

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036089.D
 Acq On : 14 Jun 2024 13:04
 Operator : SY/MD
 Sample : P2873-07
 Misc : 3.56g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:33:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

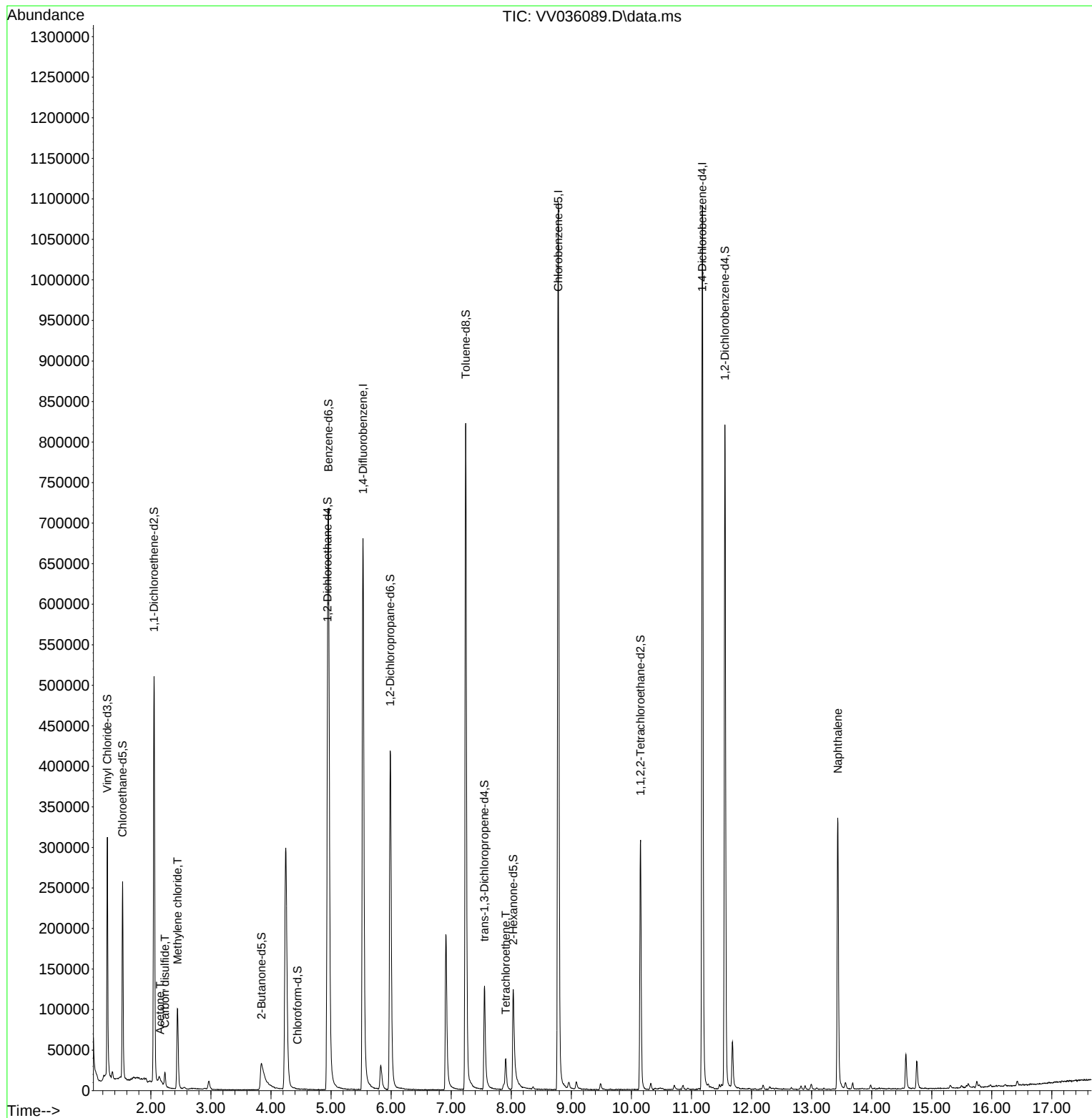
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	597469	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	613401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	284816	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	195860	17.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.320%		
7) Chloroethane-d5	1.529	69	159379	18.197	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.800%		
11) 1,1-Dichloroethene-d2	2.053	65	86913	17.774	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.080%		
21) 2-Butanone-d5	3.844	46	72041	28.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.160%		
24) Chloroform-d	4.439	84	186	0.010	ug/L	0.19
Spiked Amount 25.000	Range 40 - 150		Recovery =	0.040%#		
26) 1,2-Dichloroethane-d4	4.940	65	183027	18.378	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.520%		
32) Benzene-d6	4.957	84	660348	18.111	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.440%		
36) 1,2-Dichloropropane-d6	5.985	67	218923	19.066	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.280%		
41) Toluene-d8	7.243	98	558754	17.368	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	69.480%		
43) trans-1,3-Dichloroprop...	7.555	79	83194	17.671	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.680%		
47) 2-Hexanone-d5	8.034	63	51498	33.103	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.200%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	155795	18.157	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	209110	20.021	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.080%		
Target Compounds						Qvalue
13) Acetone	2.153	43	19570	4.985	ug/L	95
14) Carbon disulfide	2.233	76	20357	0.613	ug/L	97
16) Methylene chloride	2.445	84	43016	3.182	ug/L	99
46) Tetrachloroethene	7.908	164	9651	1.073	ug/L	96
71) Naphthalene	13.435	128	276963	15.016	ug/L	99

