	7.243	98	227116	39.951	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.900%#		
43) trans-1,3-Dichloroprop...	7.555	79	38434	37.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.880%		
47) 2-Hexanone-d5	8.021	63	63319	73.500	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.500%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105410	39.756	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	90769	43.457	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1306879	625.502	ug/L	99
8) Chloroethane	1.548	64	3207	2.574	ug/L #	72
12) 1,1-Dichloroethene	2.072	96	4929	3.557	ug/L #	1
14) Carbon disulfide	2.252	76	7638	1.622	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	34046	21.998	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	4056387	2354.879	ug/L	96
34) Trichloroethene	5.838	95	14638	8.371	ug/L	96
46) Tetrachloroethene	7.911	164	1602	1.249	ug/L	97

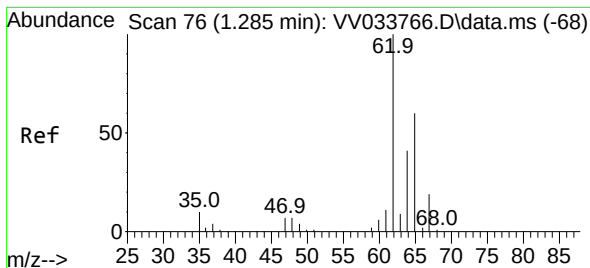
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 625.502 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033769.D

Acq: 19 Jan 2024 21:59

Instrument :

MSVOA_V

ClientSampleId :

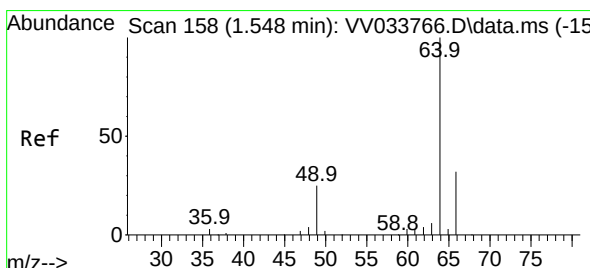
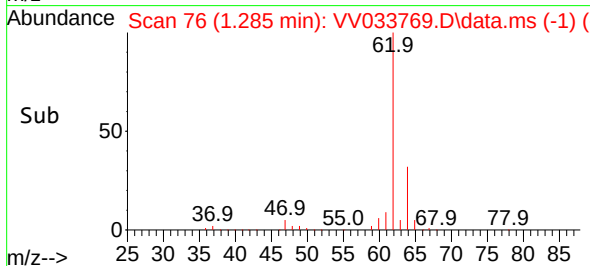
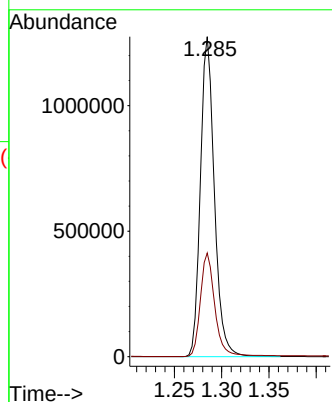
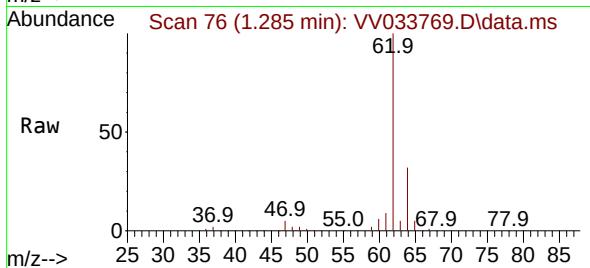
DCMM5

Tgt Ion: 62 Resp: 1306879

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.0



#8

Chloroethane

Concen: 2.574 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV033769.D

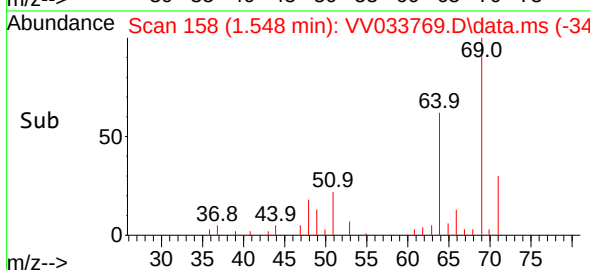
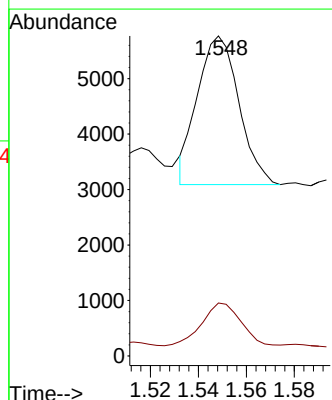
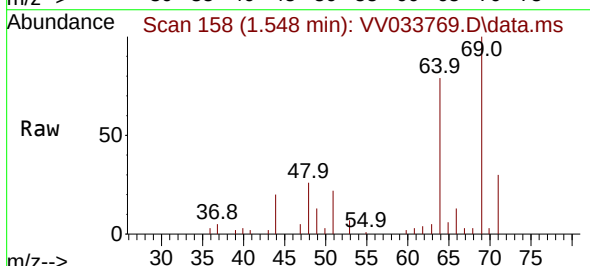
Acq: 19 Jan 2024 21:59

