

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\
 Data File : VV013045.D
 Acq On : 04 Oct 2019 13:46
 Operator : SY/MD
 Sample : K5202-07
 Misc : 4.83G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 18:26:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 18:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	674793	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	637971	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	266407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211642	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
7) Chloroethane-d5	1.58	69	193486	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	2.13	63	294560	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	3.94	46	160785	44.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.96%
24) Chloroform-d	4.40	84	441506	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.08	65	263313	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.76%
29) Benzene-d6	5.10	84	894559	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	6.11	67	290569	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.12%
37) Toluene-d8	7.36	98	759597	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	7.66	79	104372	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	8.14	63	101576	45.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	242804	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	270328	26.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.48%

Target Compounds

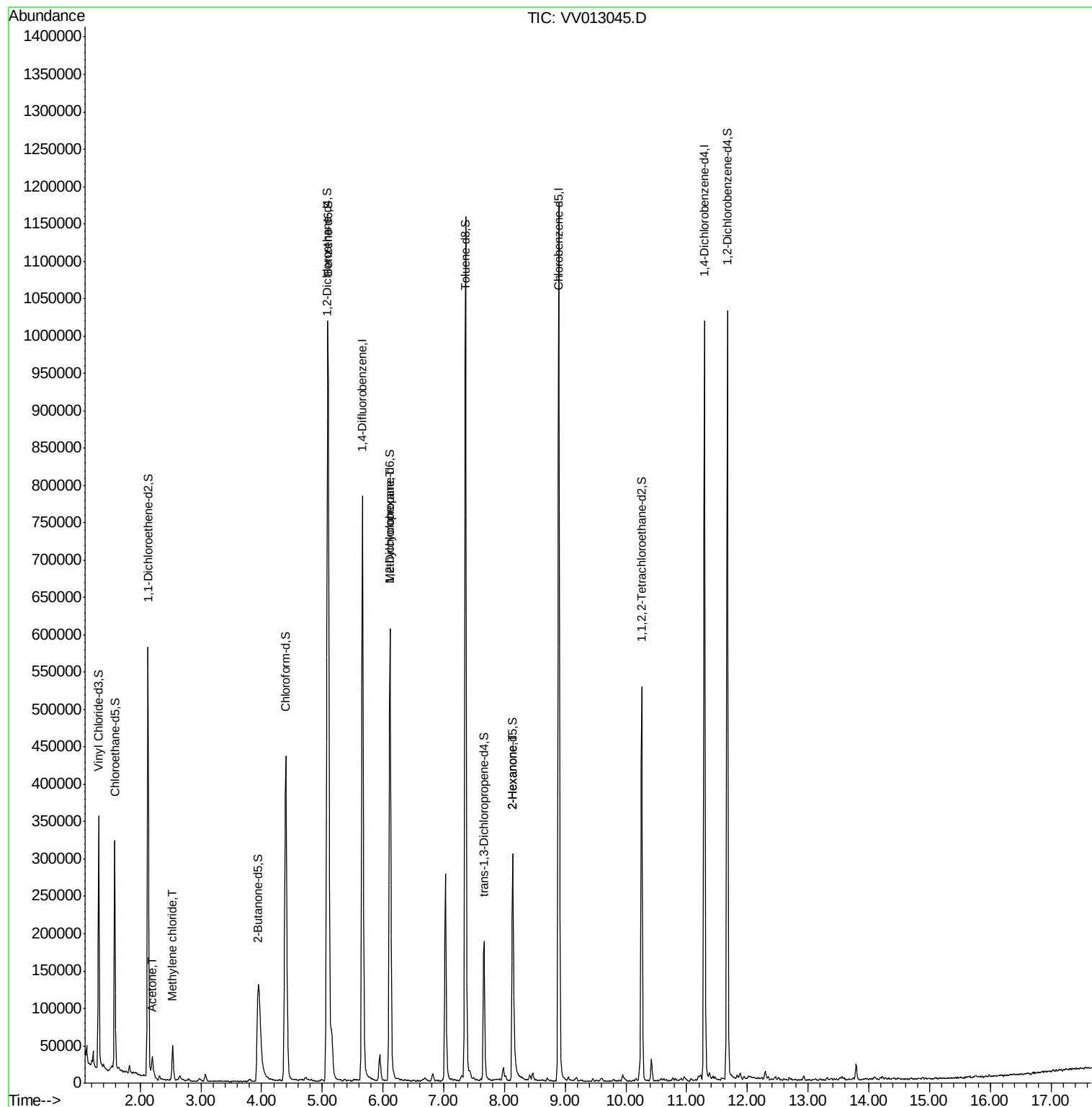
					Ovalue
13) Acetone	2.20	43	33083	8.610 ug/L	95
16) Methylene chloride	2.53	84	17993	1.784 ug/L	99
36) Methylcyclohexane	6.11	83	69089	4.549 ug/L #	18
49) 2-Hexanone	8.14	43	15585	2.725 ug/L #	72

