

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035876.D
 Acq On : 29 May 2024 19:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

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

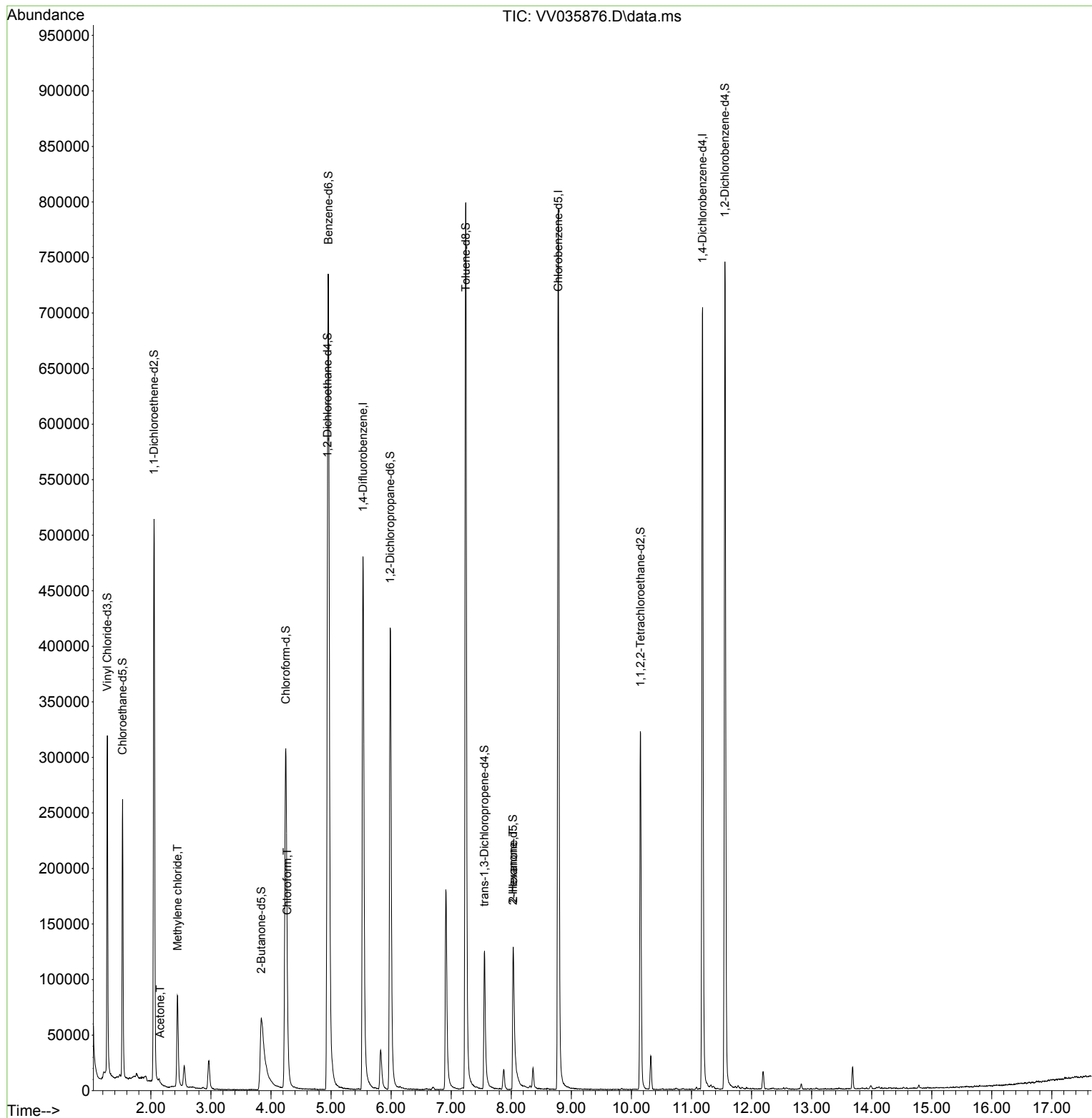
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	425848	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	451376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	189383	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	200662	30.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.960%	
7) Chloroethane-d5	1.529	69	163772	30.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.360%	
11) 1,1-Dichloroethene-d2	2.053	65	87644	30.078	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 120.320%#	
21) 2-Butanone-d5	3.838	46	76046	40.712	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.420%	
24) Chloroform-d	4.246	84	340296	26.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.520%	
26) 1,2-Dichloroethane-d4	4.940	65	188781	30.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.640%	
32) Benzene-d6	4.957	84	670212	27.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.520%	
36) 1,2-Dichloropropane-d6	5.985	67	216152	28.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.400%	
41) Toluene-d8	7.243	98	559633	25.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.800%	
43) trans-1,3-Dichloroprop...	7.555	79	80319	24.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.520%	
47) 2-Hexanone-d5	8.030	63	51560	37.604	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.200%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	163939	22.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 89.240%	
66) 1,2-Dichlorobenzene-d4	11.558	152	197033	29.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 119.920%	
Target Compounds						
						Qvalue
13) Acetone	2.153	43	2942	1.076	ug/L #	54
16) Methylene chloride	2.442	84	35341	3.599	ug/L	94
25) Chloroform	4.272	83	10274	0.716	ug/L	83
48) 2-Hexanone	8.034	43	6374	1.821	ug/L #	71

