

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035939.D
 Acq On : 31 May 2024 18:44
 Operator : SY/MD
 Sample : P2663-10
 Misc : 5.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:05:31 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)

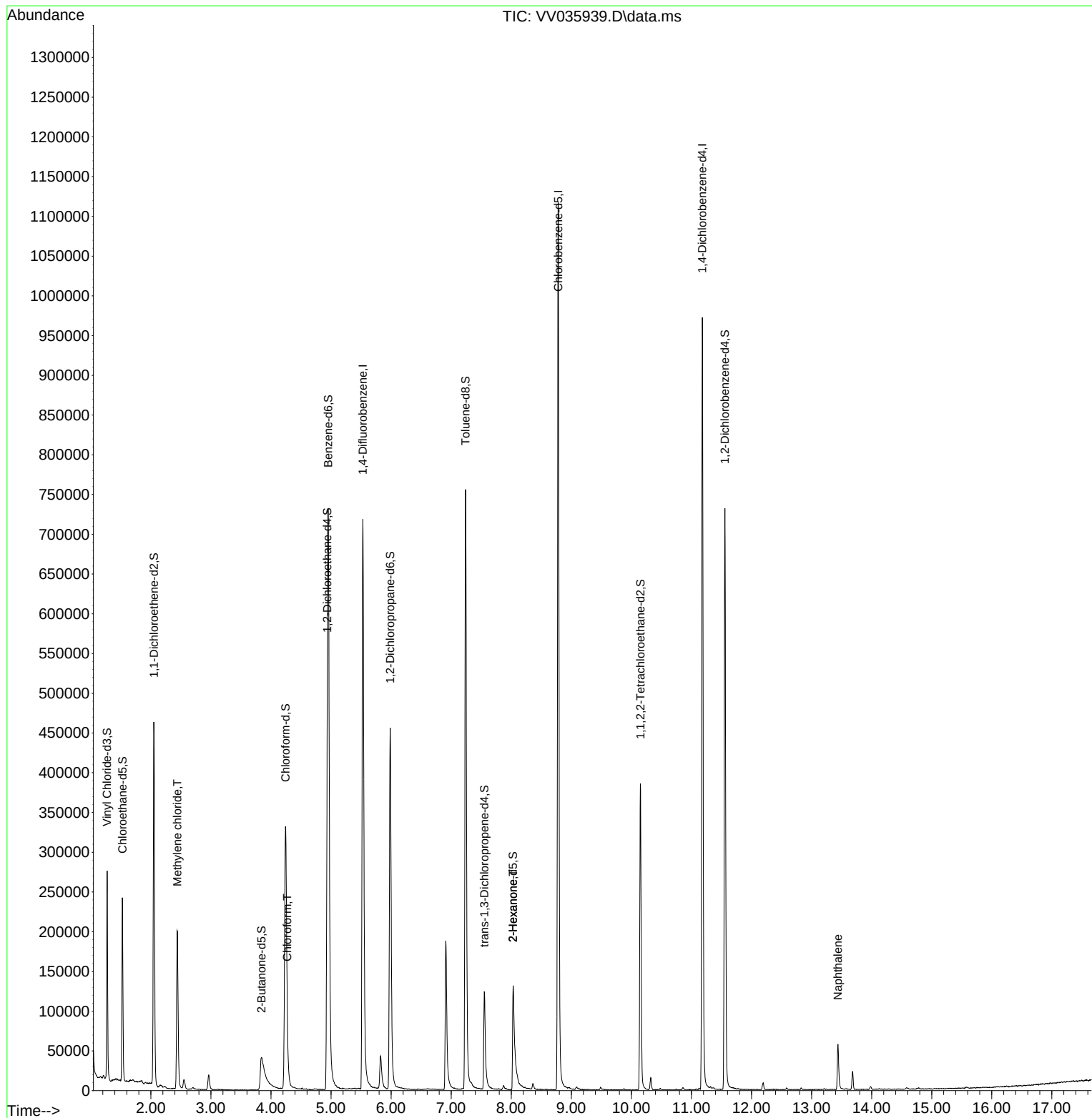
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	637688	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	635634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	255835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	176983	15.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.400%		
7) Chloroethane-d5	1.526	69	156178	16.707	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.840%		
11) 1,1-Dichloroethene-d2	2.050	65	79893	15.308	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.240%		
21) 2-Butanone-d5	3.841	46	65472	24.340	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.680%		
24) Chloroform-d	4.243	84	364427	17.976	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.920%		
26) 1,2-Dichloroethane-d4	4.937	65	206699	19.446	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.800%		
32) Benzene-d6	4.953	84	666076	17.629	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.520%		
36) 1,2-Dichloropropane-d6	5.986	67	236483	19.875	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.520%		
41) Toluene-d8	7.239	98	524740	15.740	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	62.960%		
43) trans-1,3-Dichloroprop...	7.551	79	80791	16.560	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.240%		
47) 2-Hexanone-d5	8.030	63	50084	31.068	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.140%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191536	21.542	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	195573	20.846	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.400%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	89139	6.178	ug/L	99
25) Chloroform	4.272	83	11033	0.519	ug/L	93
48) 2-Hexanone	8.030	43	3992	0.861	ug/L #	53
71) Naphthalene	13.439	128	48924	2.953	ug/L	99

