

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036011.D
 Acq On : 07 Jun 2024 15:37
 Operator : SY/MD
 Sample : P2754-18
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 00:32:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

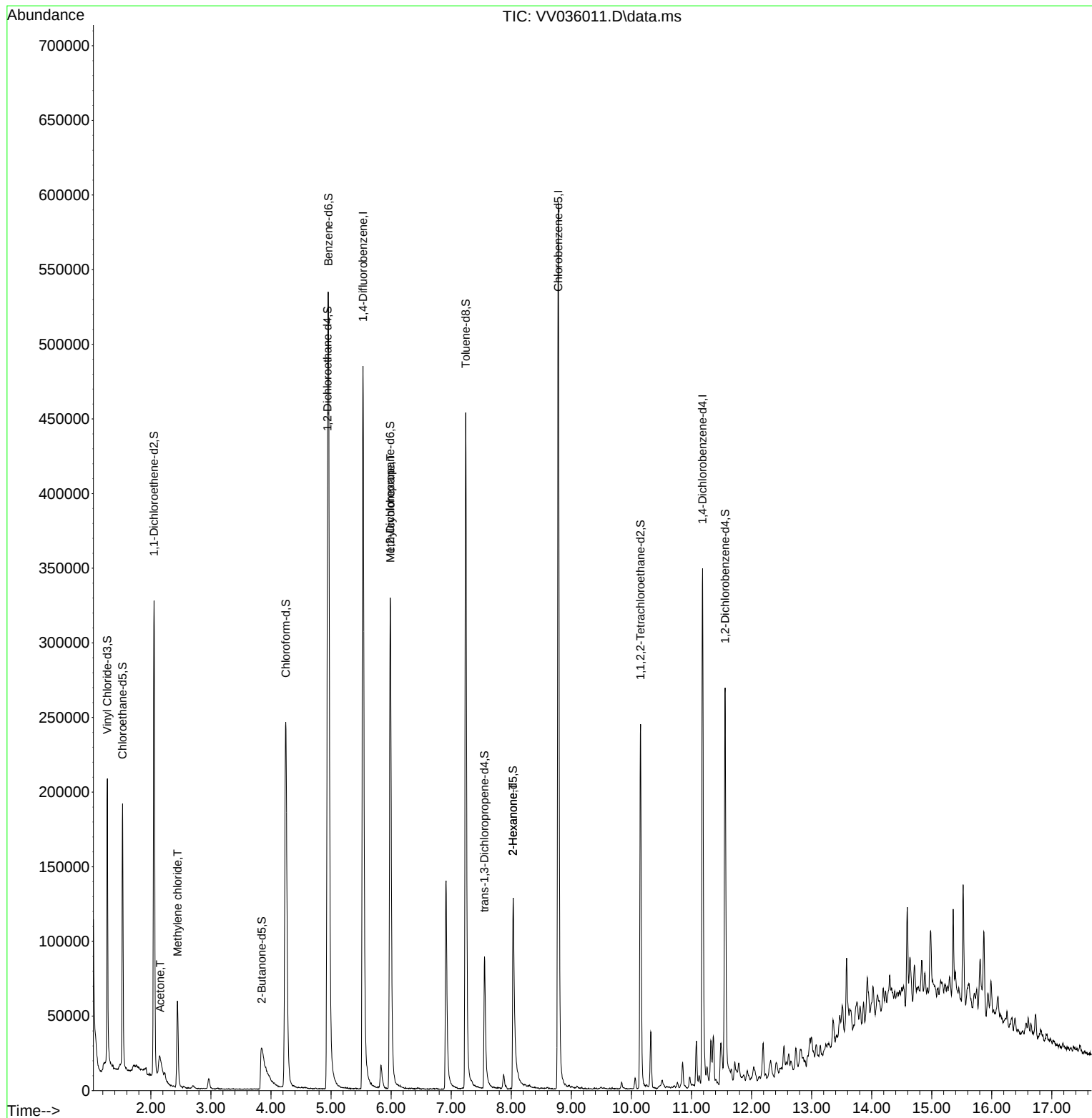
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	427374	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	338653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	95563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	122201	15.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.200%
7) Chloroethane-d5	1.529	69	116594	18.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
11) 1,1-Dichloroethene-d2	2.053	65	55057	15.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.960%
21) 2-Butanone-d5	3.844	46	82261	45.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.260%
24) Chloroform-d	4.246	84	275783	20.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.940	65	157619	22.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	4.956	84	482629	23.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	5.985	67	174442	27.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.080%
41) Toluene-d8	7.243	98	319923	18.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.040%
43) trans-1,3-Dichloroprop...	7.554	79	58451	22.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.960%
47) 2-Hexanone-d5	8.030	63	49700	57.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	121660	25.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	67670	19.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.240%
Target Compounds					Qvalue	
13) Acetone	2.153	43	47171	16.798	ug/L	92
16) Methylene chloride	2.442	84	25818	2.670	ug/L	98
35) Methylcyclohexane	5.989	83	39563	4.214	ug/L #	19
48) 2-Hexanone	8.030	43	5692	2.304	ug/L #	70

