

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035714.D
 Acq On : 23 May 2024 19:55
 Operator : SY/MD
 Sample : P2568-07
 Misc : 6.25g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

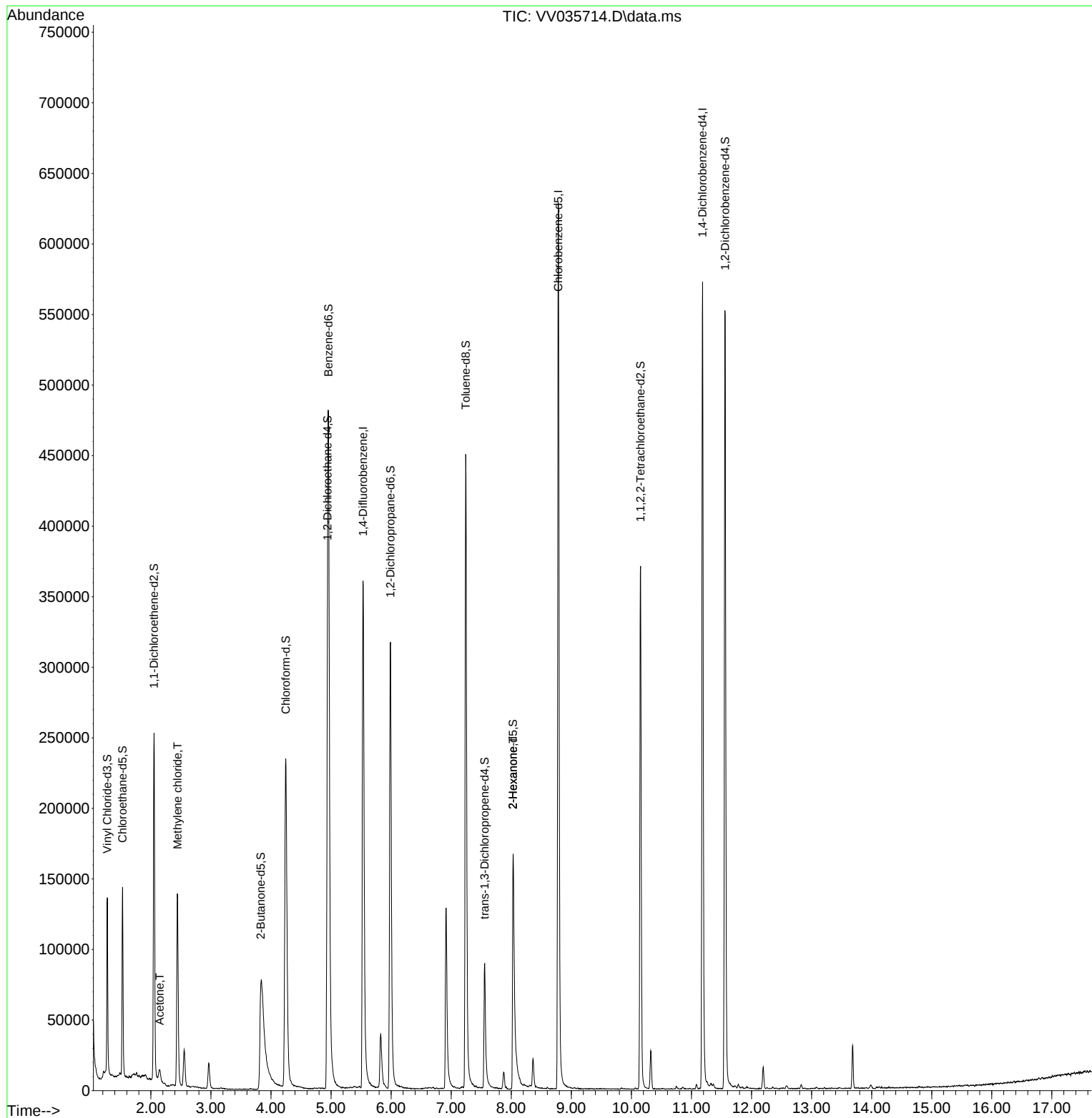
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332270	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	362952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	154494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80467	15.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.680%
7) Chloroethane-d5	1.529	69	86093	20.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	2.053	65	42625	18.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	3.831	46	104097	71.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.840%#
24) Chloroform-d	4.246	84	260588	26.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.520%
26) 1,2-Dichloroethane-d4	4.940	65	156904	32.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.520%
32) Benzene-d6	4.956	84	417065	20.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	5.989	67	165774	27.037	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.160%
41) Toluene-d8	7.243	98	323645	18.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.558	79	59170	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	8.030	63	66395	60.221	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.440%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	189323	32.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.160%#
66) 1,2-Dichlorobenzene-d4	11.561	152	150352	28.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.160%
Target Compounds						
					Qvalue	
13) Acetone	2.146	43	3674	1.722	ug/L	90
16) Methylene chloride	2.442	84	59666	7.787	ug/L	92
48) 2-Hexanone	8.030	43	8240	2.928	ug/L #	70

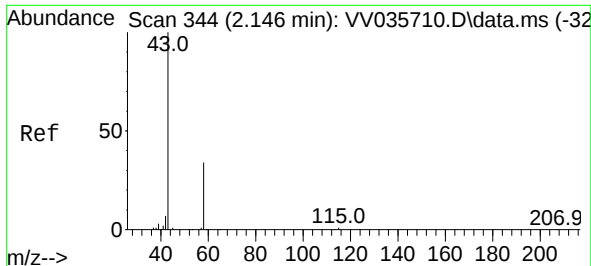
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 03:15:35 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.722 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.000 min

