

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036350.D
 Acq On : 28 Jun 2024 15:23
 Operator : SY/MD
 Sample : P3035-23
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 23:36:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

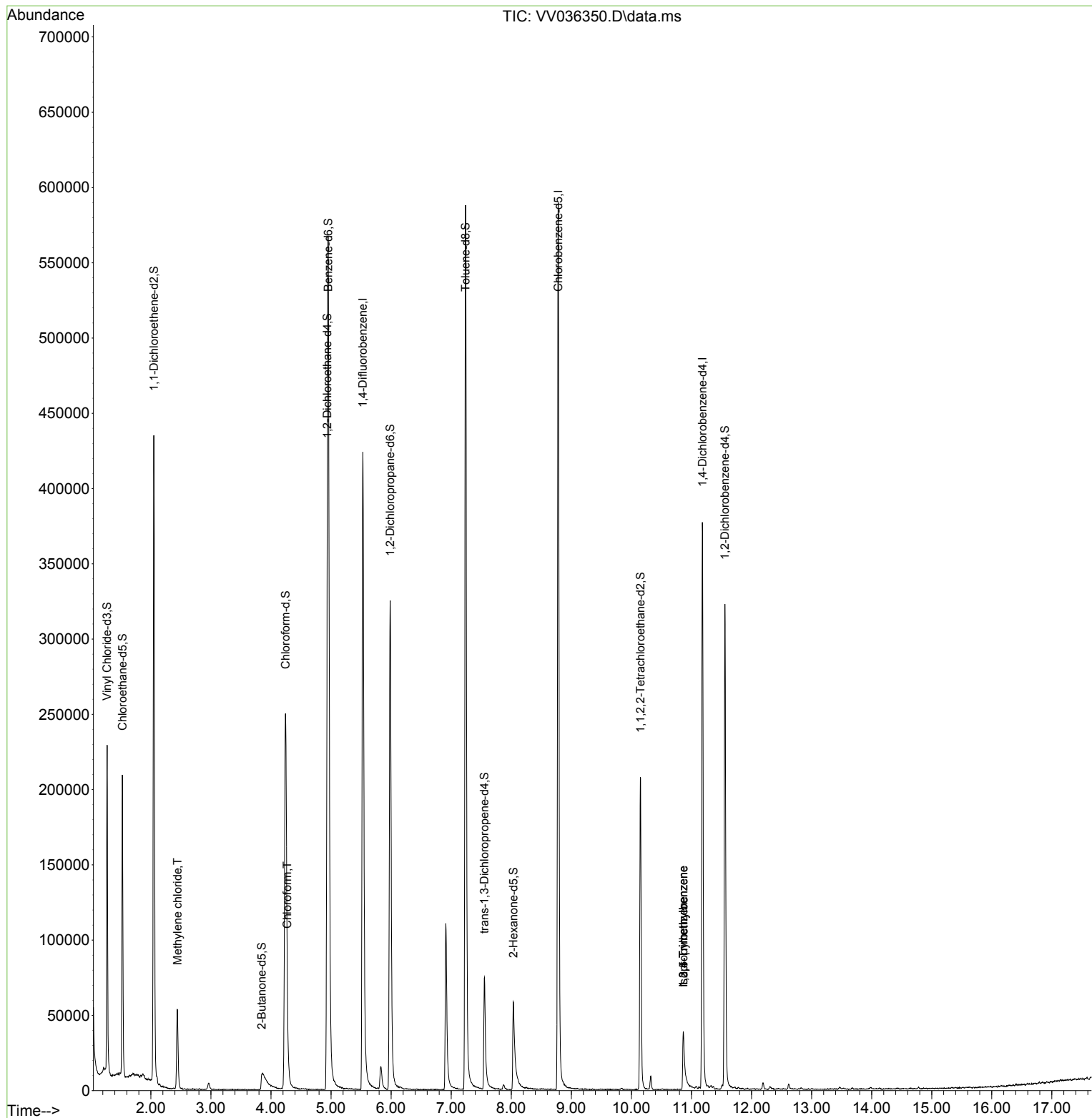
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	380446	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	340979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	143233	22.168	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	88.680%		
7) Chloroethane-d5	1.526	69	131096	25.403	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	101.600%		
11) 1,1-Dichloroethene-d2	2.050	65	71703	23.607	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	94.440%		
21) 2-Butanone-d5	3.847	46	7625	5.085	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	10.160%#		
24) Chloroform-d	4.243	84	276209	24.596	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	98.400%		
26) 1,2-Dichloroethane-d4	4.937	65	142316	23.764	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	95.040%		
32) Benzene-d6	4.953	84	525037	27.277	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	109.120%		
36) 1,2-Dichloropropane-d6	5.986	67	161453	27.886	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	111.560%		
41) Toluene-d8	7.239	98	411869	23.732	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	94.920%		
43) trans-1,3-Dichloroprop...	7.551	79	48520	18.767	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	75.080%		
47) 2-Hexanone-d5	8.037	63	21335	23.085	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	46.180%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103091	21.722	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	86.880%		
66) 1,2-Dichlorobenzene-d4	11.558	152	86265	23.143	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	92.560%		
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	23880	3.188	ug/L	98
25) Chloroform	4.272	83	9273	0.822	ug/L	91
60) Isopropylbenzene	10.866	105	18072	1.462	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.866	105	18072	2.042	ug/L #	29
63) 1,2,4-Trimethylbenzene	10.866	105	18072	1.879	ug/L #	31