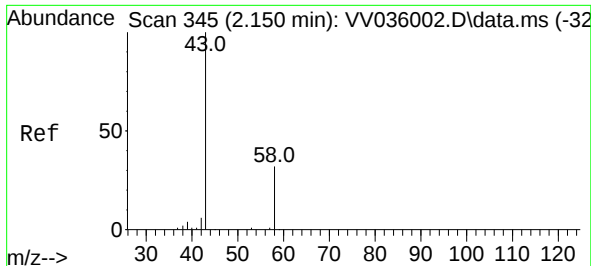
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 00:30:25 2024
Response via : Initial Calibration





#13

Acetone

Concen: 16.798 ug/L

RT: 2.153 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV036011.D

Acq: 07 Jun 2024 15:37

Instrument :

MSVOA_V

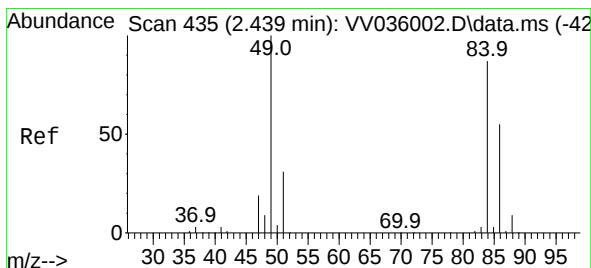
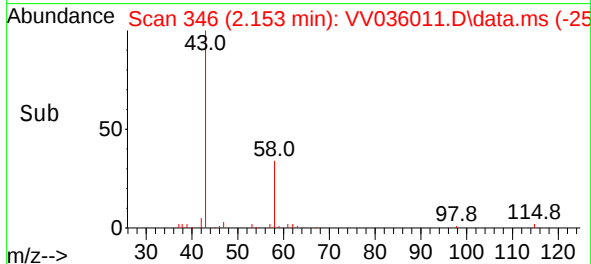
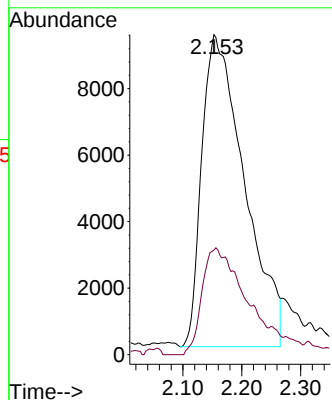
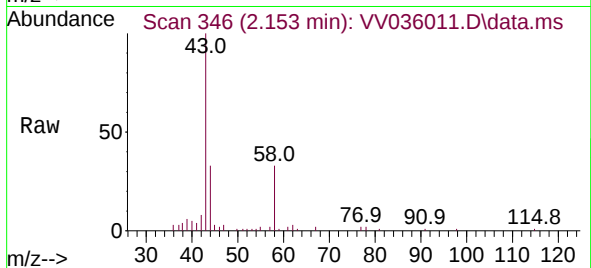
ClientSampleId :