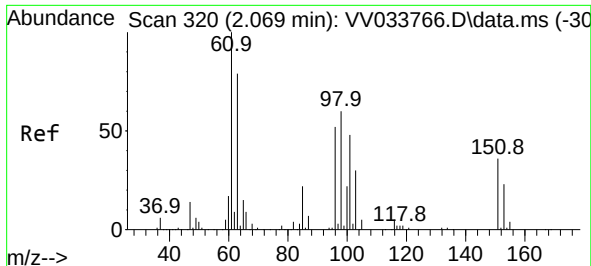
Tgt Ion: 64 Resp: 3207

Ion Ratio Lower Upper

64 100

66 16.6 22.5 41.9#





#12

1,1-Dichloroethene

Concen: 3.557 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033769.D

Acq: 19 Jan 2024 21:59

Instrument :

MSVOA_V

ClientSampleId :

DCMM5

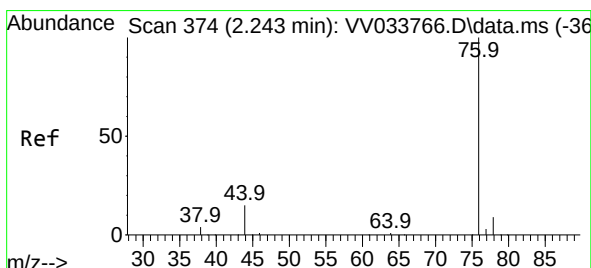
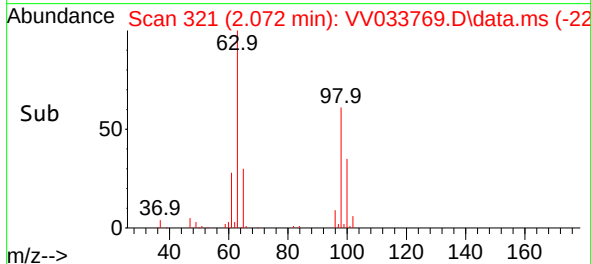
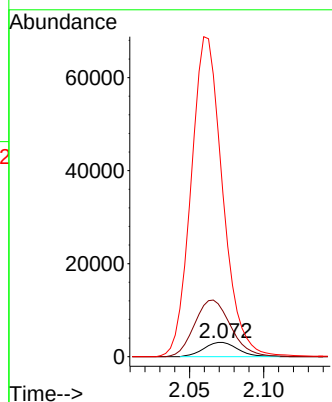
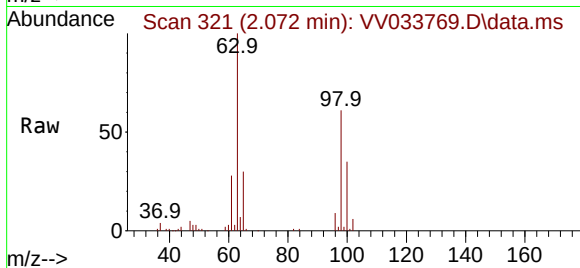
Tgt Ion: 96 Resp: 4929

