

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036079.D
 Acq On : 13 Jun 2024 22:59
 Operator : SY/MD
 Sample : P2856-12
 Misc : 5.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:09:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

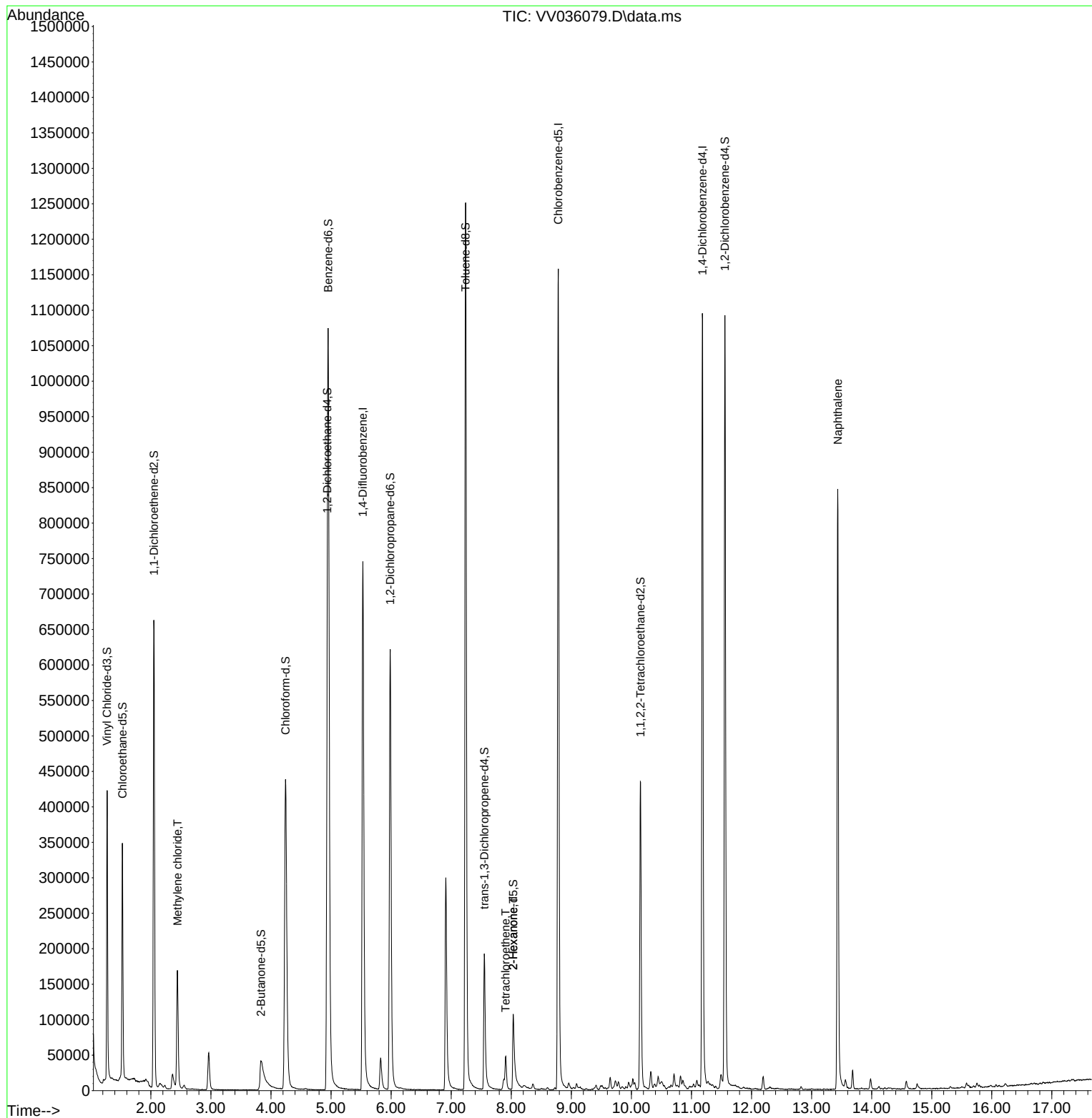
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660669	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	654623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	287090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	278832	22.956	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.840%		
7) Chloroethane-d5	1.526	69	226201	23.356	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.440%		
11) 1,1-Dichloroethene-d2	2.050	65	116048	21.461	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.840%		
21) 2-Butanone-d5	3.834	46	69669	24.999	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	50.000%		
24) Chloroform-d	4.243	84	489833	23.321	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.280%		
26) 1,2-Dichloroethane-d4	4.937	65	274474	24.924	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.680%		
32) Benzene-d6	4.953	84	999814	25.694	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.760%		
36) 1,2-Dichloropropane-d6	5.985	67	324117	26.450	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.800%		
41) Toluene-d8	7.239	98	863105	25.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.560%		
43) trans-1,3-Dichloroprop...	7.551	79	119575	23.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.200%		
47) 2-Hexanone-d5	8.034	63	44715	26.933	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.860%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	220153	24.042	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	281784	26.765	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.080%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	75285	5.036	ug/L	98
46) Tetrachloroethene	7.905	164	11535	1.202	ug/L	96
48) 2-Hexanone	8.034	43	5146	1.078	ug/L #	69
71) Naphthalene	13.435	128	677690	36.451	ug/L	99