Tgt Ion: 43 Resp: 47171

Ion Ratio Lower Upper

43 100

58 15.2 0.0 24.2



#16

Methylene chloride

Concen: 2.670 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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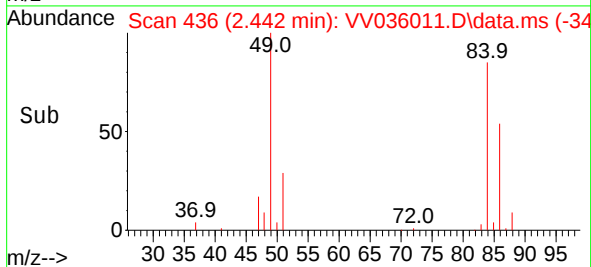
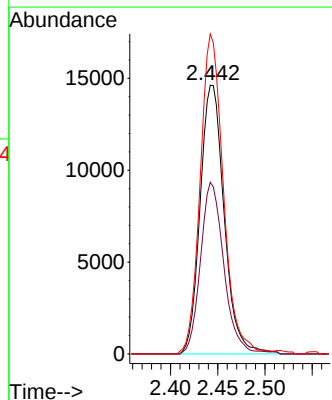
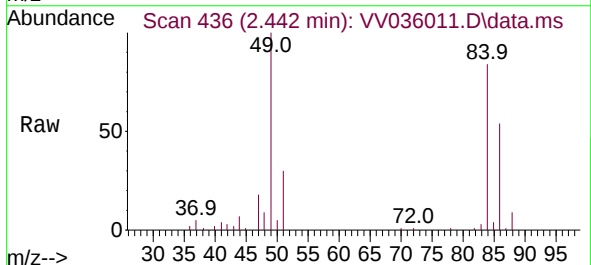
Tgt Ion: 84 Resp: 25818

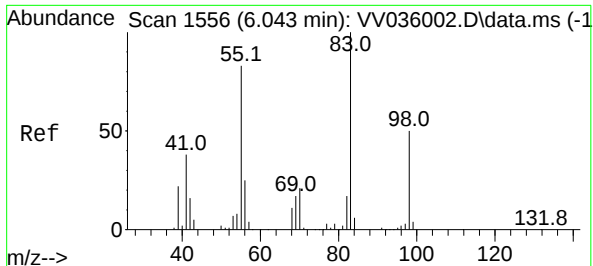
Ion Ratio Lower Upper

84 100

86 63.9 44.6 82.8

49 119.1 81.1 150.5





#35

Methylcyclohexane

Concen: 4.214 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.055 min

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Instrument :

MSVOA_V

ClientSampleId :

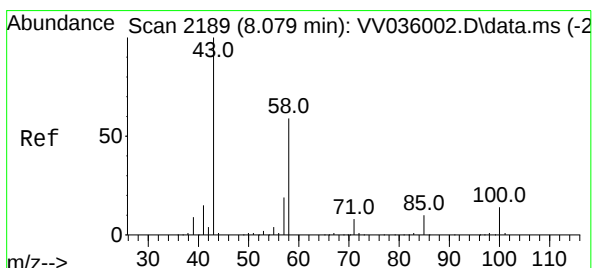
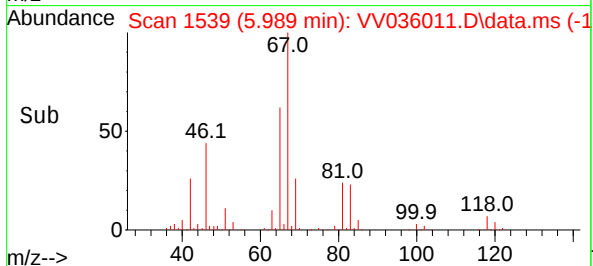
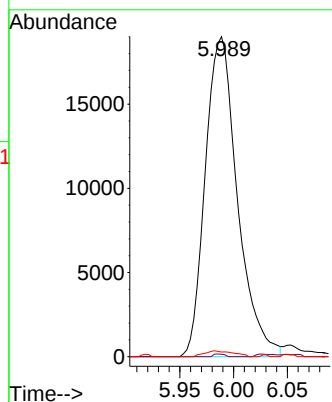
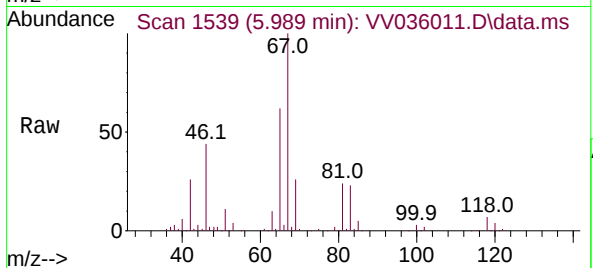
Tgt Ion: 83 Resp: 39563

Ion Ratio Lower Upper

83 100

55 0.3 60.7 91.1#

98 0.9 38.7 58.1#



#48

2-Hexanone

Concen: 2.304 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV036011.D

Acq: 07 Jun 2024 15:37

Tgt Ion: 43 Resp: 5692

Ion Ratio Lower Upper

43 100

58 40.1 45.4 68.0#

57 47.4 15.8 23.8#

100 6.4 9.8 14.8#

