

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035928.D
 Acq On : 31 May 2024 14:35
 Operator : SY/MD
 Sample : P2659-01
 Misc : 4.36g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:03:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

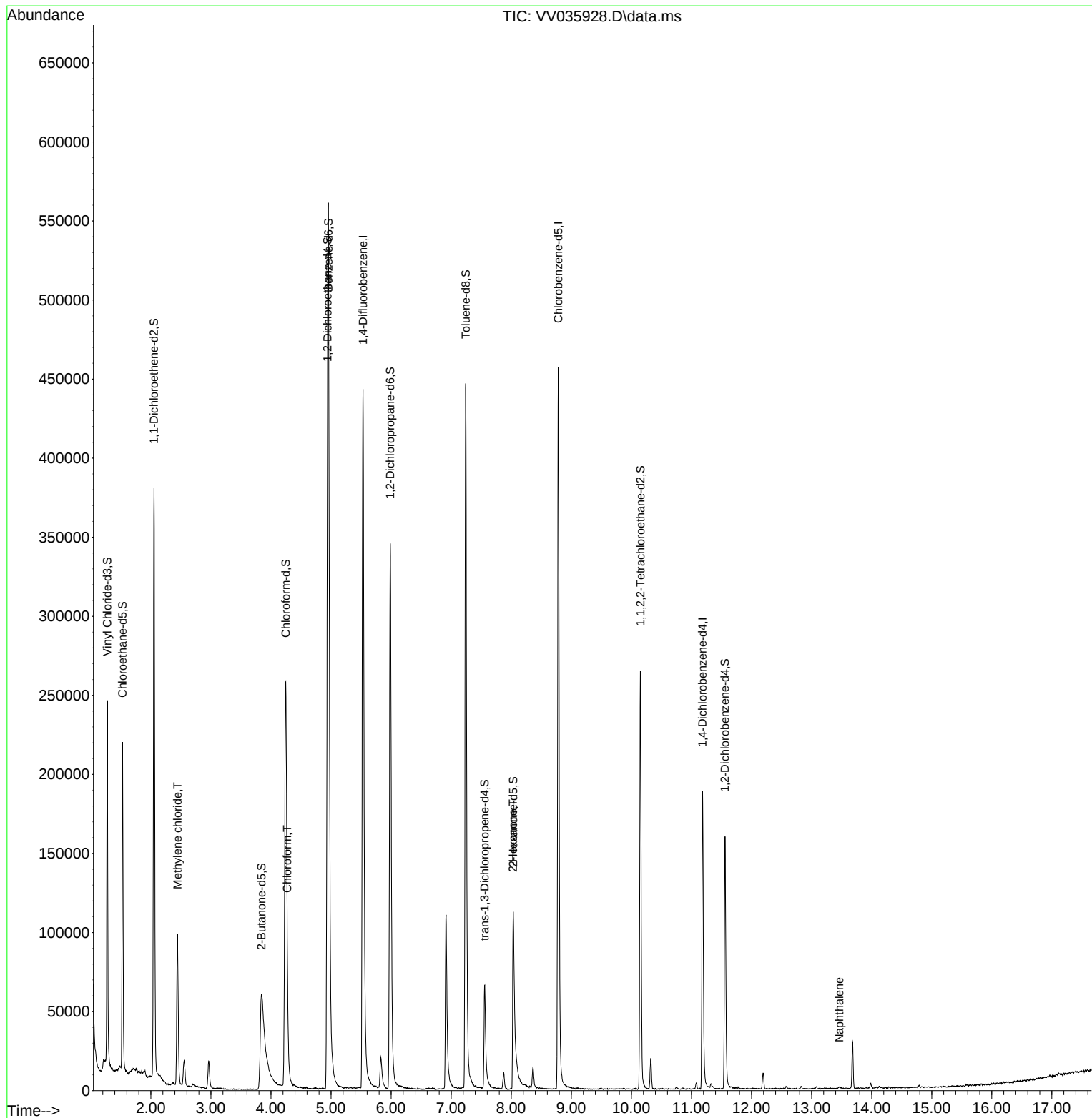
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395429	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	265845	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	52659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	151404	20.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.320%		
7) Chloroethane-d5	1.529	69	136163	23.489	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.960%		
11) 1,1-Dichloroethene-d2	2.053	65	64087	19.802	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.200%		
21) 2-Butanone-d5	3.841	46	75314	45.152	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.300%		
24) Chloroform-d	4.246	84	289715	23.045	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.200%		
26) 1,2-Dichloroethane-d4	4.941	65	164308	24.928	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.720%		
32) Benzene-d6	4.957	84	501756	31.752	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	127.000%		
36) 1,2-Dichloropropane-d6	5.986	67	181014	36.375	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	145.480%#		
41) Toluene-d8	7.243	98	319141	22.889	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.560%		
43) trans-1,3-Dichloroprop...	7.558	79	45207	22.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.640%		
47) 2-Hexanone-d5	8.034	63	40685	60.343	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.680%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	134462	36.159	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	144.640%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	45990	23.816	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.280%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	42636	4.765	ug/L	99
25) Chloroform	4.272	83	7853	0.596	ug/L	95
48) 2-Hexanone	8.030	43	5694	2.936	ug/L #	69
71) Naphthalene	13.461	128	1575	0.462	ug/L #	77