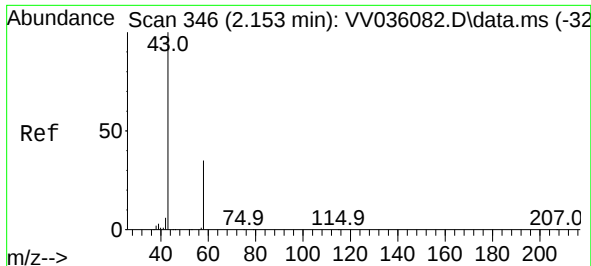
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration

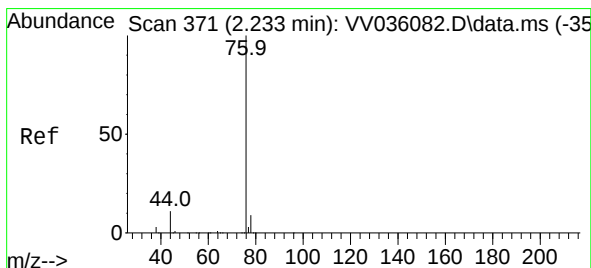
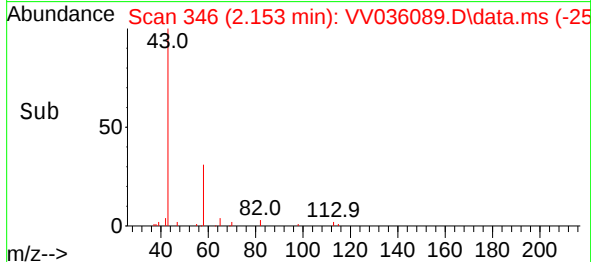
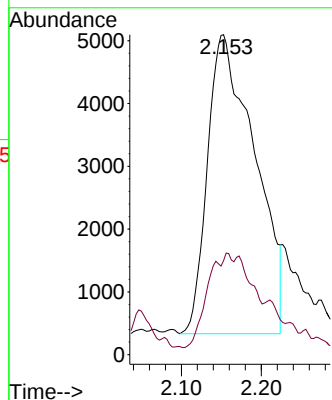
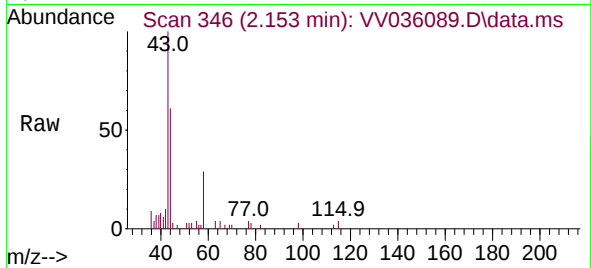