Lab File: VV035714.D

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Instrument :

MSVOA_V

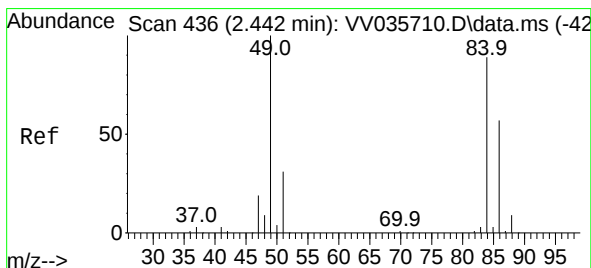
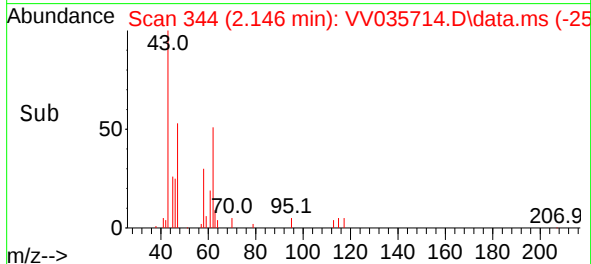
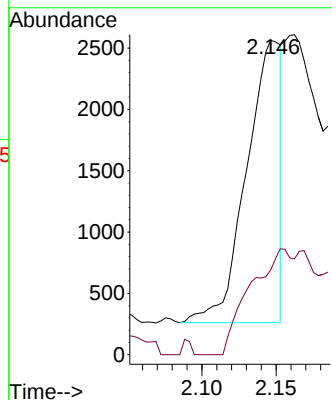
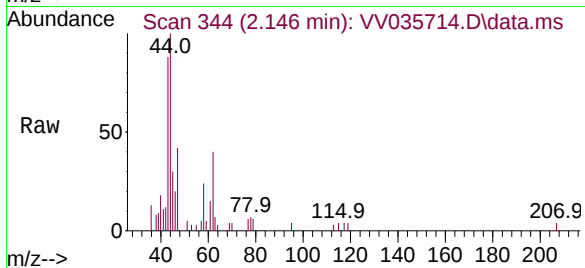
ClientSampleId :

Tgt Ion: 43 Resp: 3674

Ion Ratio Lower Upper

43 100

58 7.6 0.0 22.8



#16

Methylene chloride

Concen: 7.787 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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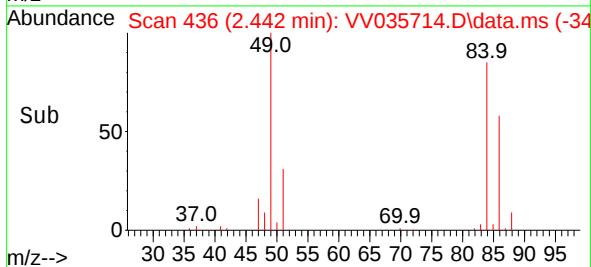
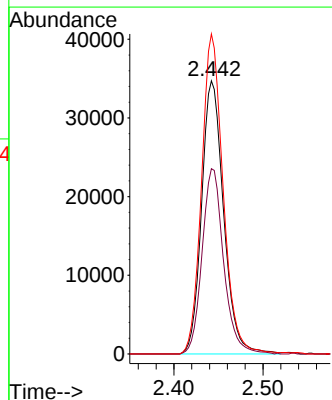
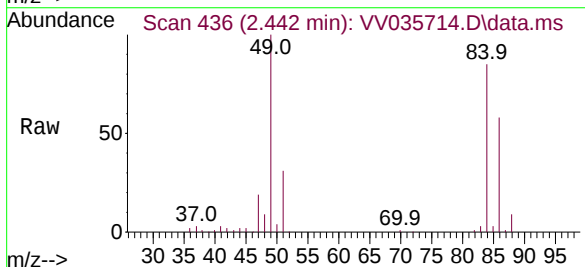
Tgt Ion: 84 Resp: 59666

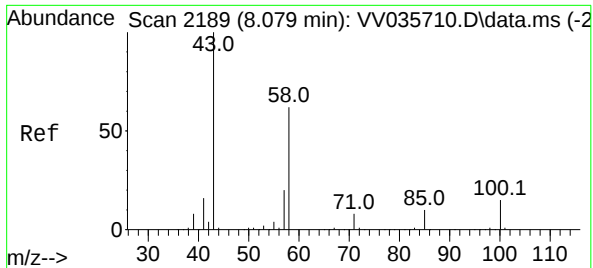
Ion Ratio Lower Upper

84 100

86 67.8 43.8 81.3

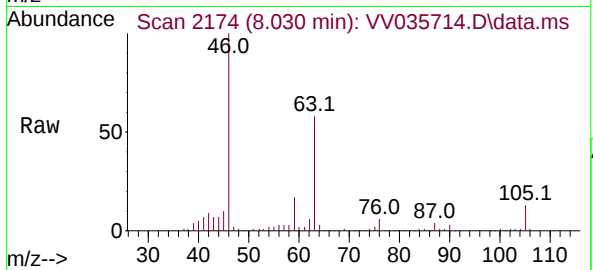
49 117.1 75.3 139.9





#48
 2-Hexanone
 Concen: 2.928 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV035714.D
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 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 8240
Ion Ratio	Lower Upper
43	100
58	45.2 48.8 73.2#
57	47.9 16.9 25.3#
100	2.7 11.7 17.5#