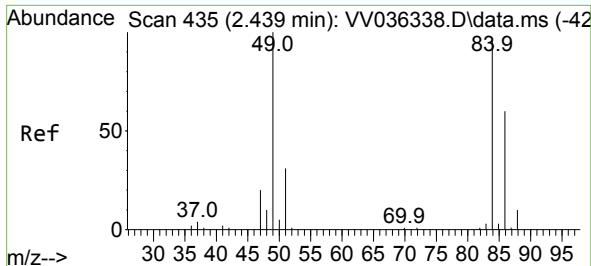
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 28 23:33:02 2024
Response via : Initial Calibration

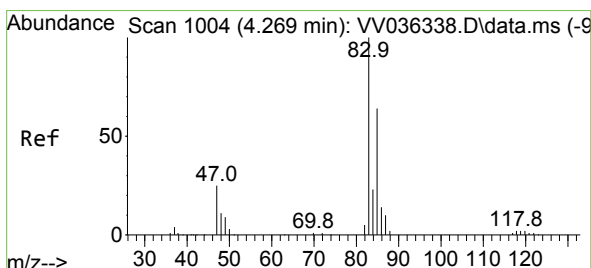
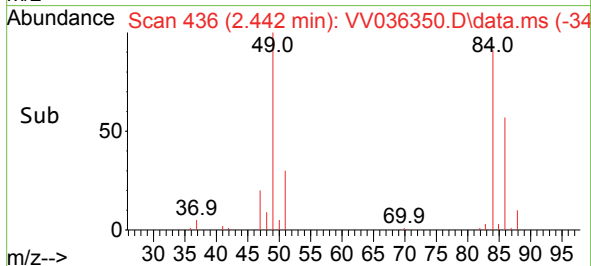
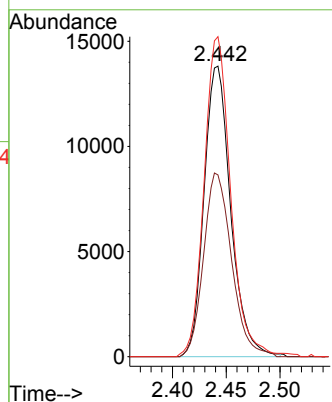
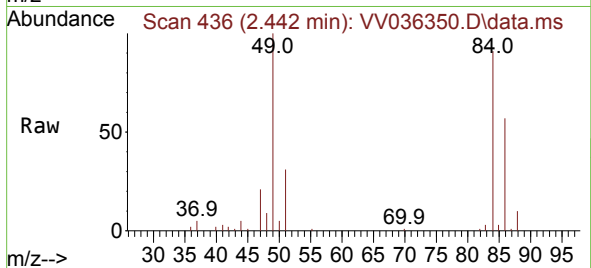




