

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072724\
 Data File : VV036735.D
 Acq On : 26 Jul 2024 16:52
 Operator : SY/MD
 Sample : P3328-19RE
 Misc : 8.90g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20M4RE

Quant Time: Jul 27 04:18:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

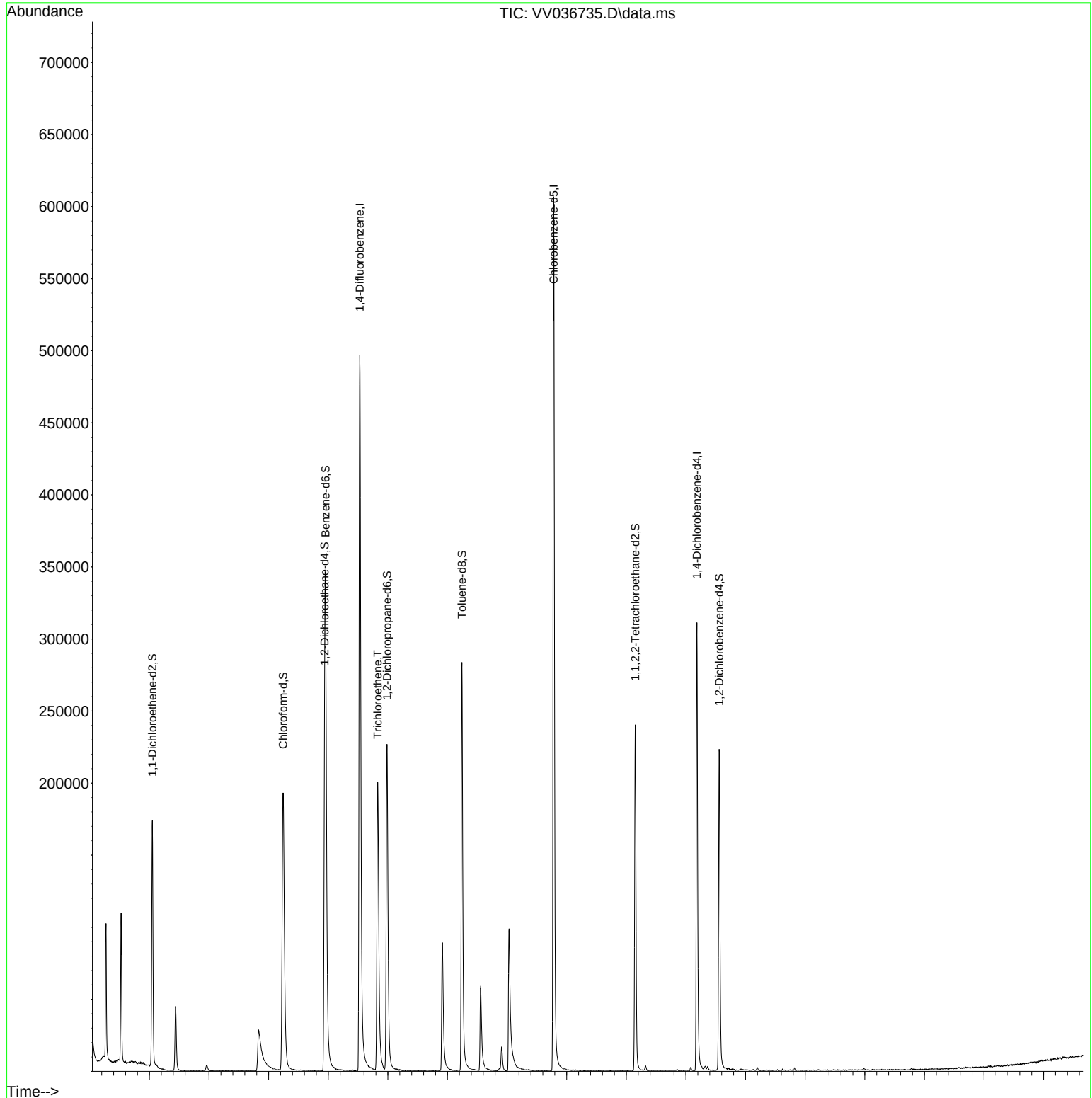
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	478515	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	379737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	61229	11.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.720%		
7) Chloroethane-d5	1.526	69	70054	14.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.200%		
11) 1,1-Dichloroethene-d2	2.050	65	27494	9.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	39.680%#		
21) 2-Butanone-d5	3.838	46	47613	38.928	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.860%		
24) Chloroform-d	4.243	84	225660	17.831	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.320%		
26) 1,2-Dichloroethane-d4	4.937	65	118632	19.001	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.000%		
32) Benzene-d6	4.953	84	306241	17.016	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.080%		
36) 1,2-Dichloropropane-d6	5.986	67	114222	22.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.080%		
41) Toluene-d8	7.243	98	210787	12.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	49.080%		
43) trans-1,3-Dichloroprop...	7.555	79	41547	18.225	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.920%		
47) 2-Hexanone-d5	8.030	63	37493	54.938	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.880%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115353	25.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.240%		
66) 1,2-Dichlorobenzene-d4	11.558	152	66232	20.178	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.720%		
Target Compounds						
16) Methylene chloride	2.439	84	21448	2.409	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	7296	0.937	ug/L	96
34) Trichloroethene	5.831	95	73485	10.413	ug/L	97
46) Tetrachloroethene	7.908	164	4706	0.672	ug/L	92