Ion Ratio Lower Upper

96 100

61 320.9 134.0 248.8#

63 1147.3 103.4 192.0#



#14

Carbon disulfide

Concen: 1.622 ug/L

RT: 2.252 min Scan# 377

Delta R.T. 0.010 min

Lab File: VV033769.D

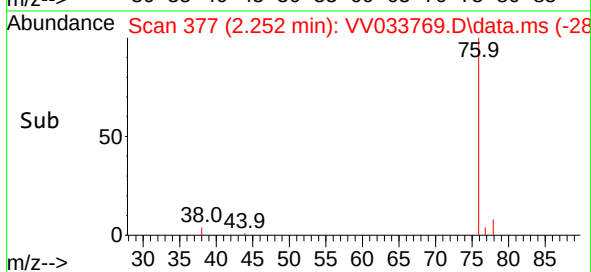
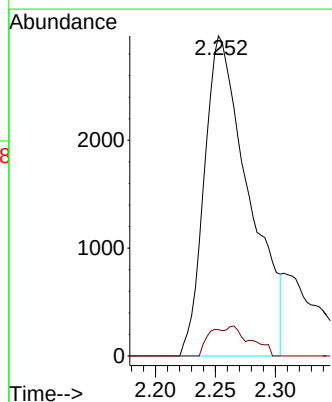
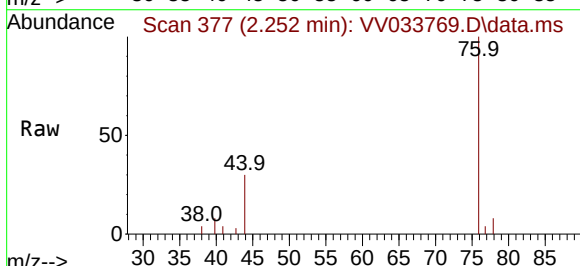
Acq: 19 Jan 2024 21:59

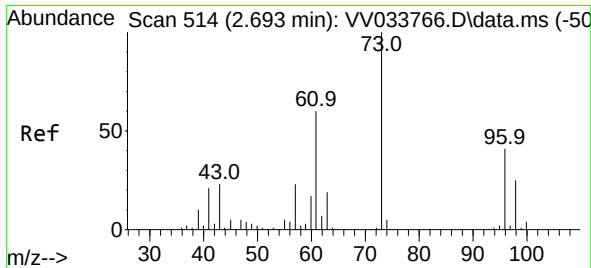
Tgt Ion: 76 Resp: 7638

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7

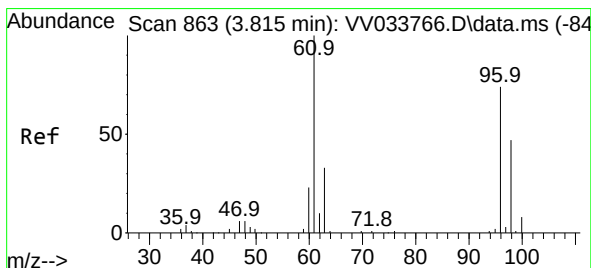
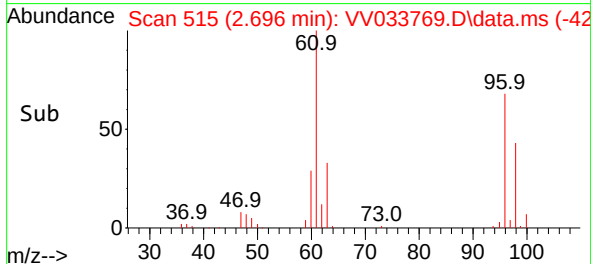
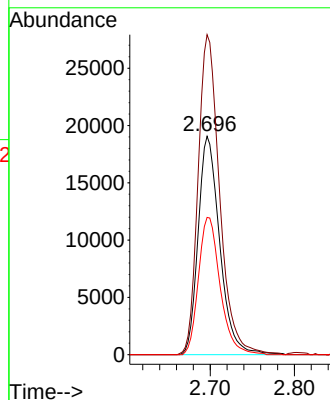
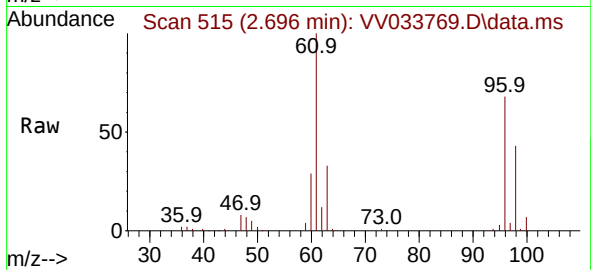




#17
trans-1,2-Dichloroethene
Concen: 21.998 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033769.D
Acq: 19 Jan 2024 21:59