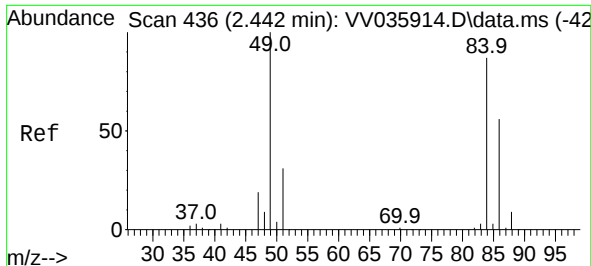
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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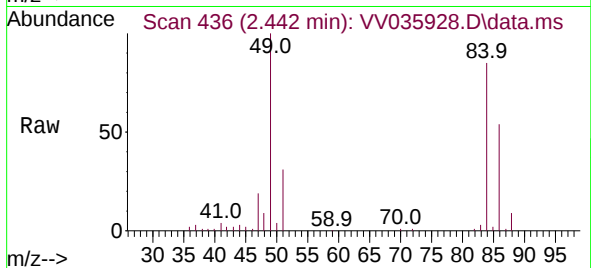
Quant Time: May 31 23:03:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 22:59:48 2024
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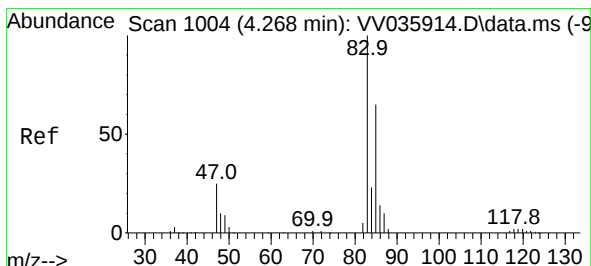
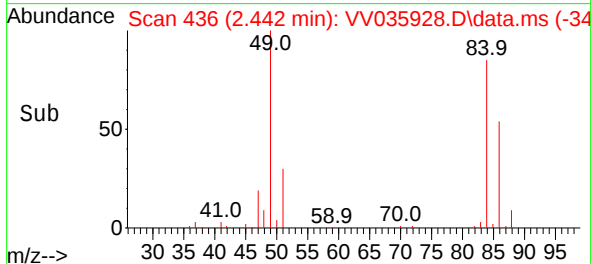
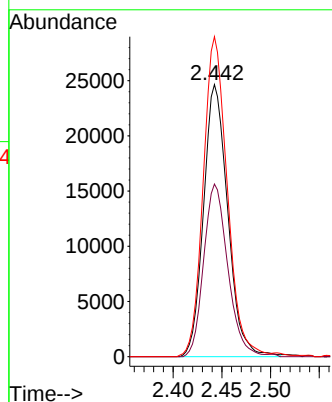


#16
Methylene chloride
Concen: 4.765 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035928.D
Acq: 31 May 2024 14:35

Instrument :
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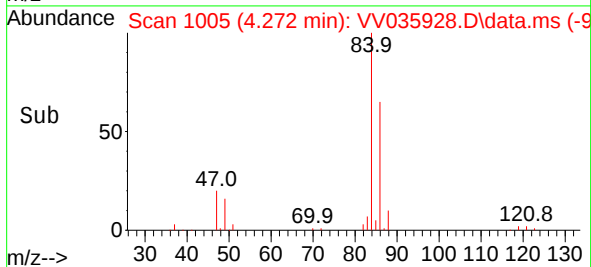
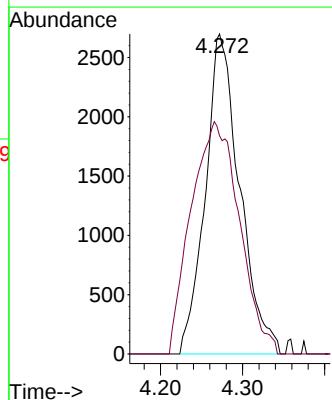
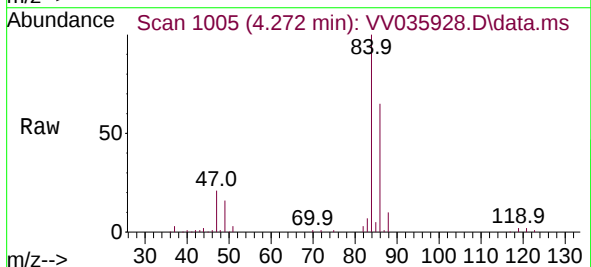