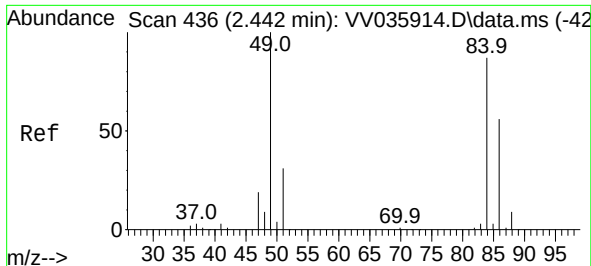
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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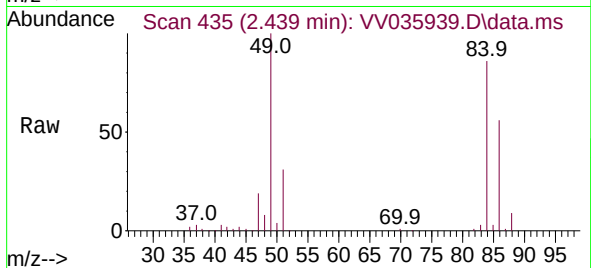
Quant Time: May 31 23:05:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 22:59:48 2024
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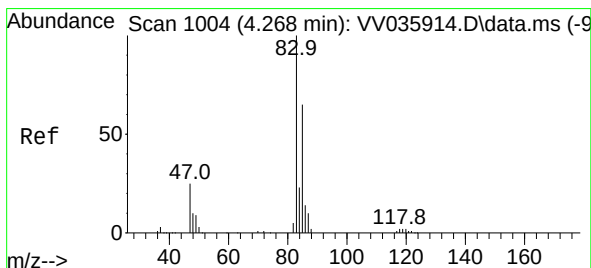
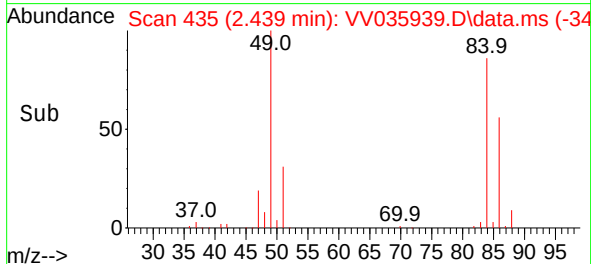
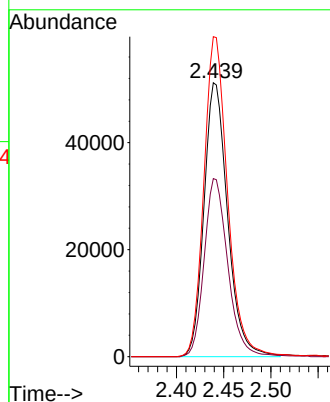


#16
Methylene chloride
Concen: 6.178 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV035939.D
Acq: 31 May 2024 18:44

Instrument :
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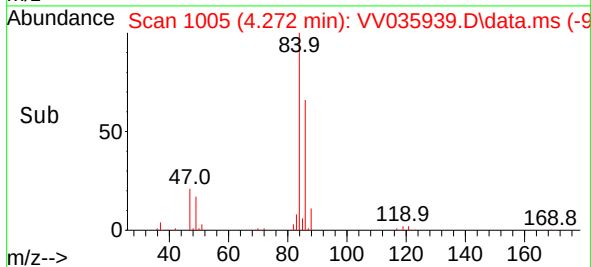
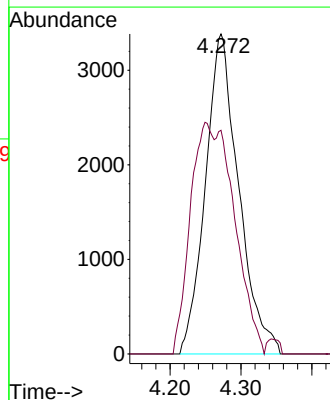
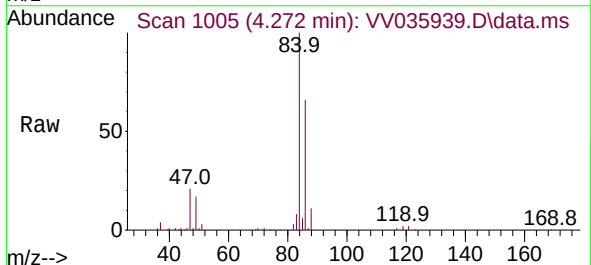


