

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036223.D
 Acq On : 21 Jun 2024 22:36
 Operator : SY/MD
 Sample : P2987-13
 Misc : 5.16g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:01:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

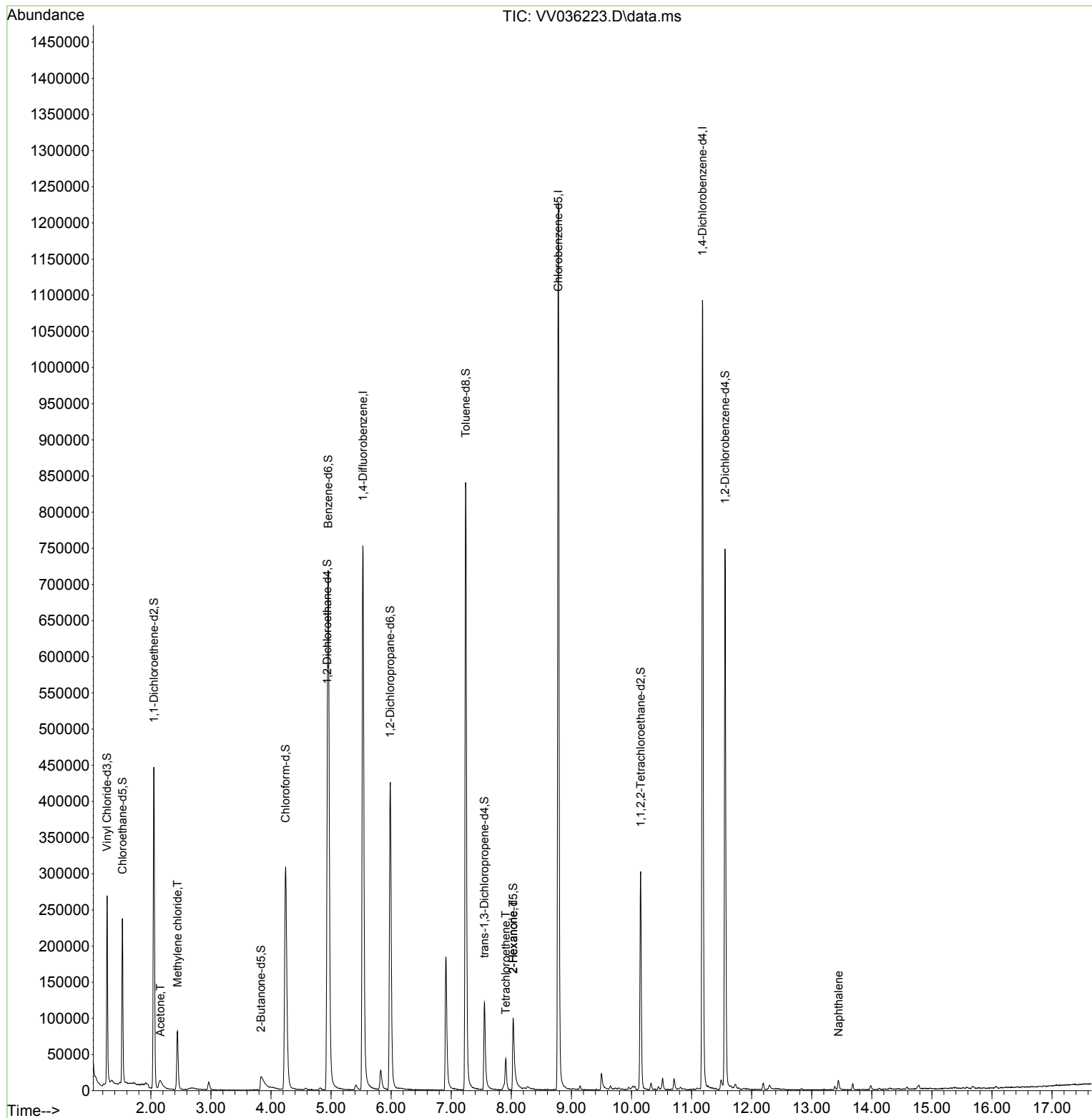
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660249	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	673361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	284904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	178068	14.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.680%		
7) Chloroethane-d5	1.526	69	156740	16.194	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.760%		
11) 1,1-Dichloroethene-d2	2.050	65	77261	14.297	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.200%		
21) 2-Butanone-d5	3.834	46	39112	14.044	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	28.080%		
24) Chloroform-d	4.243	84	340203	16.207	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	64.840%		
26) 1,2-Dichloroethane-d4	4.937	65	185773	16.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.520%#		
32) Benzene-d6	4.953	84	668243	16.695	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.800%		
36) 1,2-Dichloropropane-d6	5.985	67	217346	17.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	68.960%#		
41) Toluene-d8	7.239	98	575128	16.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.160%		
43) trans-1,3-Dichloroprop...	7.551	79	76835	14.867	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	59.480%		
47) 2-Hexanone-d5	8.030	63	40328	23.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.220%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	146993	15.606	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	62.440%		
66) 1,2-Dichlorobenzene-d4	11.557	152	189078	18.097	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.400%#		
Target Compounds					Qvalue	
13) Acetone	2.159	43	33090	7.627	ug/L	88
16) Methylene chloride	2.442	84	36748	2.460	ug/L	98
46) Tetrachloroethene	7.908	164	9715	0.984	ug/L	93
48) 2-Hexanone	8.030	43	5379	1.095	ug/L #	67
71) Naphthalene	13.445	128	10724	0.581	ug/L	98

