

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
 Data File : VV036421.D
 Acq On : 02 Jul 2024 15:00
 Operator : SY/MD
 Sample : P3087-19
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

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

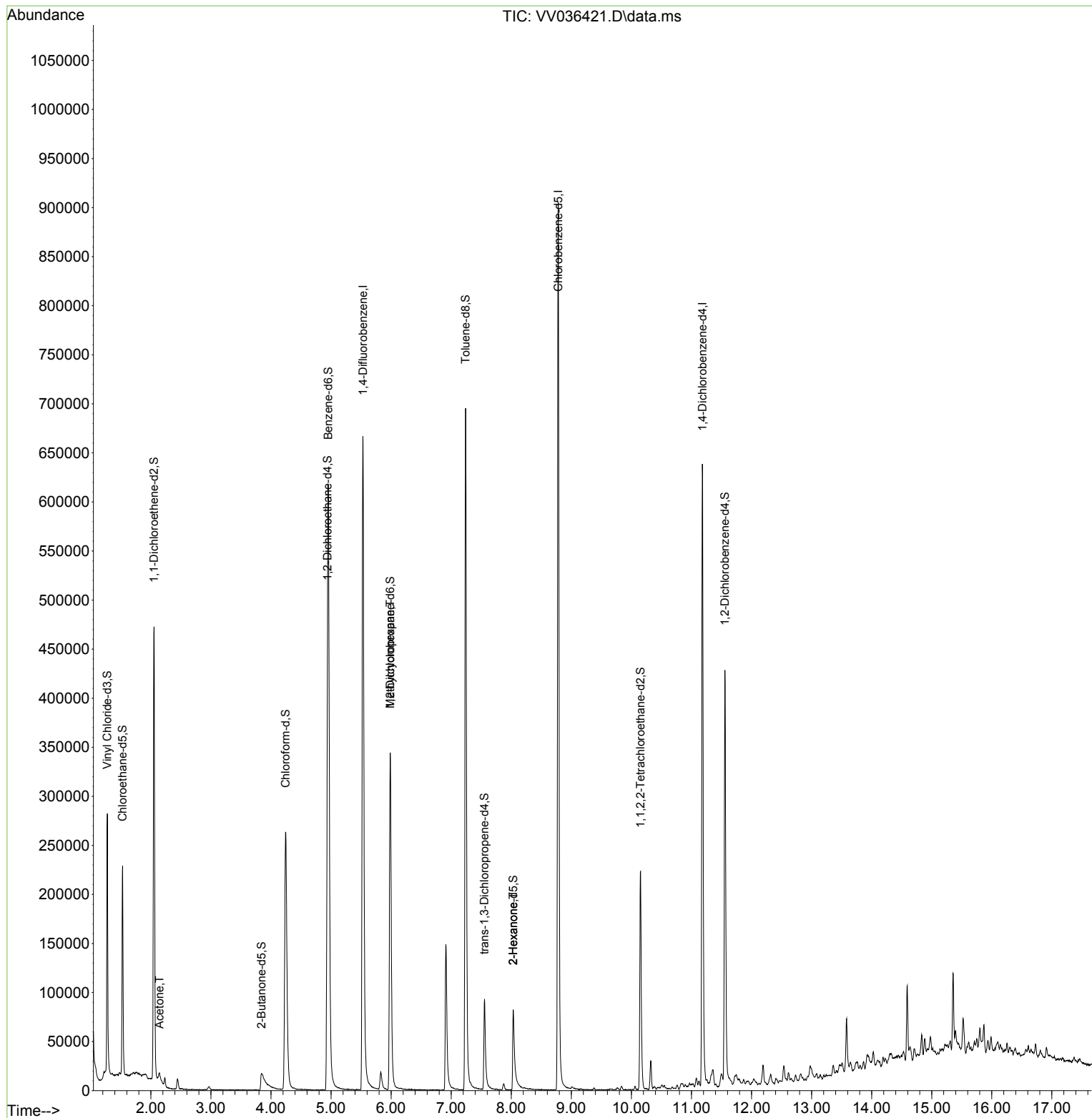
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	597441	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	525471	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172424	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	170829	16.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
7) Chloroethane-d5	1.529	69	139677	17.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
11) 1,1-Dichloroethene-d2	2.053	65	78408	16.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.760%
21) 2-Butanone-d5	3.841	46	42265	17.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.900%
24) Chloroform-d	4.243	84	290715	16.485	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.960%
26) 1,2-Dichloroethane-d4	4.941	65	152835	16.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.000%#
32) Benzene-d6	4.953	84	579495	19.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.160%
36) 1,2-Dichloropropane-d6	5.985	67	174803	19.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.360%
41) Toluene-d8	7.239	98	481926	18.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.080%
43) trans-1,3-Dichloroprop...	7.555	79	59926	15.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.160%
47) 2-Hexanone-d5	8.034	63	30670	21.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110137	15.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	113522	18.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.280%#
Target Compounds			Qvalue			
13) Acetone	2.143	43	7727	2.429	ug/L #	64
35) Methylcyclohexane	5.985	83	43292	3.163	ug/L #	21
48) 2-Hexanone	8.034	43	4564	1.294	ug/L #	68

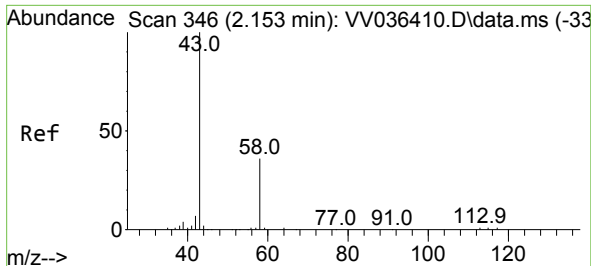
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:08:41 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.429 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV036421.D

