

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036103.D
 Acq On : 17 Jun 2024 16:55
 Operator : SY/MD
 Sample : P2909-08
 Misc : 5.62g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

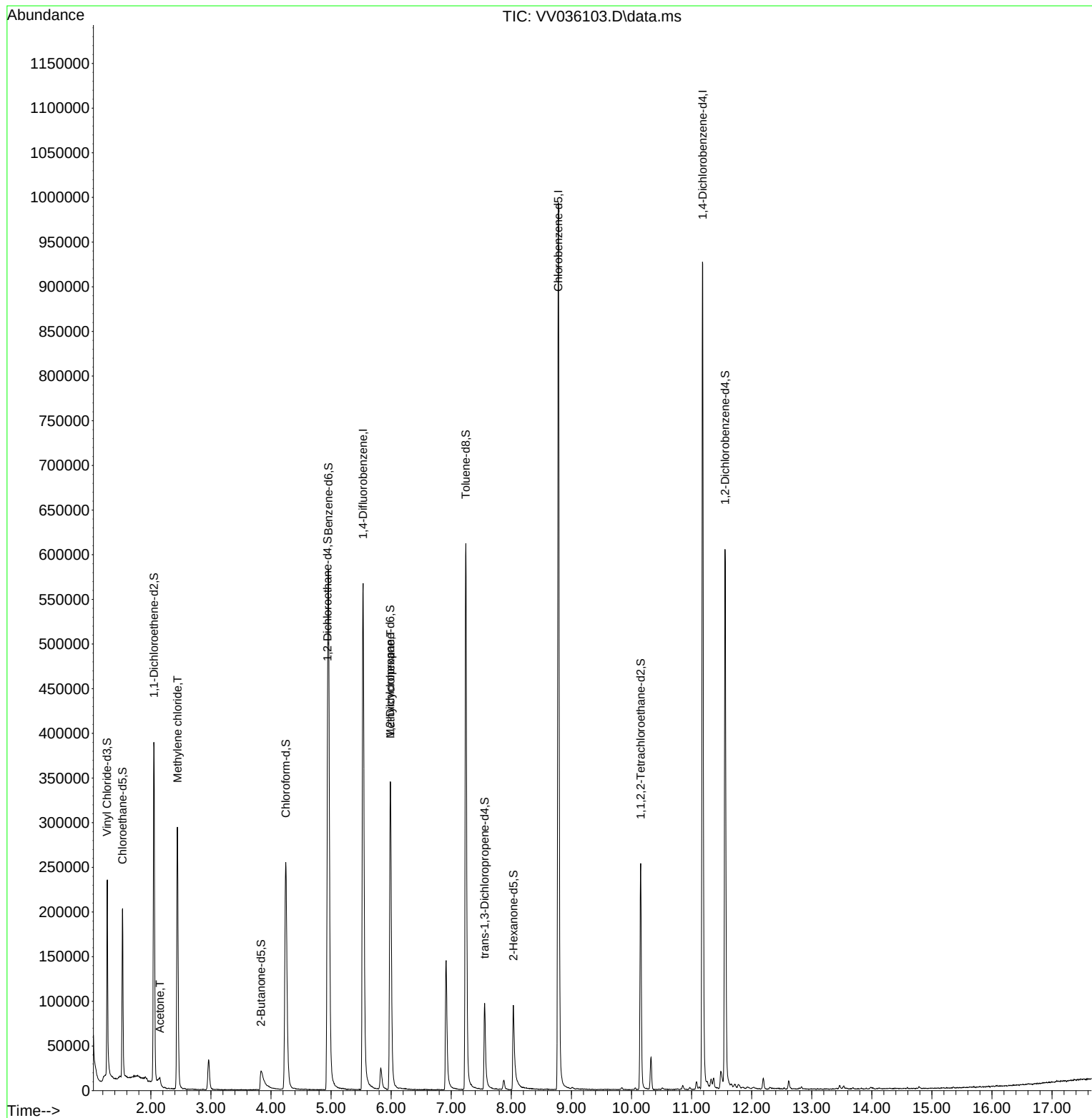
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	491517	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	556983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	243600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	149843	16.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
7) Chloroethane-d5	1.529	69	125627	17.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
11) 1,1-Dichloroethene-d2	2.050	65	65115	16.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.760%
21) 2-Butanone-d5	3.834	46	46907	22.624	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.240%
24) Chloroform-d	4.246	84	277819	17.779	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.120%
26) 1,2-Dichloroethane-d4	4.940	65	152497	18.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.440%
32) Benzene-d6	4.957	84	514801	15.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.200%
36) 1,2-Dichloropropane-d6	5.985	67	176699	16.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.800%#
41) Toluene-d8	7.243	98	421736	14.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.760%
43) trans-1,3-Dichloroprop...	7.555	79	61585	14.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.640%
47) 2-Hexanone-d5	8.034	63	33175	23.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.980%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	126249	16.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	154297	17.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.080%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	4149	1.285	ug/L	81
16) Methylene chloride	2.442	84	124545	11.198	ug/L	98
35) Methylcyclohexane	5.989	83	41988	2.719	ug/L #	19