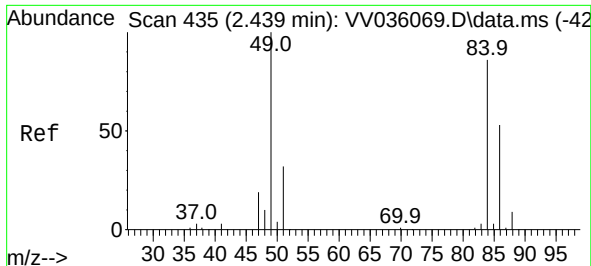
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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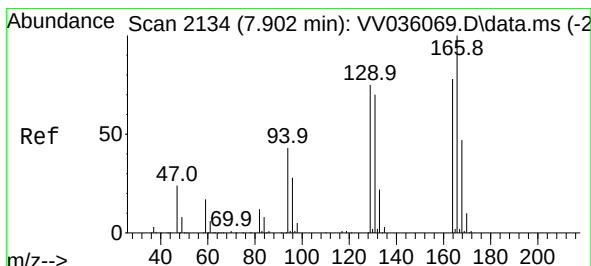
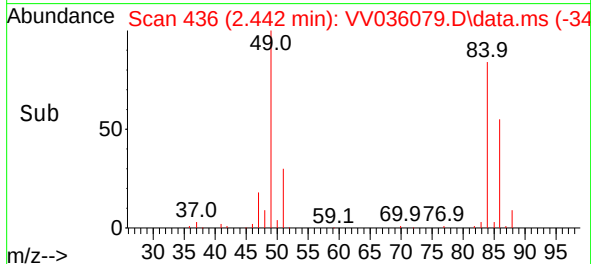
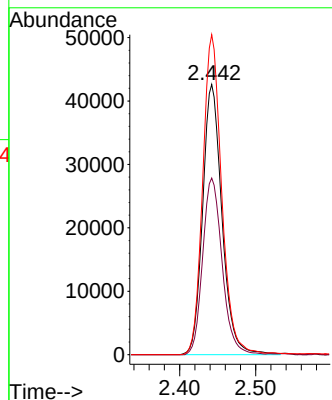
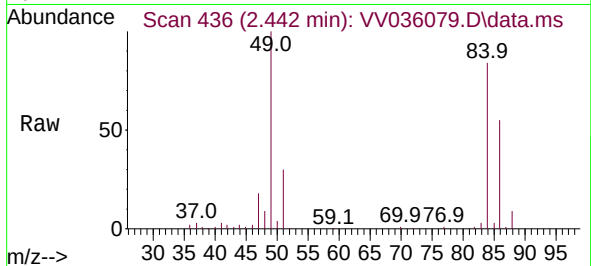




#16
Methylene chloride
Concen: 5.036 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036079.D
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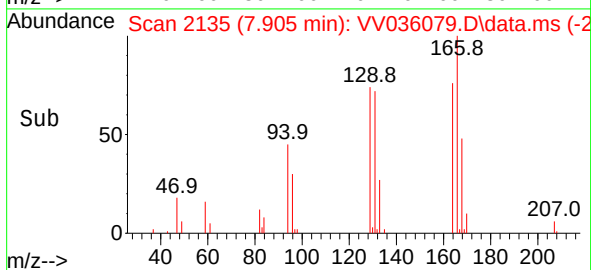
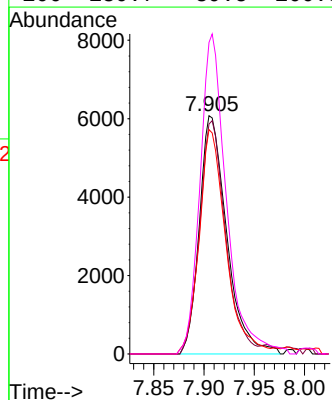
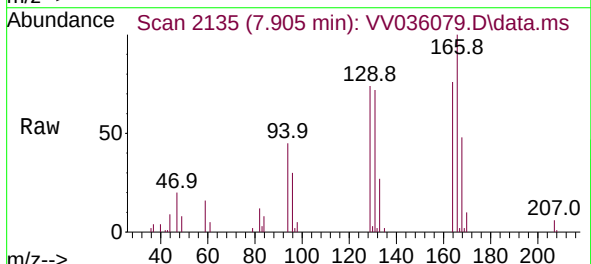
Instrument :
MSVOA_V
ClientSampleId :