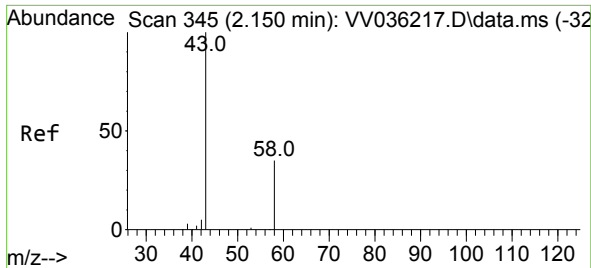
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 22 02:57:23 2024
Response via : Initial Calibration





#13

Acetone

Concen: 7.627 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.010 min

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Instrument :

MSVOA_V

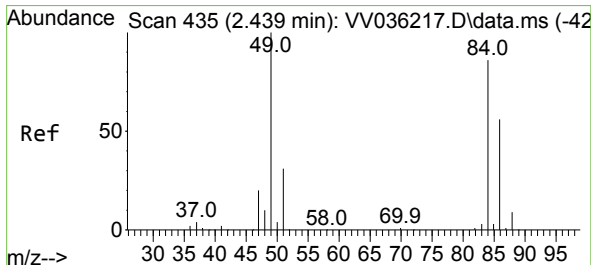
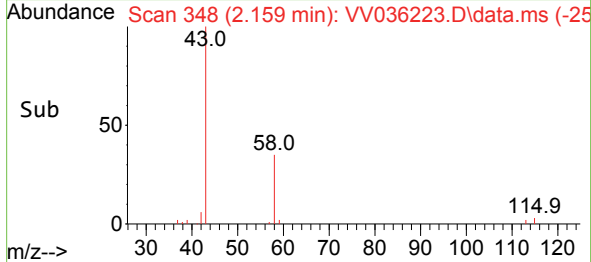
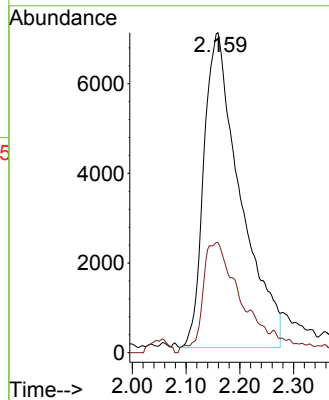
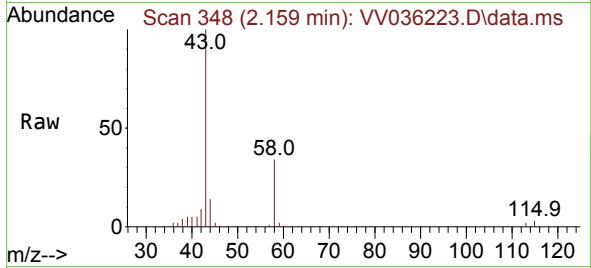
ClientSampleId :

