

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036227.D
 Acq On : 22 Jun 2024 00:09
 Operator : SY/MD
 Sample : P2987-19
 Misc : 5.68g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:02:29 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)

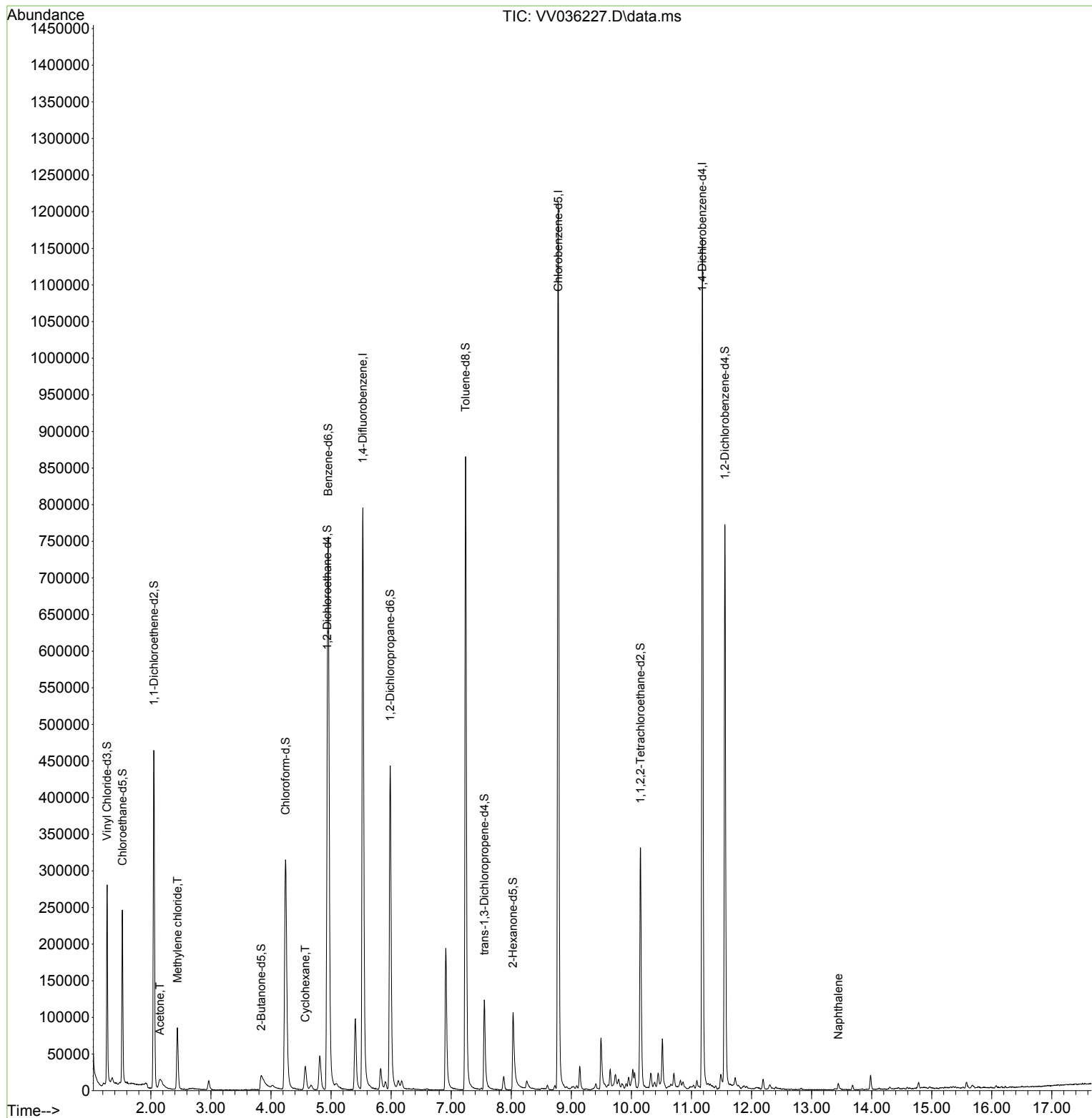
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	698431	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	676560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	292311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	184020	14.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.320%
7) Chloroethane-d5	1.526	69	160347	15.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.640%
11) 1,1-Dichloroethene-d2	2.050	65	80865	14.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.600%
21) 2-Butanone-d5	3.838	46	48914	16.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.200%
24) Chloroform-d	4.243	84	347567	15.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.600%
26) 1,2-Dichloroethane-d4	4.937	65	195859	16.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.280%#
32) Benzene-d6	4.953	84	708331	17.613	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.440%
36) 1,2-Dichloropropane-d6	5.985	67	222428	17.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.240%
41) Toluene-d8	7.239	98	589878	16.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.480%
43) trans-1,3-Dichloroprop...	7.551	79	78469	15.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.440%
47) 2-Hexanone-d5	8.030	63	43477	25.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	156112	16.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	194079	18.105	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.440%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	38666	8.425	ug/L	93
16) Methylene chloride	2.442	84	38576	2.441	ug/L	97
29) Cyclohexane	4.571	56	8869	0.551	ug/L #	37
71) Naphthalene	13.445	128	7288	0.385	ug/L #	94