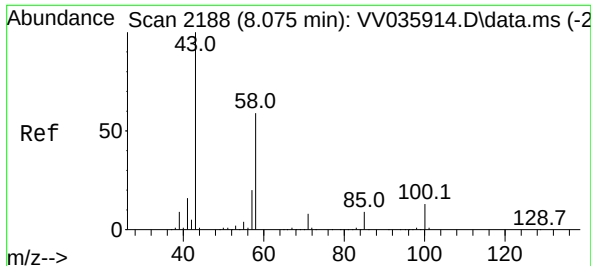
Tgt Ion: 84 Resp: 89139
Ion Ratio Lower Upper
84 100
86 65.0 44.6 82.8
49 116.8 81.1 150.5



#25
Chloroform
Concen: 0.519 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035939.D
Acq: 31 May 2024 18:44

Tgt Ion: 83 Resp: 11033
Ion Ratio Lower Upper
83 100
85 69.9 45.2 84.0





#48

2-Hexanone

Concen: 0.861 ug/L

RT: 8.030 min Scan# 2188

Delta R.T. -0.045 min

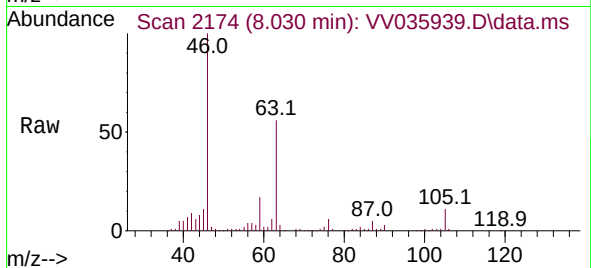
Lab File: VV035939.D

Acq: 31 May 2024 18:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3992

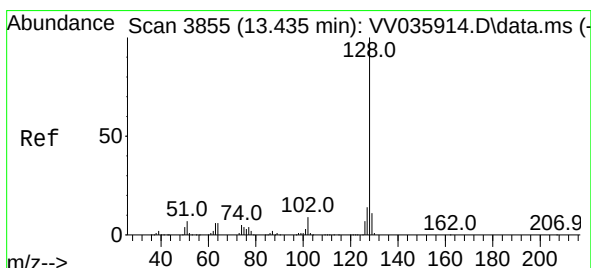
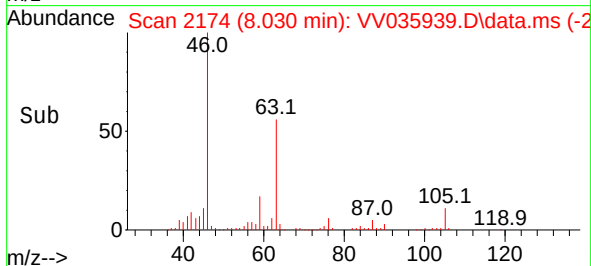
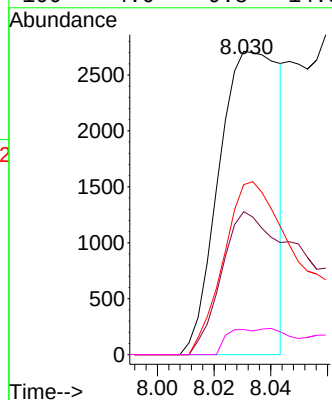
Ion Ratio Lower Upper

43 100

58 41.9 45.4 68.0#

57 84.2 15.8 23.8#

100 4.0 9.8 14.8#



#71

Naphthalene

Concen: 2.953 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV035939.D

Acq: 31 May 2024 18:44

Tgt Ion: 128 Resp: 48924

Ion Ratio Lower Upper

128 100

127 14.1 10.6 16.0

129 11.2 8.8 13.2

