

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036205.D
 Acq On : 21 Jun 2024 14:32
 Operator : SY/MD
 Sample : P2856-13
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 24 12:22:50 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)

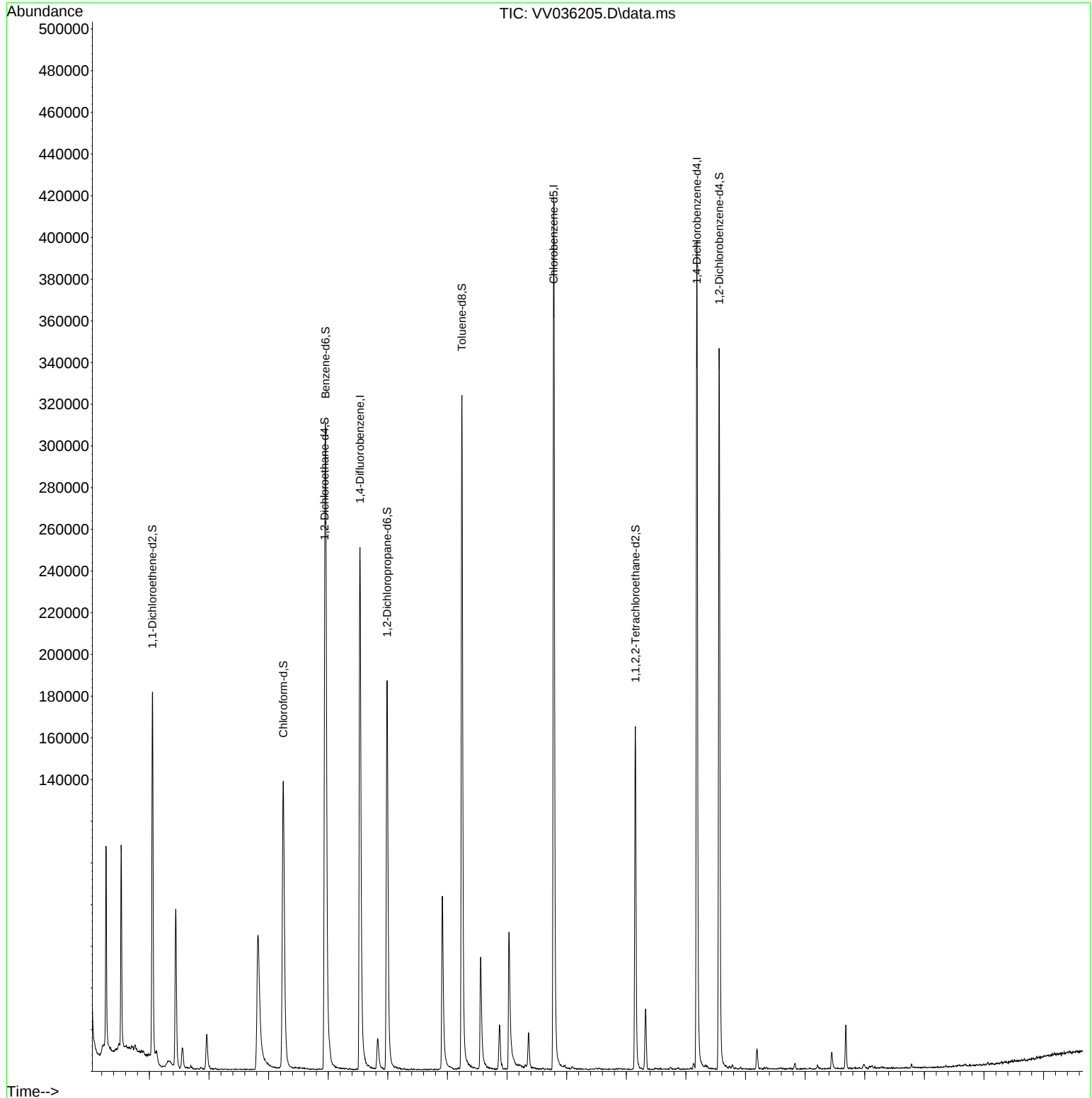
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	223250	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	236256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	105607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	62425	15.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.840%
7) Chloroethane-d5	1.526	69	62156	18.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
11) 1,1-Dichloroethene-d2	2.050	65	30778	16.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.360%
21) 2-Butanone-d5	3.822	46	39866	42.334	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.660%
24) Chloroform-d	4.246	84	150808	21.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	4.941	65	88130	23.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	4.957	84	280812	19.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	5.986	67	95671	21.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	7.243	98	225887	18.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.920%
43) trans-1,3-Dichloroprop...	7.558	79	35904	19.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.200%
47) 2-Hexanone-d5	8.034	63	26828	44.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	83156	25.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	91344	23.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds					Qvalue	
13) Acetone	2.127	43	3071	2.094	ug/L #	38
16) Methylene chloride	2.442	84	32041	6.343	ug/L	98
71) Naphthalene	13.448	128	7193	1.052	ug/L #	93

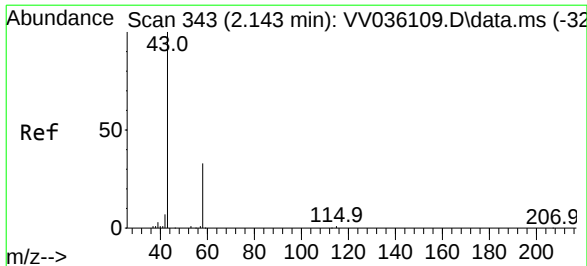
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.094 ug/L