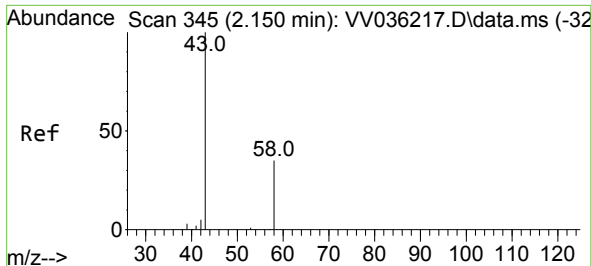
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.425 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

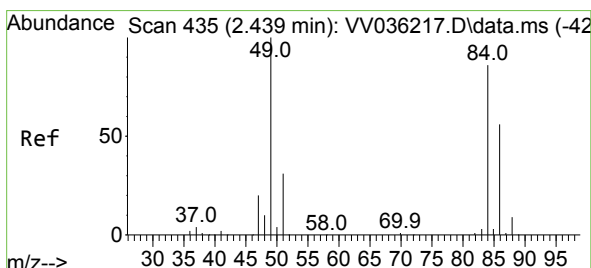
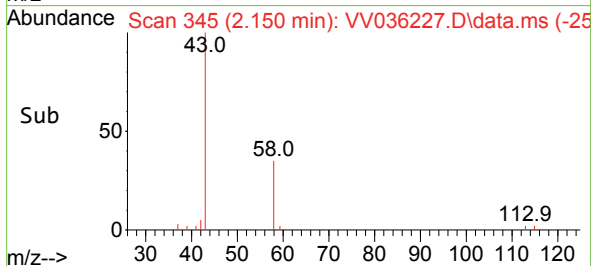
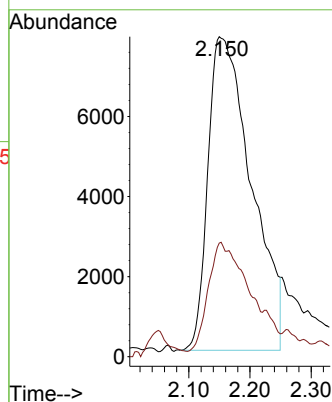
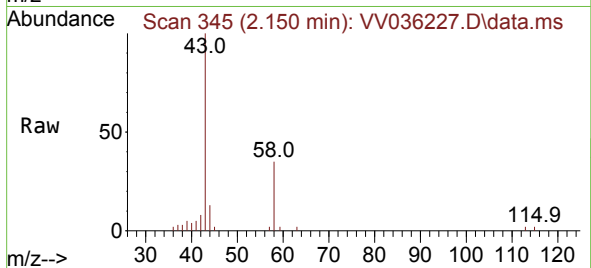
ClientSampleId :