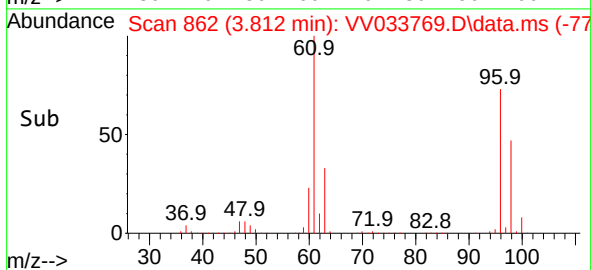
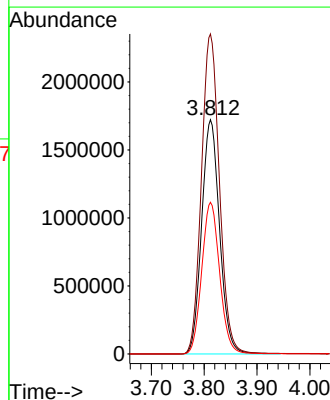
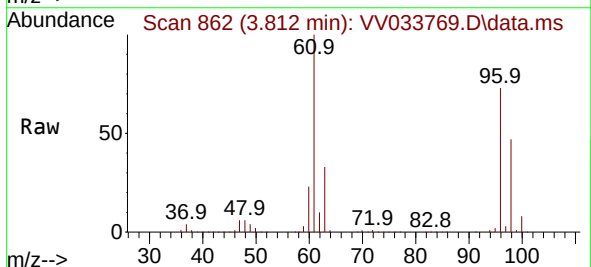
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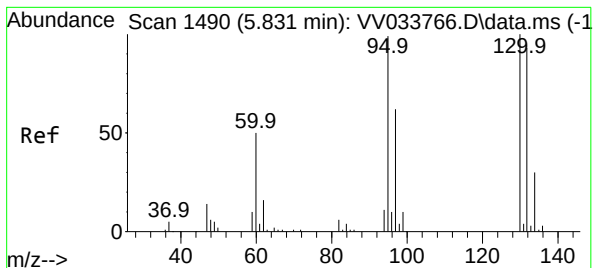
Tgt Ion: 96 Resp: 34046
Ion Ratio Lower Upper
96 100
61 146.6 108.4 201.4
98 62.9 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 2354.879 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033769.D
Acq: 19 Jan 2024 21:59

Tgt Ion: 96 Resp: 4056387
Ion Ratio Lower Upper
96 100
61 136.6 100.6 186.8
98 64.8 44.6 82.8





#34

Trichloroethene

Concen: 8.371 ug/L

RT: 5.838 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV033769.D

Acq: 19 Jan 2024 21:59

Instrument :

MSVOA_V

ClientSampleId :

DCMM5

Tgt Ion: 95 Resp: 14638

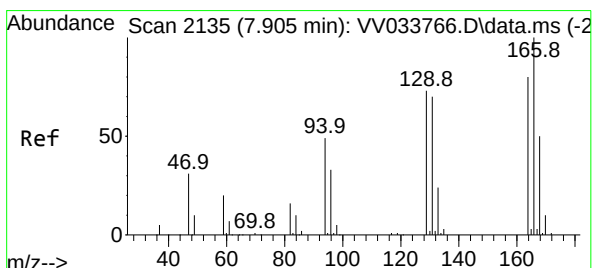
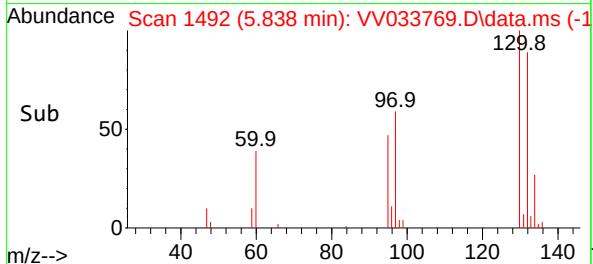
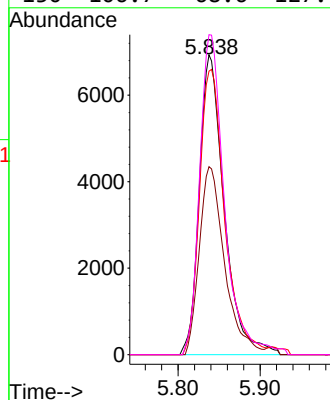
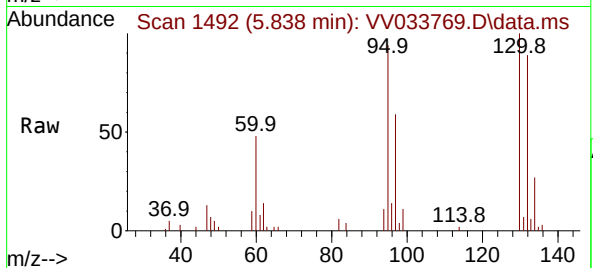
Ion Ratio Lower Upper

95 100

97 62.7 44.4 82.4

132 94.6 65.5 121.7

130 106.7 68.6 127.4



#46

Tetrachloroethene

Concen: 1.249 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.007 min

Lab File: VV033769.D

Acq: 19 Jan 2024 21:59

Tgt Ion: 164 Resp: 1602

Ion Ratio Lower Upper

164 100

129 96.3 66.1 122.7

131 94.3 65.9 122.5

166 133.8 88.5 164.3