#16
Methylene chloride
Concen: 3.188 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036350.D
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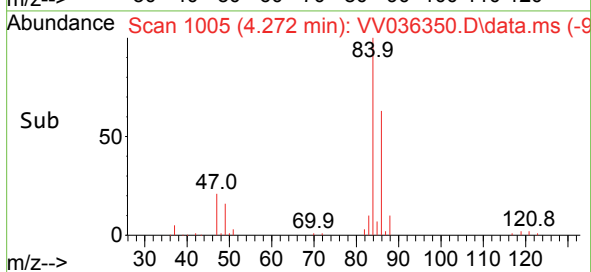
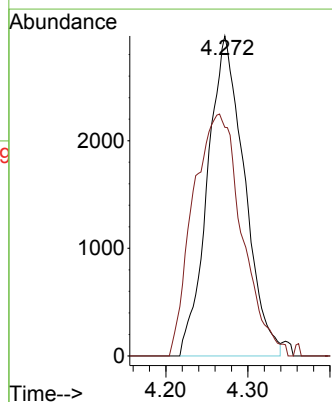
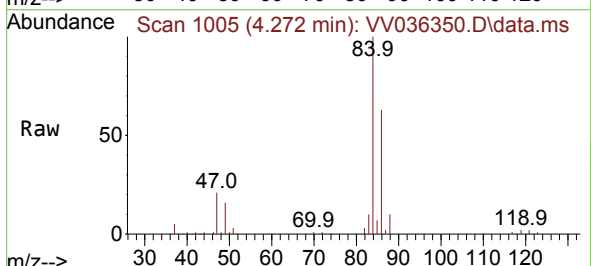
Instrument :
MSVOA_V
ClientSampleId :

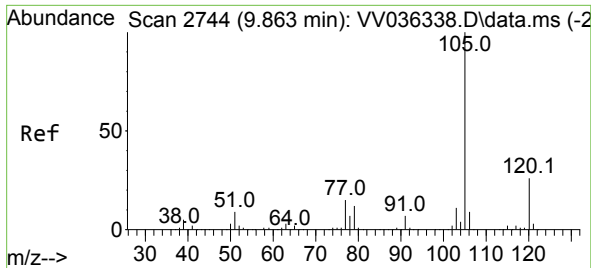
Tgt Ion: 84 Resp: 23880
Ion Ratio Lower Upper
84 100
86 62.5 45.6 84.8
49 110.1 75.7 140.5



#25
Chloroform
Concen: 0.822 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036350.D
Acq: 28 Jun 2024 15:23

Tgt Ion: 83 Resp: 9273
Ion Ratio Lower Upper
83 100
85 71.5 45.0 83.6

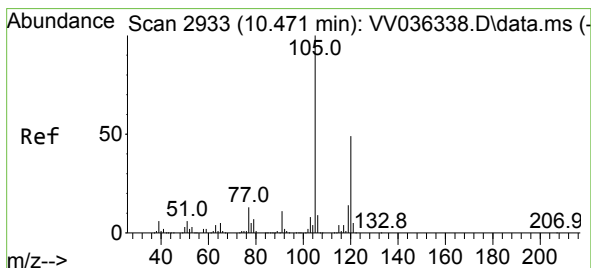
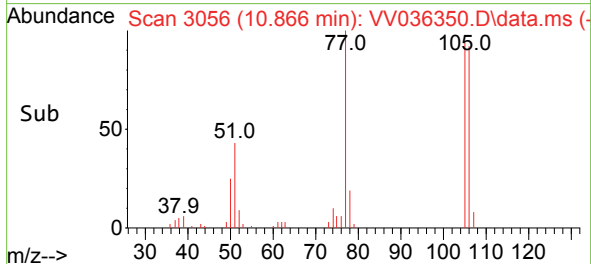
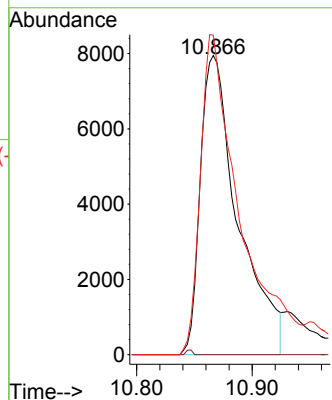
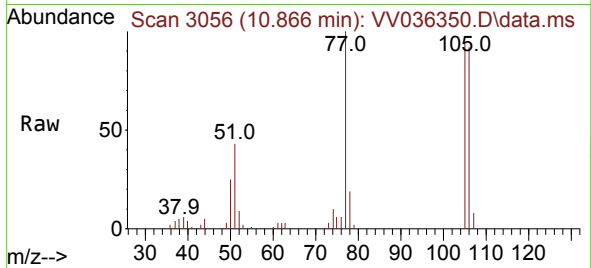