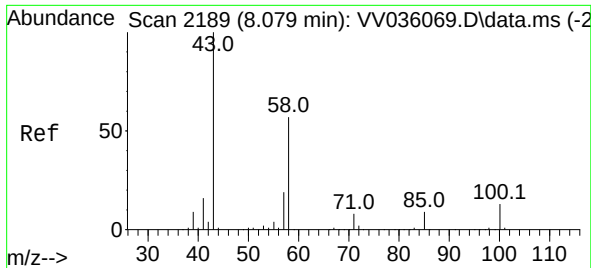
Tgt Ion: 84 Resp: 75285
Ion Ratio Lower Upper
84 100
86 65.4 44.6 82.8
49 118.4 81.1 150.5



#46
Tetrachloroethene
Concen: 1.202 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036079.D
Acq: 13 Jun 2024 22:59

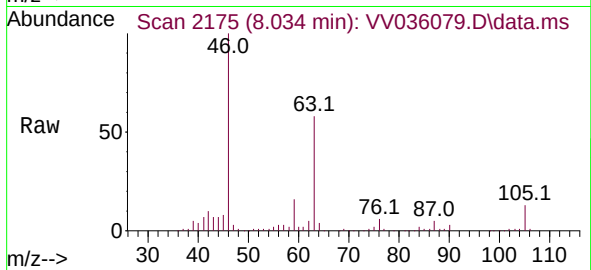
Tgt Ion:164 Resp: 11535
Ion Ratio Lower Upper
164 100
129 96.5 64.6 120.0
131 94.2 63.2 117.4
166 130.7 89.5 166.3



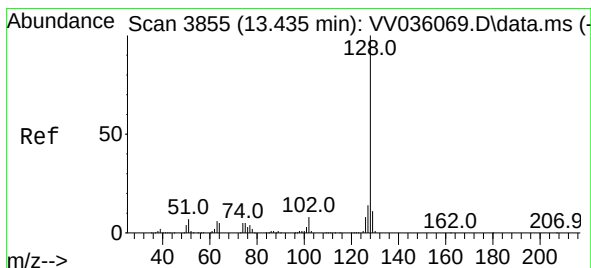
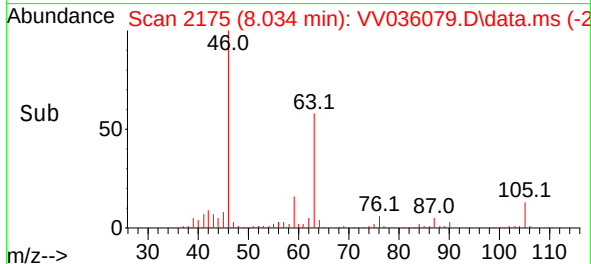
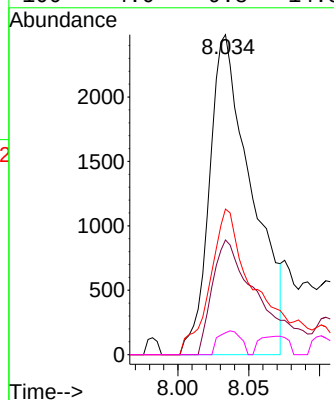


#48
2-Hexanone
Concen: 1.078 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
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Instrument :
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ClientSampleId :



Tgt Ion: 43	Resp: 5146
Ion Ratio	Lower Upper
43 100	
58 40.1	45.4 68.0#
57 46.8	15.8 23.8#
100 4.0	9.8 14.8#



#71
Naphthalene
Concen: 36.451 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
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Tgt Ion:128	Resp: 677690
Ion Ratio	Lower Upper
128 100	
127 13.2	10.6 16.0
129 10.6	8.8 13.2