#13
Acetone
Concen: 4.985 ug/L
RT: 2.153 min Scan# 346
Delta R.T. -0.000 min
Lab File: VV036089.D
Acq: 14 Jun 2024 13:04

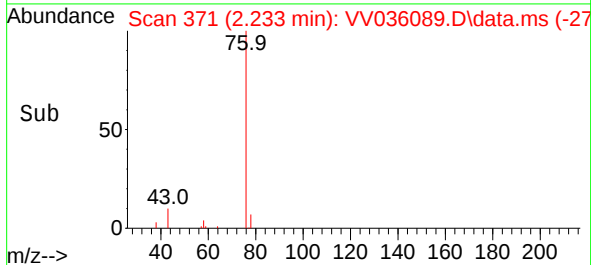
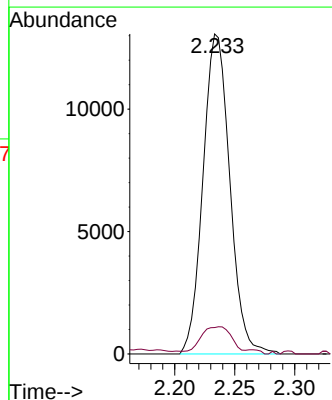
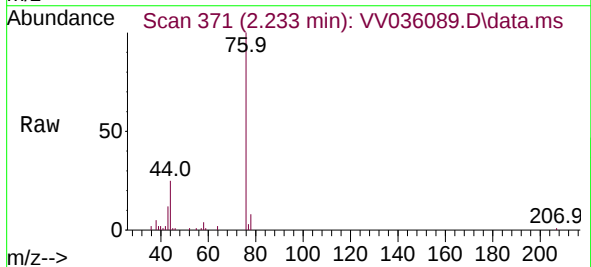
Instrument :
MSVOA_V
ClientSampleId :

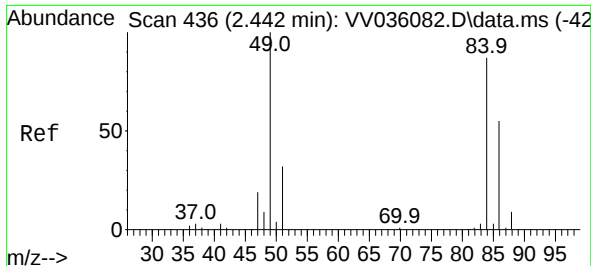
Tgt Ion: 43 Resp: 19570
Ion Ratio Lower Upper
43 100
58 10.1 0.0 24.2



#14
Carbon disulfide
Concen: 0.613 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV036089.D
Acq: 14 Jun 2024 13:04

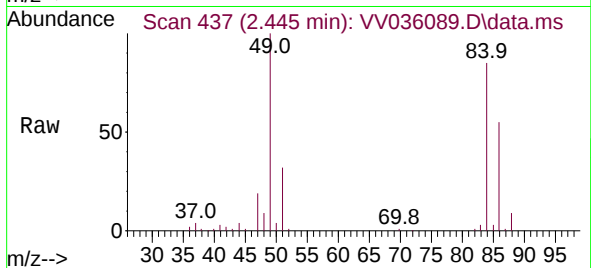
Tgt Ion: 76 Resp: 20357
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



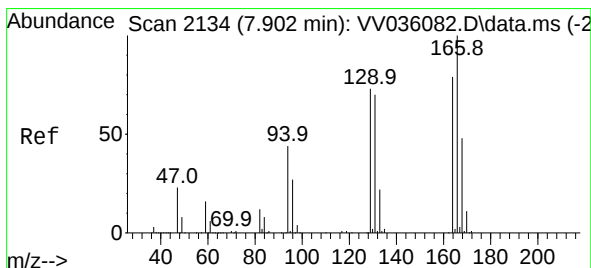
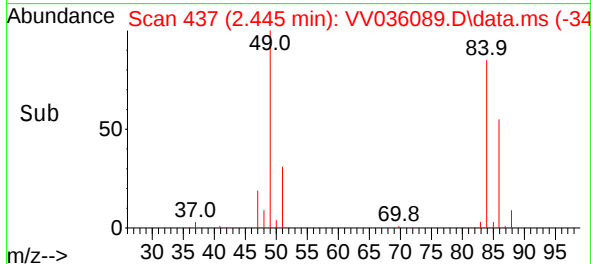
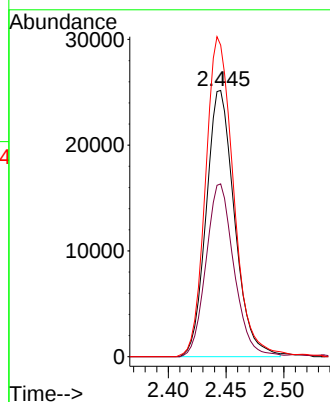