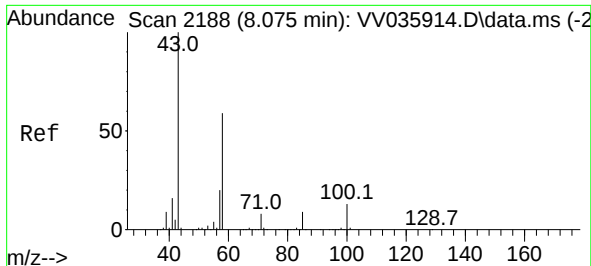
Tgt Ion: 84 Resp: 42636
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 117.6 81.1 150.5



#25
Chloroform
Concen: 0.596 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035928.D
Acq: 31 May 2024 14:35

Tgt Ion: 83 Resp: 7853
Ion Ratio Lower Upper
83 100
85 68.2 45.2 84.0





#48

2-Hexanone

Concen: 2.936 ug/L

RT: 8.030 min Scan# 2188

Delta R.T. -0.045 min

Lab File: VV035928.D

Acq: 31 May 2024 14:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 5694

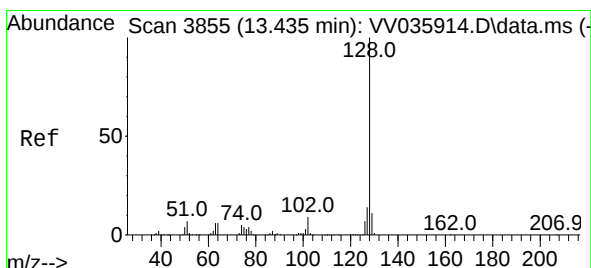
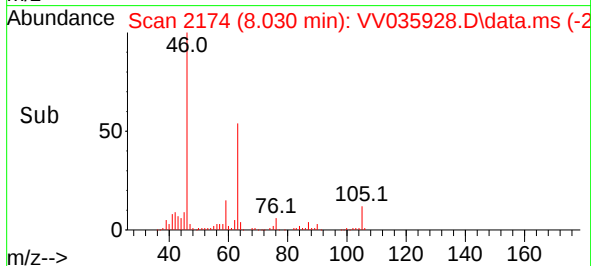
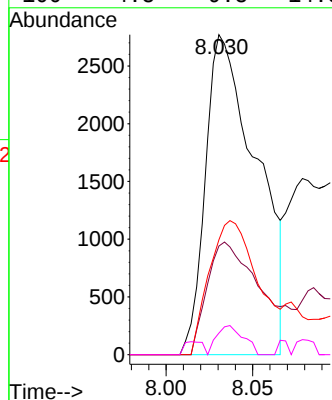
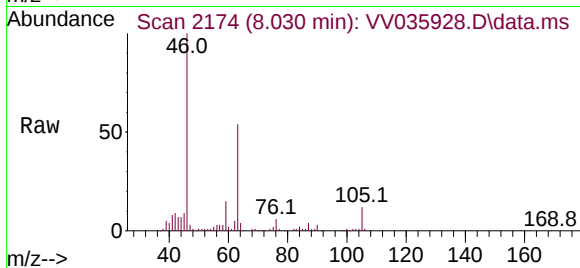
Ion Ratio Lower Upper

43 100

58 35.5 45.4 68.0#

57 40.0 15.8 23.8#

100 4.8 9.8 14.8#



#71

Naphthalene

Concen: 0.462 ug/L

RT: 13.461 min Scan# 3863

Delta R.T. 0.026 min

Lab File: VV035928.D

Acq: 31 May 2024 14:35

Tgt Ion: 128 Resp: 1575

Ion Ratio Lower Upper

128 100

127 6.2 10.6 16.0#

129 0.0 8.8 13.2#