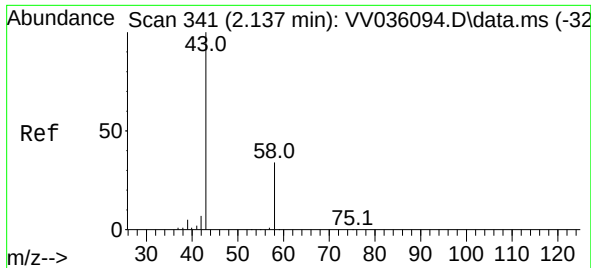
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.285 ug/L

RT: 2.150 min Scan# 341

Delta R.T. 0.013 min

Lab File: VV036103.D

Acq: 17 Jun 2024 16:55

Instrument :

MSVOA_V

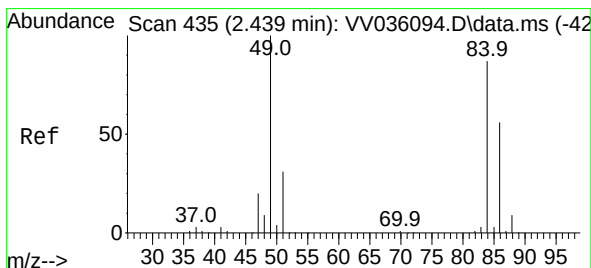
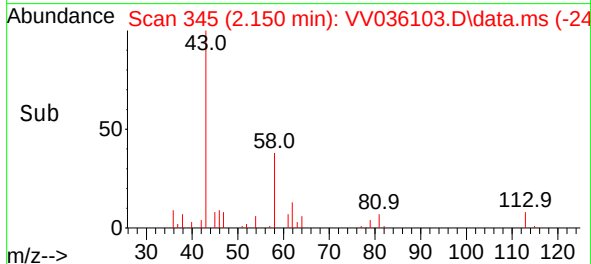
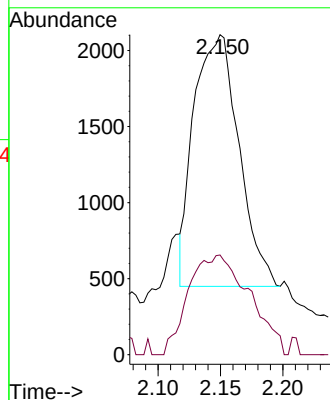
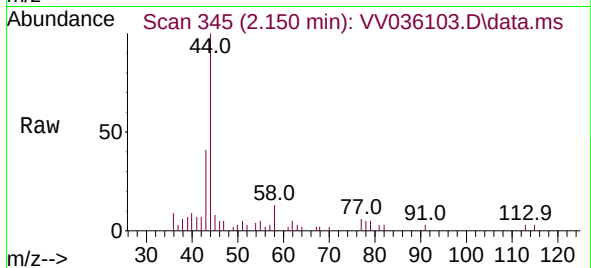
ClientSampleId :

Tgt Ion: 43 Resp: 4149

Ion Ratio Lower Upper

43 100

58 19.5 0.0 24.2



#16

Methylene chloride

Concen: 11.198 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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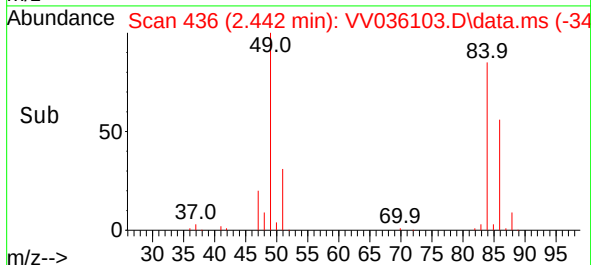
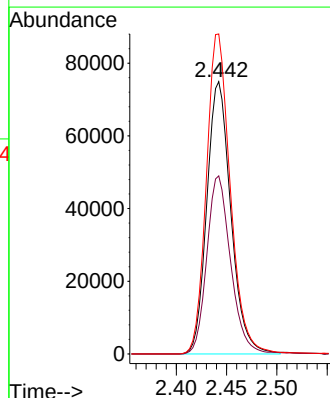
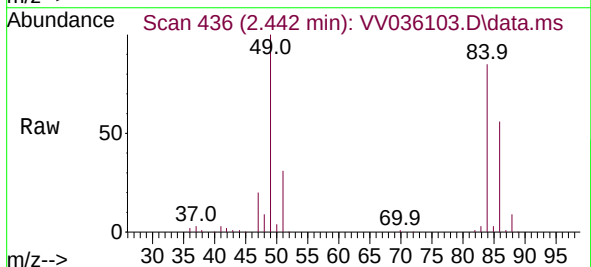
Tgt Ion: 84 Resp: 124545

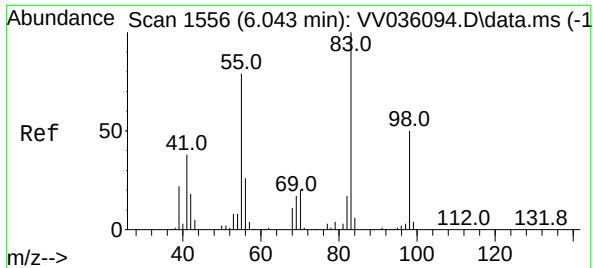
Ion Ratio Lower Upper

84 100

86 65.4 44.6 82.8

49 117.5 81.1 150.5





#35
Methylcyclohexane
Concen: 2.719 ug/L
RT: 5.989 min Scan# 14
Delta R.T. -0.055 min
Lab File: VV036103.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 41988
Ion Ratio Lower Upper
83 100
55 0.6 60.7 91.1#
98 1.5 38.7 58.1#