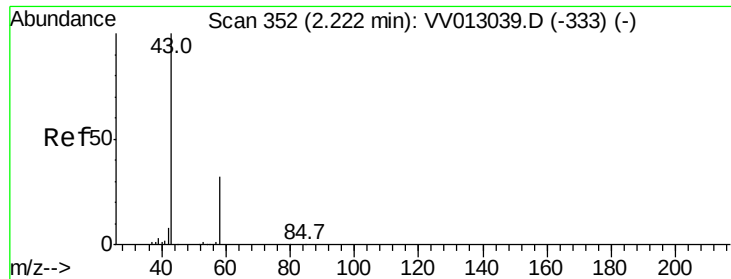
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.610 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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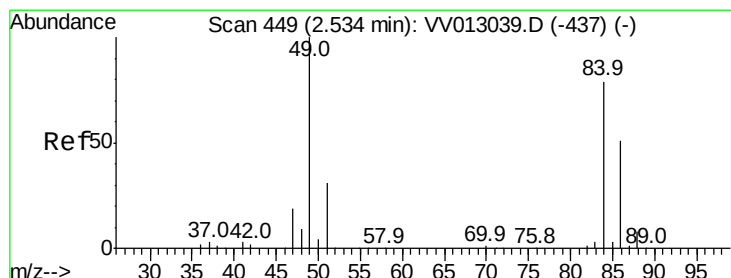
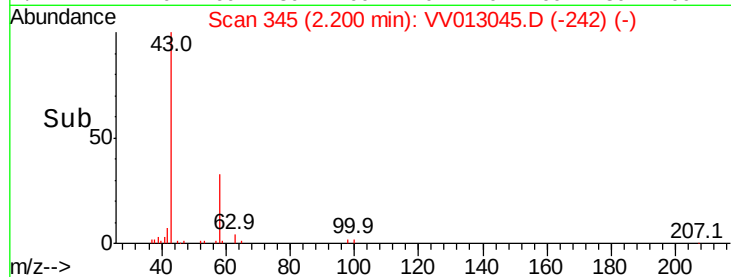
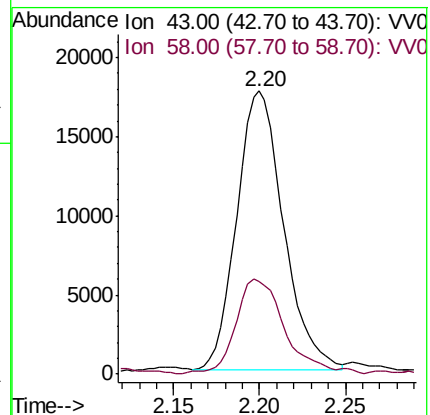
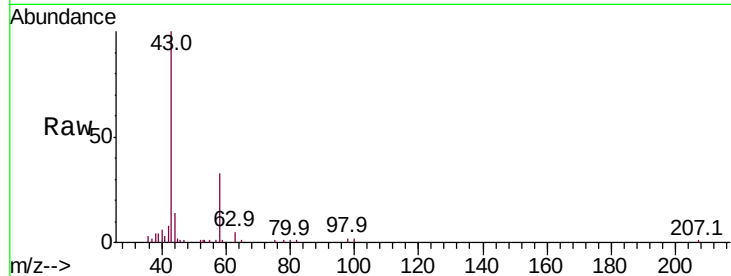
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 33083

Ion Ratio Lower Upper

43 100

58 35.4 0.0 65.0



#16

Methylene chloride

Concen: 1.784 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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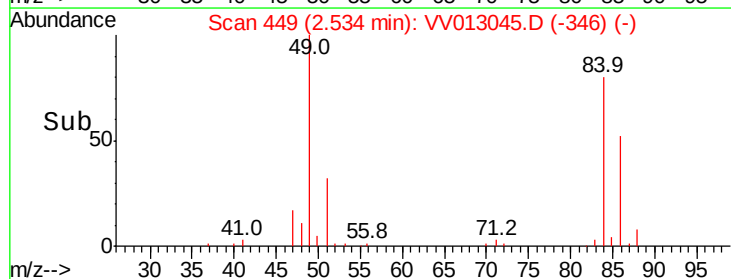
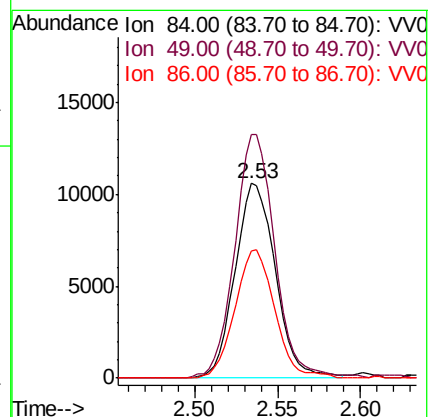
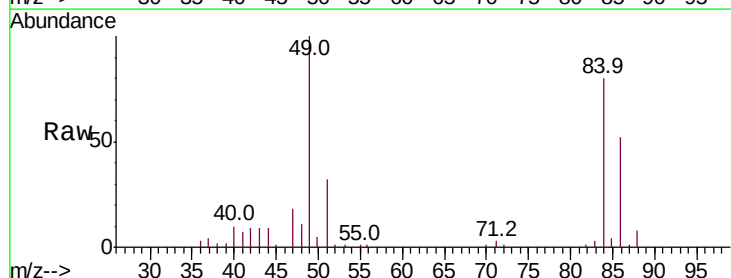
Tgt Ion: 84 Resp: 17993