Acq: 02 Jul 2024 15:00

Instrument :

MSVOA_V

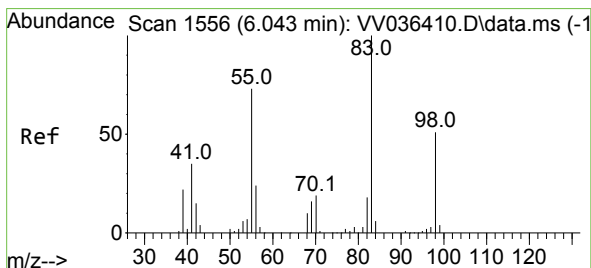
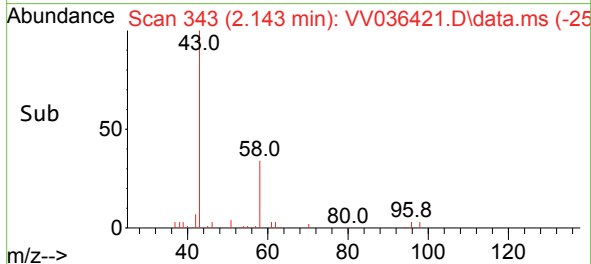
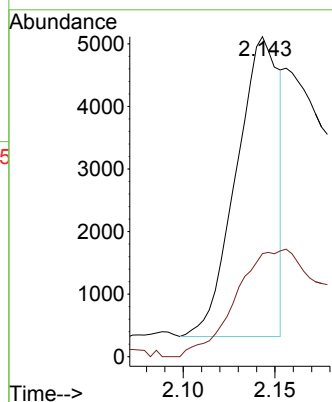
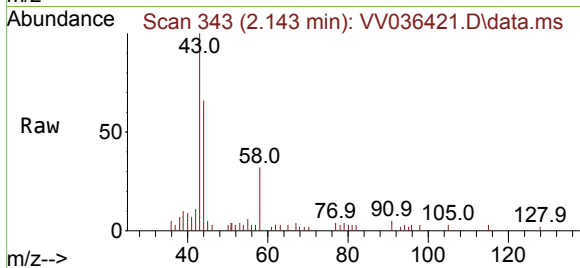
ClientSampleId :

Tgt Ion: 43 Resp: 7727

Ion Ratio Lower Upper

43 100

58 33.7 0.0 0.6#



#35

Methylcyclohexane

Concen: 3.163 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

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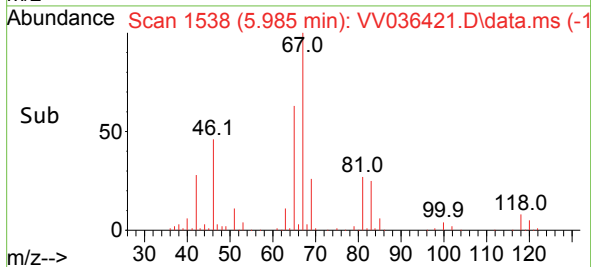
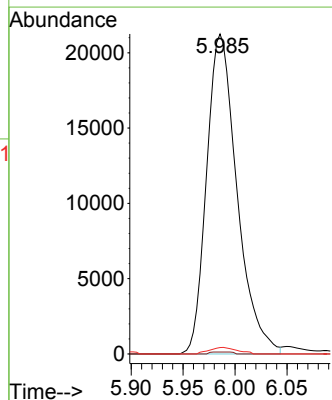
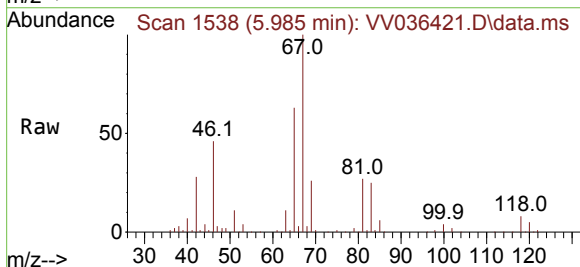
Tgt Ion: 83 Resp: 43292

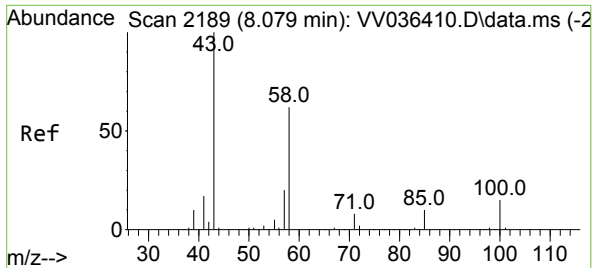
Ion Ratio Lower Upper

83 100

55 0.2 56.0 84.0#

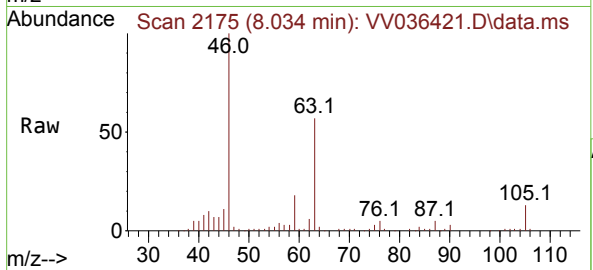
98 1.8 39.0 58.6#





#48
 2-Hexanone
 Concen: 1.294 ug/L
 RT: 8.034 min Scan# 2189
 Delta R.T. -0.045 min
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 Acq: 02 Jul 2024 15:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp:	4564
Ion	Ratio	Lower Upper
43	100	
58	35.2	48.5 72.7#
57	35.6	15.8 23.6#
100	3.9	10.9 16.3#