#16
Methylene chloride
Concen: 3.182 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036089.D
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Instrument :
MSVOA_V
ClientSampleId :

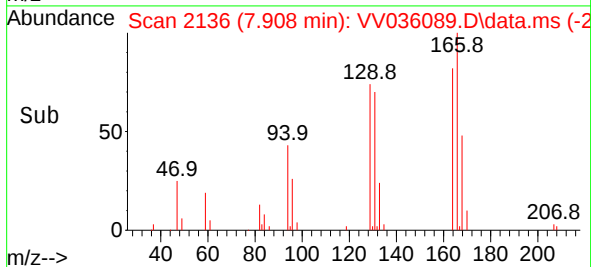
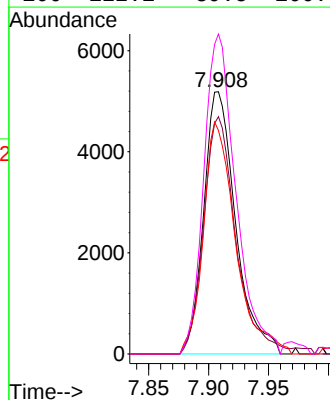
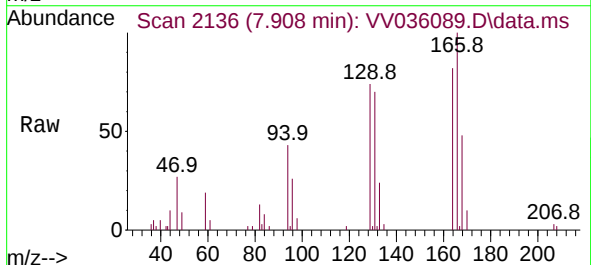


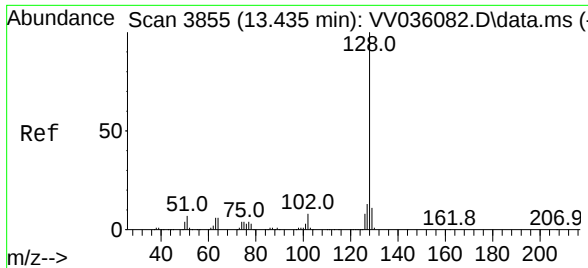
Tgt Ion: 84 Resp: 43016
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 117.0 81.1 150.5



#46
Tetrachloroethene
Concen: 1.073 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036089.D
Acq: 14 Jun 2024 13:04

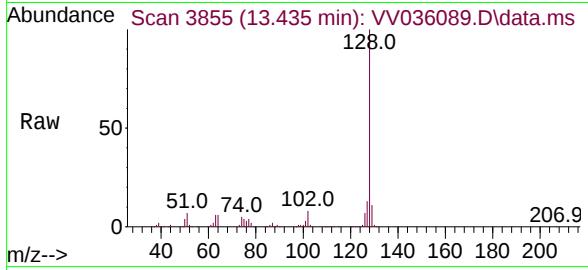
Tgt Ion:164 Resp: 9651
Ion Ratio Lower Upper
164 100
129 90.5 64.6 120.0
131 85.3 63.2 117.4
166 122.1 89.5 166.3





#71
Naphthalene
Concen: 15.016 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV036089.D
Acq: 14 Jun 2024 13:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 276963
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.8 8.8 13.2