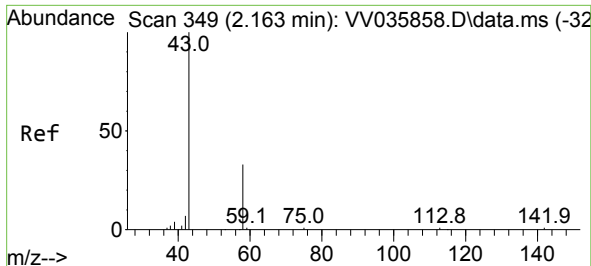
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.076 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV035876.D

Acq: 29 May 2024 19:52

Instrument :

MSVOA_V

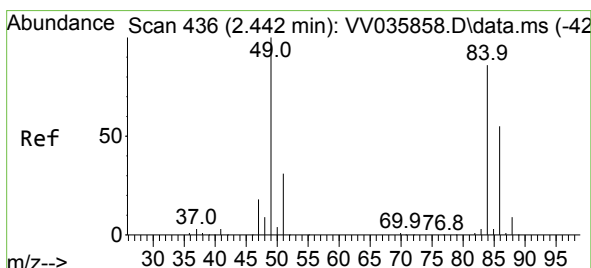
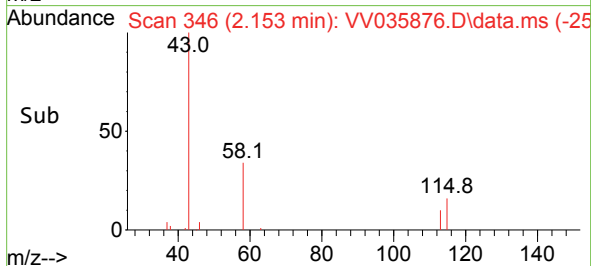
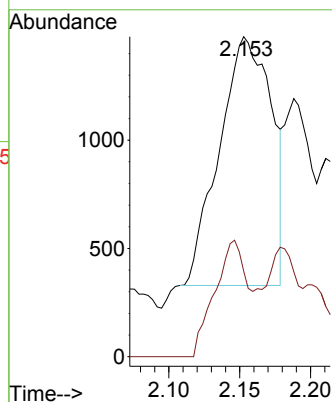
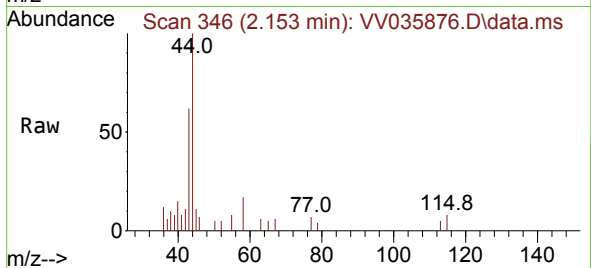
ClientSampleId :