Tgt Ion: 43 Resp: 33090

Ion Ratio Lower Upper

43 100

58 7.5 0.0 24.2



#16

Methylene chloride

Concen: 2.460 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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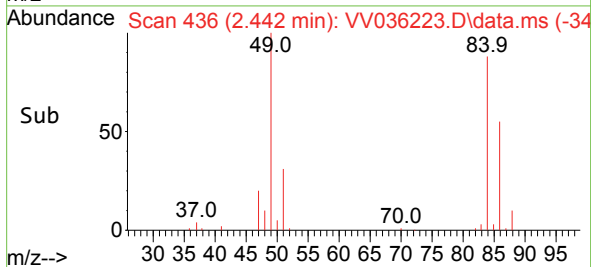
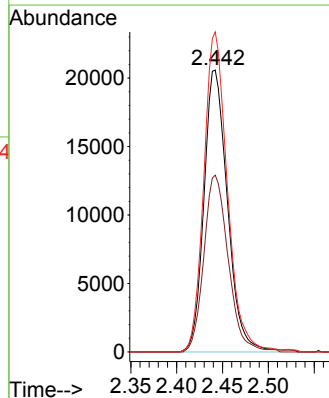
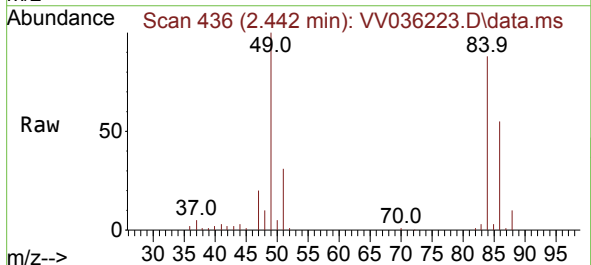
Tgt Ion: 84 Resp: 36748