Tgt Ion: 43 Resp: 38666

Ion Ratio Lower Upper

43 100

58 14.7 0.0 24.2



#16

Methylene chloride

Concen: 2.441 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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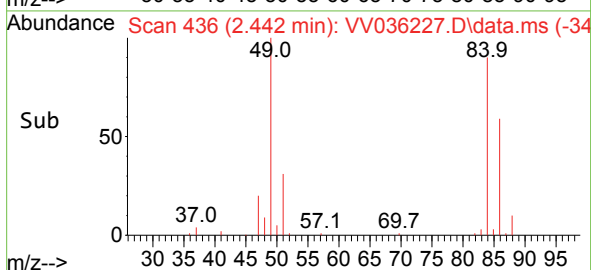
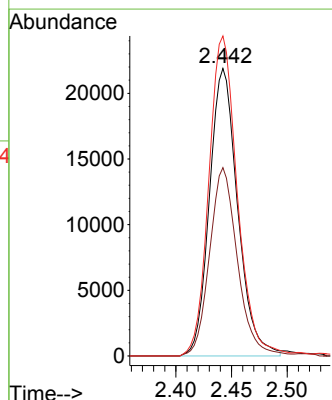
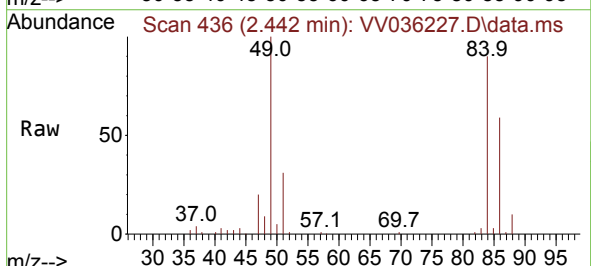
Tgt Ion: 84 Resp: 38576

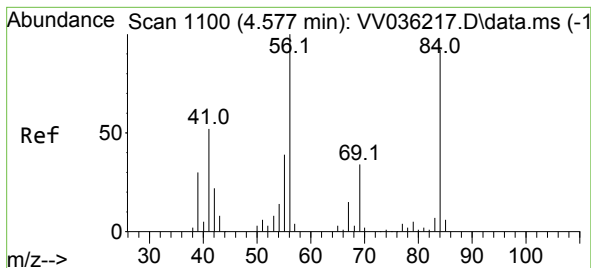
Ion Ratio Lower Upper

84 100

86 65.5 44.6 82.8

49 111.3 81.1 150.5





#29

Cyclohexane

Concen: 0.551 ug/L

RT: 4.571 min Scan# 1100

Delta R.T. -0.006 min

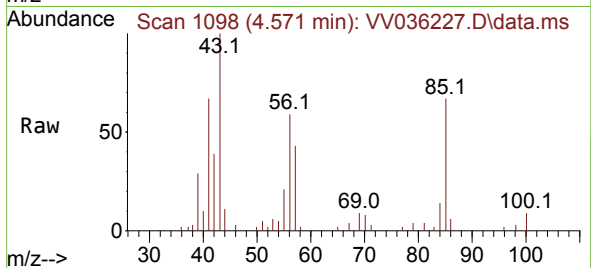
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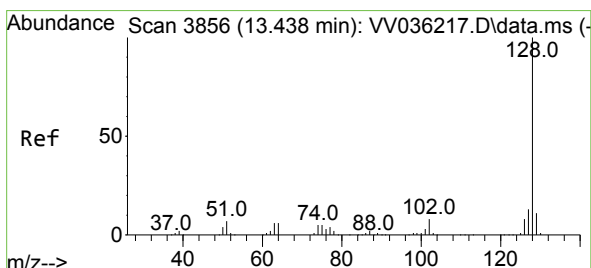
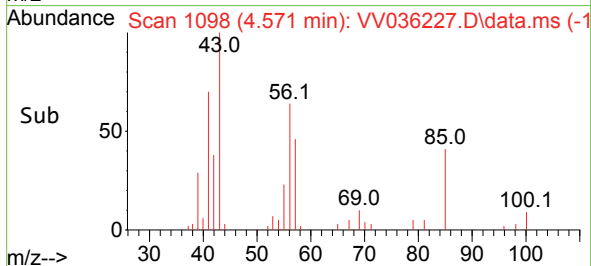
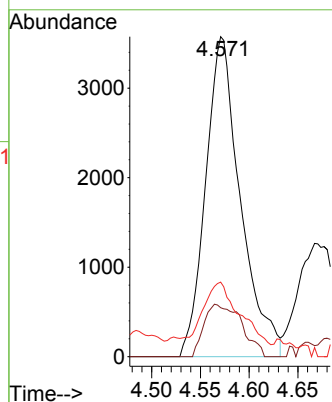
Tgt Ion: 56 Resp: 8869

Ion Ratio Lower Upper

56 100

69 12.6 25.2 37.8#

84 21.8 72.2 108.2#



#71

Naphthalene

Concen: 0.385 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.007 min

Lab File: VV036227.D

Acq: 22 Jun 2024 00:09

Tgt Ion: 128 Resp: 7288

Ion Ratio Lower Upper

128 100

127 16.2 10.6 16.0#

129 12.3 8.8 13.2