RT: 2.127 min Scan# 33

Delta R.T. -0.022 min

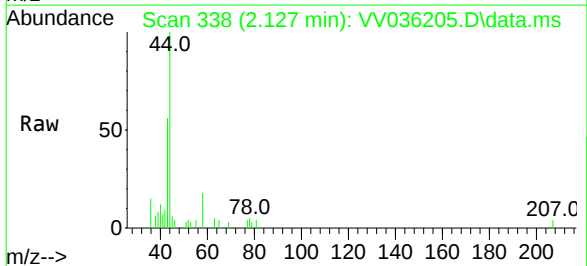
Lab File: VV036205.D

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Instrument :

MSVOA_V

ClientSampleId :

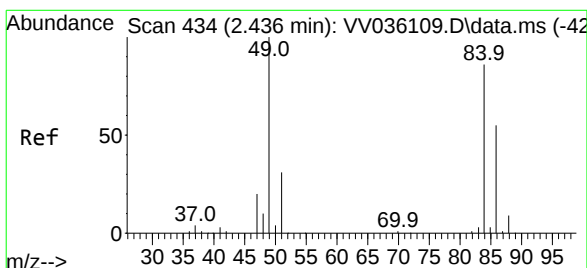
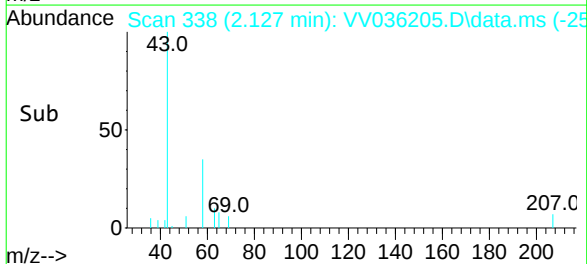
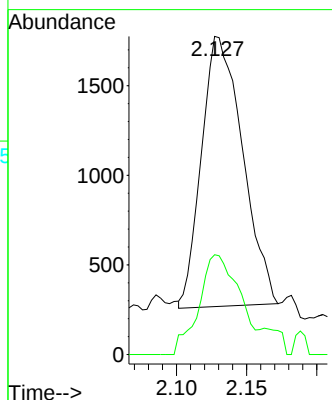


Tgt Ion: 43 Resp: 3071

Ion Ratio Lower Upper

43 100

58 36.2 0.0 24.2#



#16

Methylene chloride

Concen: 6.343 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036205.D

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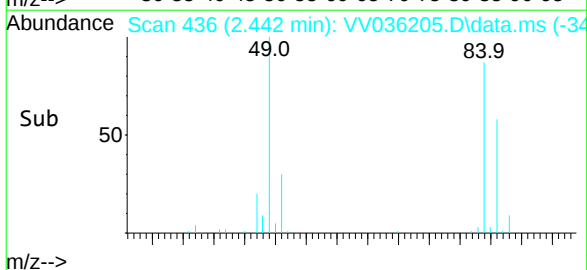
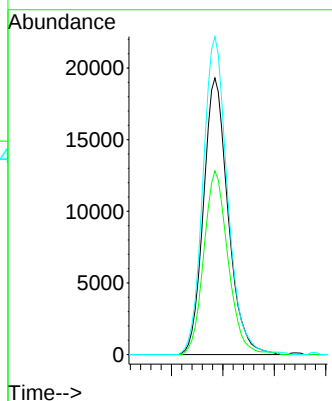
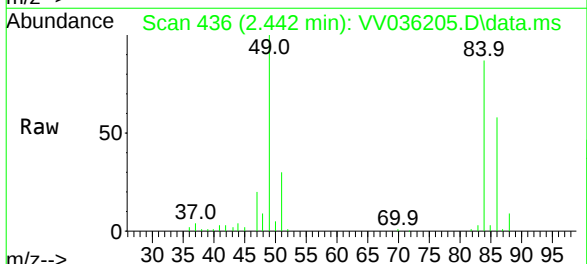
Tgt Ion: 84 Resp: 32041

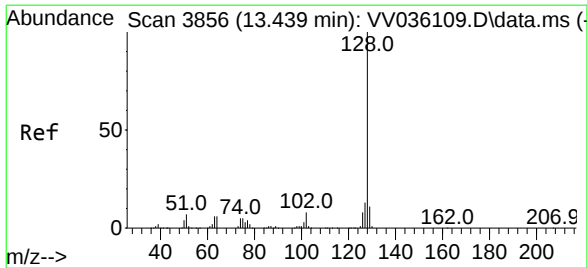
Ion Ratio Lower Upper

84 100

86 66.4 44.6 82.8

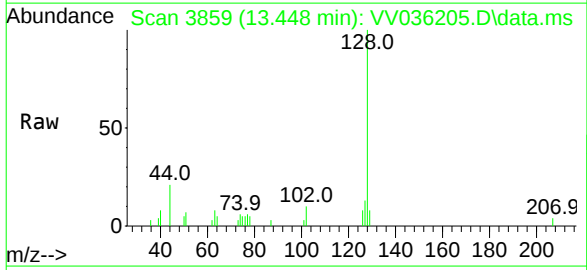
49 115.0 81.1 150.5





#71
Naphthalene
Concen: 1.052 ug/L
RT: 13.448 min Scan# 3856
Delta R.T. 0.010 min
Lab File: VV036205.D
Acq: 21 Jun 2024 14:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7193
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 5.5 8.8 13.2#