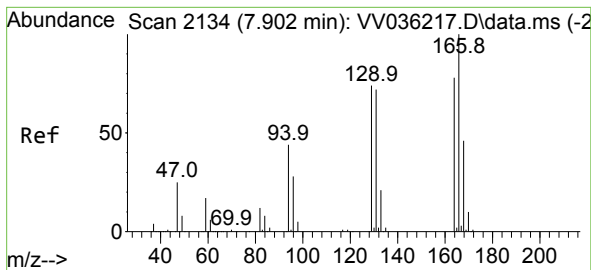
Ion Ratio Lower Upper

84 100

86 62.7 44.6 82.8

49 113.5 81.1 150.5





#46

Tetrachloroethene

Concen: 0.984 ug/L

RT: 7.908 min Scan# 2134

Delta R.T. 0.006 min

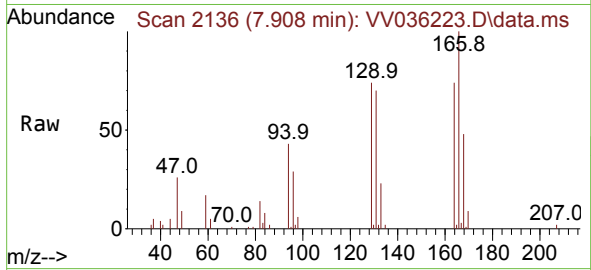
Lab File: VV036223.D

Acq: 21 Jun 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 9715

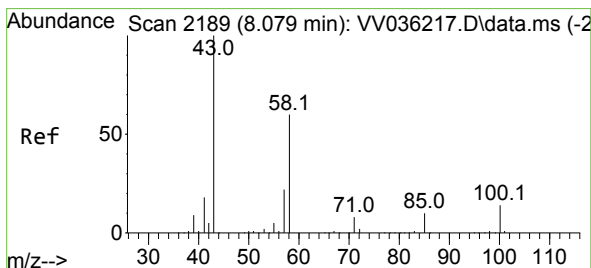
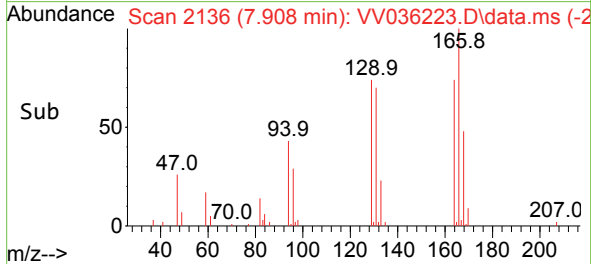
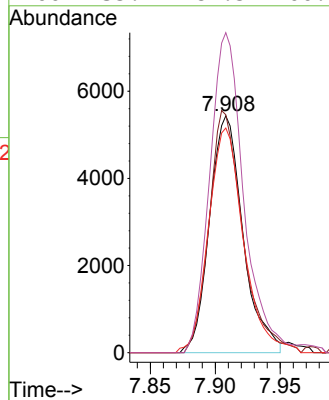
Ion Ratio Lower Upper

164 100

129 100.5 64.6 120.0

131 94.9 63.2 117.4

166 135.1 89.5 166.3



#48

2-Hexanone

Concen: 1.095 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

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Tgt Ion: 43 Resp: 5379

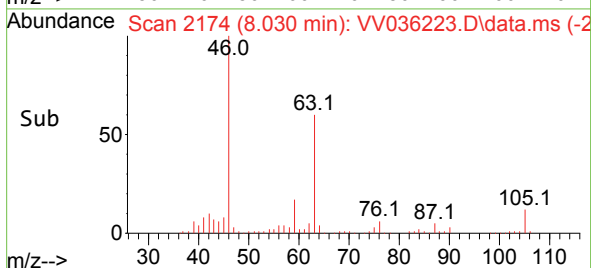
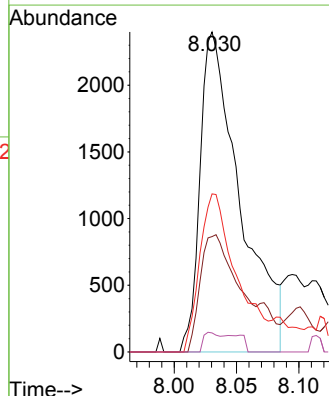
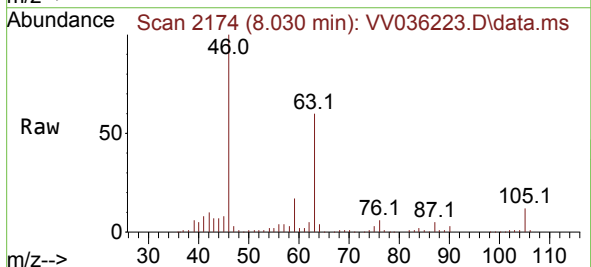
Ion Ratio Lower Upper

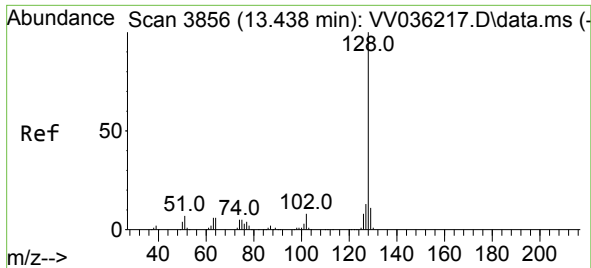
43 100

58 34.5 45.4 68.0#

57 41.6 15.8 23.8#

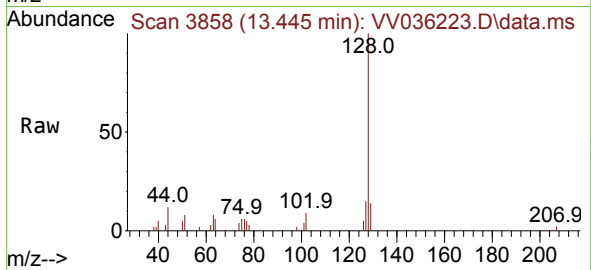
100 2.4 9.8 14.8#





#71
Naphthalene
Concen: 0.581 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV036223.D
Acq: 21 Jun 2024 22:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	10724
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	12.5	8.8	13.2