Tgt Ion: 43 Resp: 2942

Ion Ratio Lower Upper

43 100

58 29.1 0.0 22.8#



#16

Methylene chloride

Concen: 3.599 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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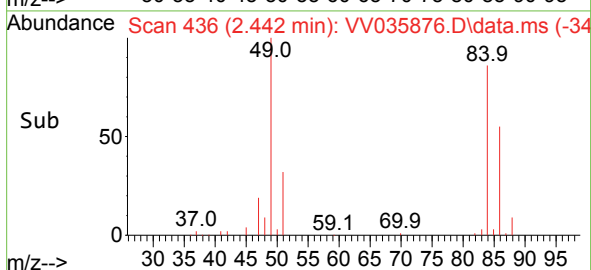
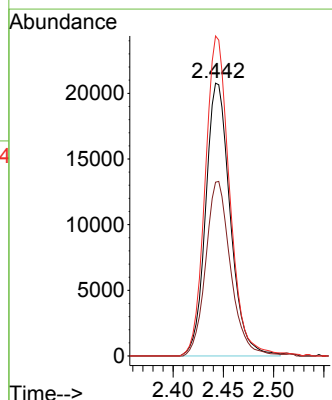
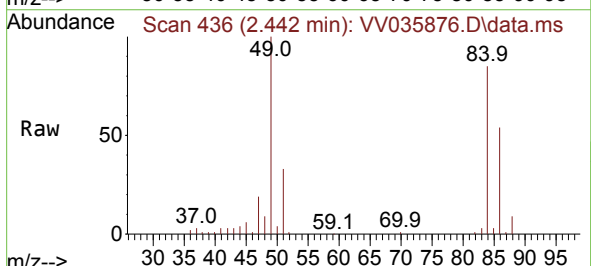
Tgt Ion: 84 Resp: 35341

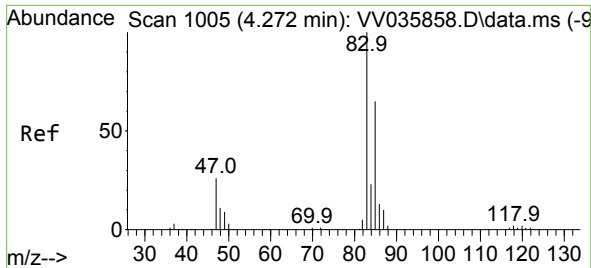
Ion Ratio Lower Upper

84 100

86 63.7 43.8 81.3

49 117.3 75.3 139.9

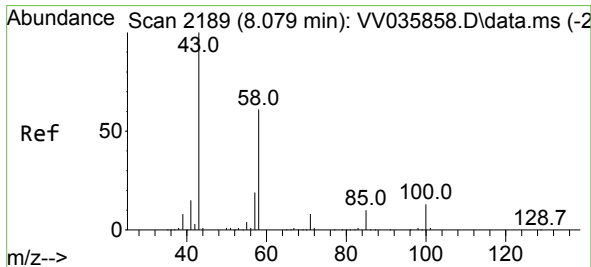
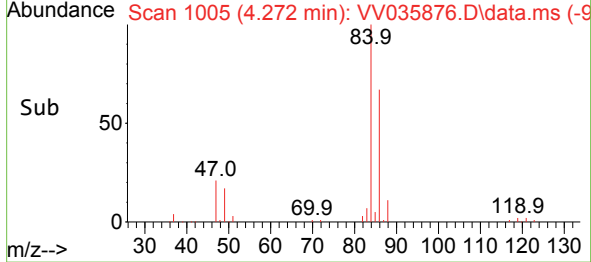
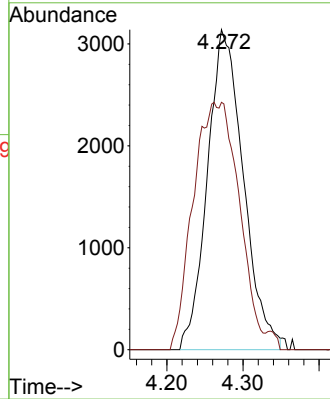
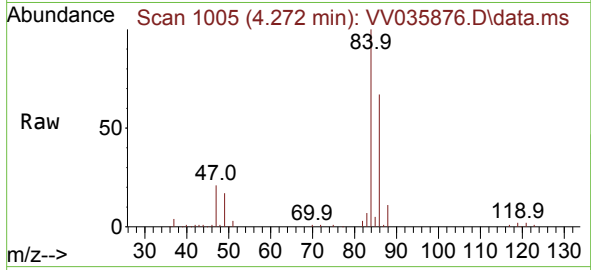




#25
Chloroform
Concen: 0.716 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10274
Ion Ratio Lower Upper
83 100
85 77.3 44.7 82.9



#48
2-Hexanone
Concen: 1.821 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
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Acq: 29 May 2024 19:52

Tgt Ion: 43 Resp: 6374
Ion Ratio Lower Upper
43 100
58 49.3 48.8 73.2
57 52.7 16.9 25.3#
100 1.9 11.7 17.5#