#60
Isopropylbenzene
Concen: 1.462 ug/L
RT: 10.866 min Scan# 3056
Delta R.T. 1.003 min
Lab File: VV036350.D
Acq: 28 Jun 2024 15:23

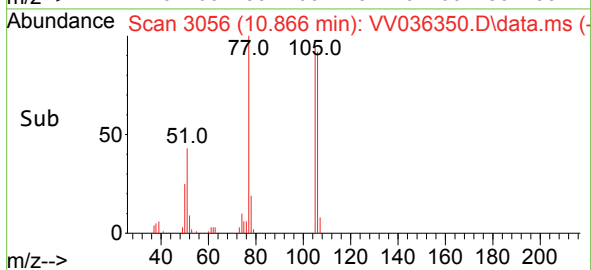
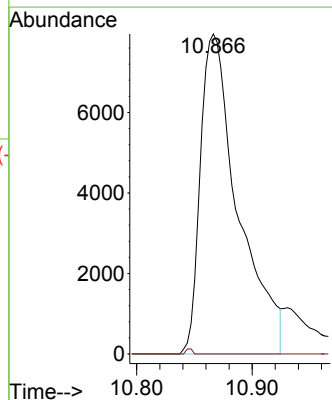
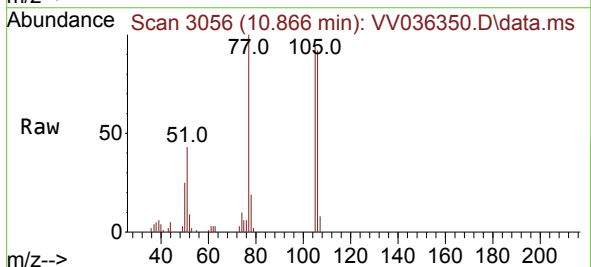
Instrument :
MSVOA_V
ClientSampleId :

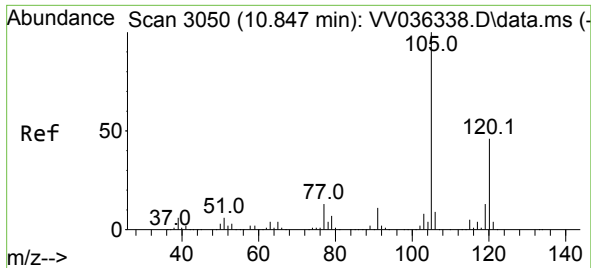
Tgt Ion:105 Resp: 18072
Ion Ratio Lower Upper
105 100
120 0.3 21.2 31.8#
77 112.1 12.5 18.7#



#62
1,3,5-Trimethylbenzene
Concen: 2.042 ug/L
RT: 10.866 min Scan# 3056
Delta R.T. 0.395 min
Lab File: VV036350.D
Acq: 28 Jun 2024 15:23

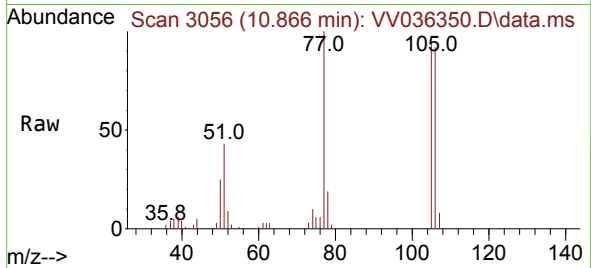
Tgt Ion:105 Resp: 18072
Ion Ratio Lower Upper
105 100
120 0.3 39.1 58.7#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.879 ug/L
 RT: 10.866 min Scan# 3056
 Delta R.T. 0.019 min
 Lab File: VV036350.D
 Acq: 28 Jun 2024 15:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 18072
 Ion Ratio Lower Upper
 105 100
 120 0.3 36.2 54.4#