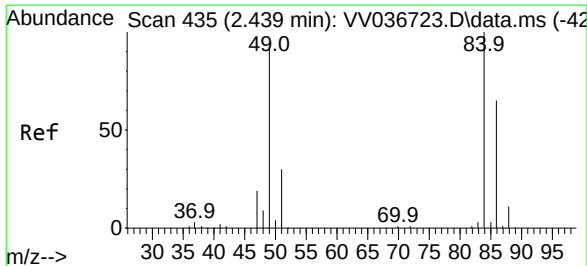
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 04:14:21 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.409 ug/L

RT: 2.439 min Scan# 43

Delta R.T. 0.000 min

Lab File: VV036735.D

Acq: 26 Jul 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

E20M4RE

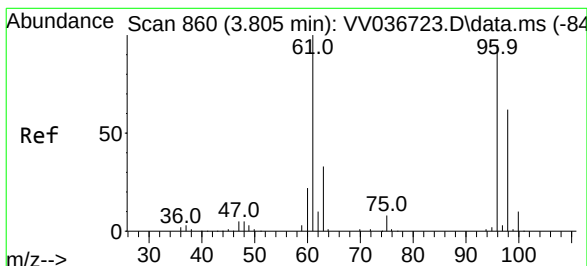
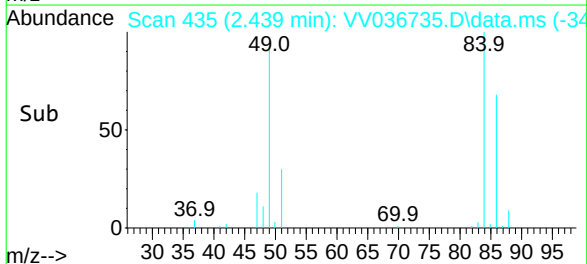
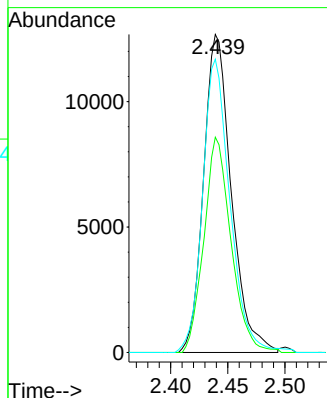
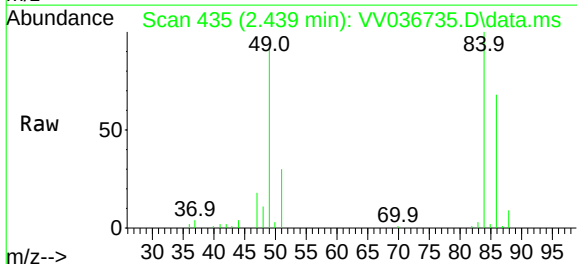
Tgt Ion: 84 Resp: 21448