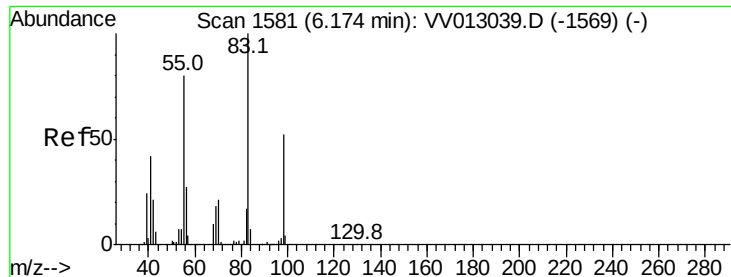
Ion Ratio Lower Upper

84 100

49 125.0 88.3 164.1

86 65.6 44.9 83.3





#36

Methylvlcyclohexane

Concen: 4.549 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

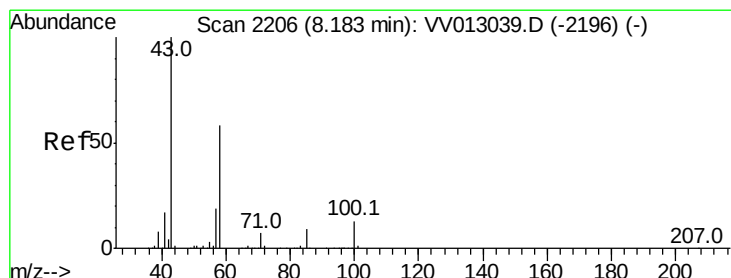
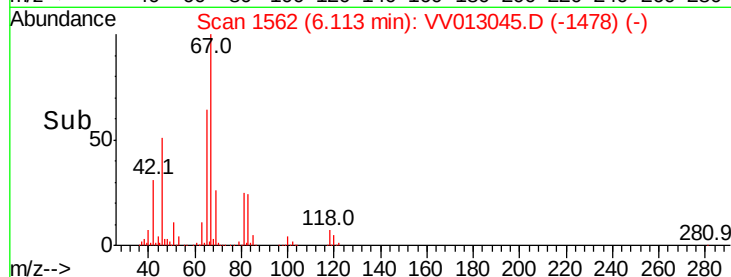
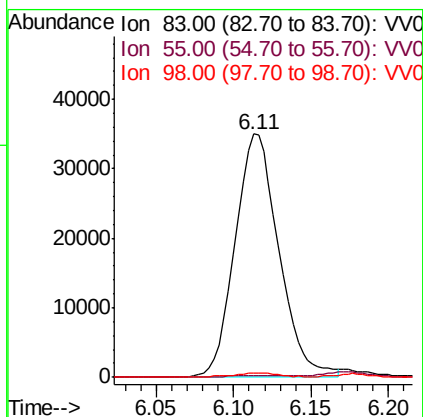
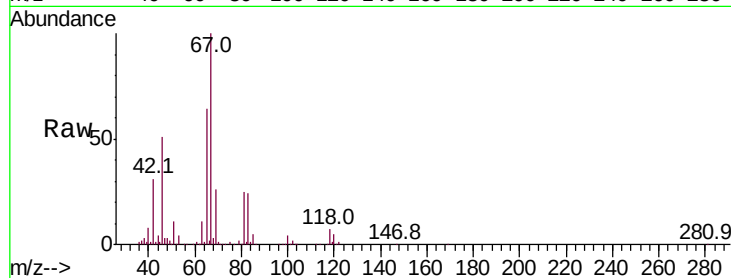
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Tot Ion: 83 Resp: 69089

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.8	92.8#
98	0.3	39.3	58.9#



#49

2-Hexanone

Concen: 2.725 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 15585

Ion	Ratio	Lower	Upper
43	100		
58	35.3	46.5	69.7#
57	29.9	15.5	23.3#
100	3.6	9.7	14.5#