Ion Ratio Lower Upper

84 100

86 67.7 47.2 87.6

49 92.2 67.3 125.1



#20

cis-1,2-Dichloroethene

Concen: 0.937 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.016 min

Lab File: VV036735.D

Acq: 26 Jul 2024 16:52

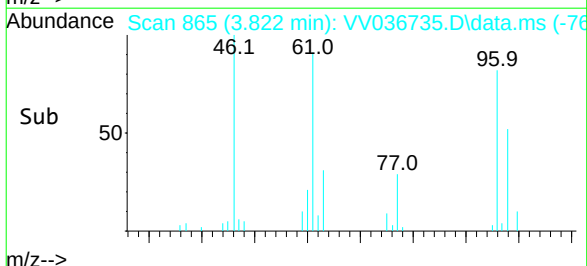
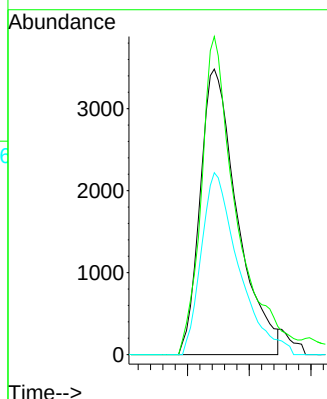
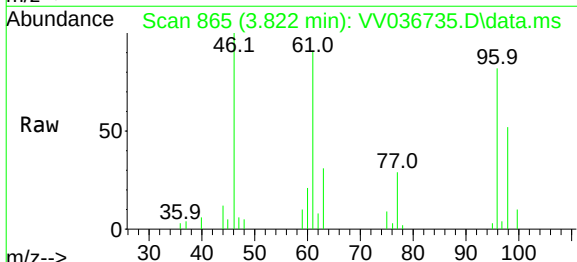
Tgt Ion: 96 Resp: 7296

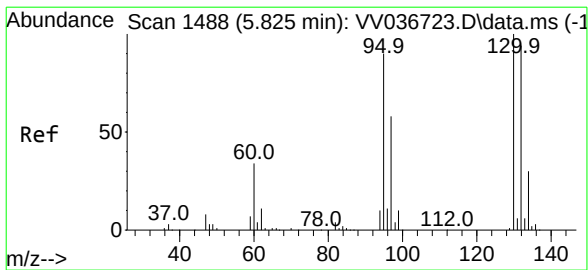
Ion Ratio Lower Upper

96 100

61 111.4 73.0 135.6

98 63.7 44.8 83.2





#34

Trichloroethene

Concen: 10.413 ug/L

RT: 5.831 min Scan# 14

Delta R.T. 0.006 min

Lab File: VV036735.D

Acq: 26 Jul 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

E20M4RE

Tgt Ion: 95 Resp: 73485

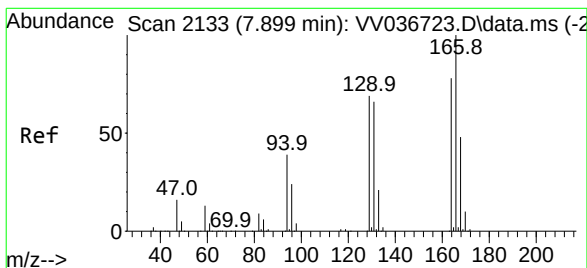
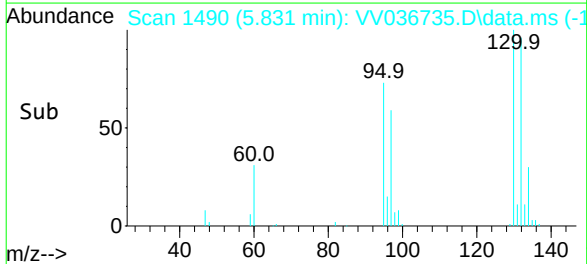
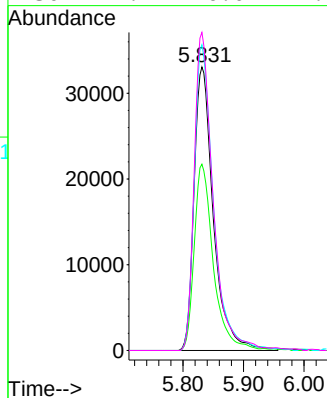
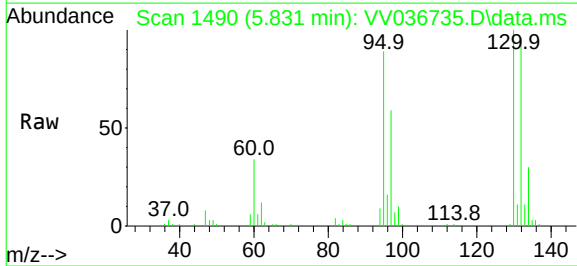
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.7

132 107.9 72.7 134.9

130 112.2 76.0 141.2



#46

Tetrachloroethene

Concen: 0.672 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.010 min

Lab File: VV036735.D

Acq: 26 Jul 2024 16:52

Tgt Ion: 164 Resp: 4706

Ion Ratio Lower Upper

164 100

129 97.2 61.0 113.2

131 93.4 60.1 111.5

166 120.5 89.7 166.7

