

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012977.D
 Acq On : 25 Sep 2019 15:25
 Operator : SY/MD
 Sample : K4958-15RE
 Misc : 4.45G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ8RE

Quant Time: Sep 26 03:17:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	708982	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	602457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	172632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168801	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.36%
7) Chloroethane-d5	1.58	69	164200	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
10) 1,1-Dichloroethene-d2	2.13	63	227932	12.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.84%
20) 2-Butanone-d5	3.93	46	87732	23.10	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.20%
24) Chloroform-d	4.40	84	379029	19.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.84%
26) 1,2-Dichloroethane-d4	5.08	65	230649	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	5.10	84	728220	21.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.60%
33) 1,2-Dichloropropane-d6	6.11	67	248196	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	7.36	98	566924	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.28%
38) trans-1,3-Dichloropropene-	7.66	79	69876	15.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.60%
39) 2-Hexanone-d5	8.13	63	51896	24.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	189517	18.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	119557	17.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.32%#

Target Compounds

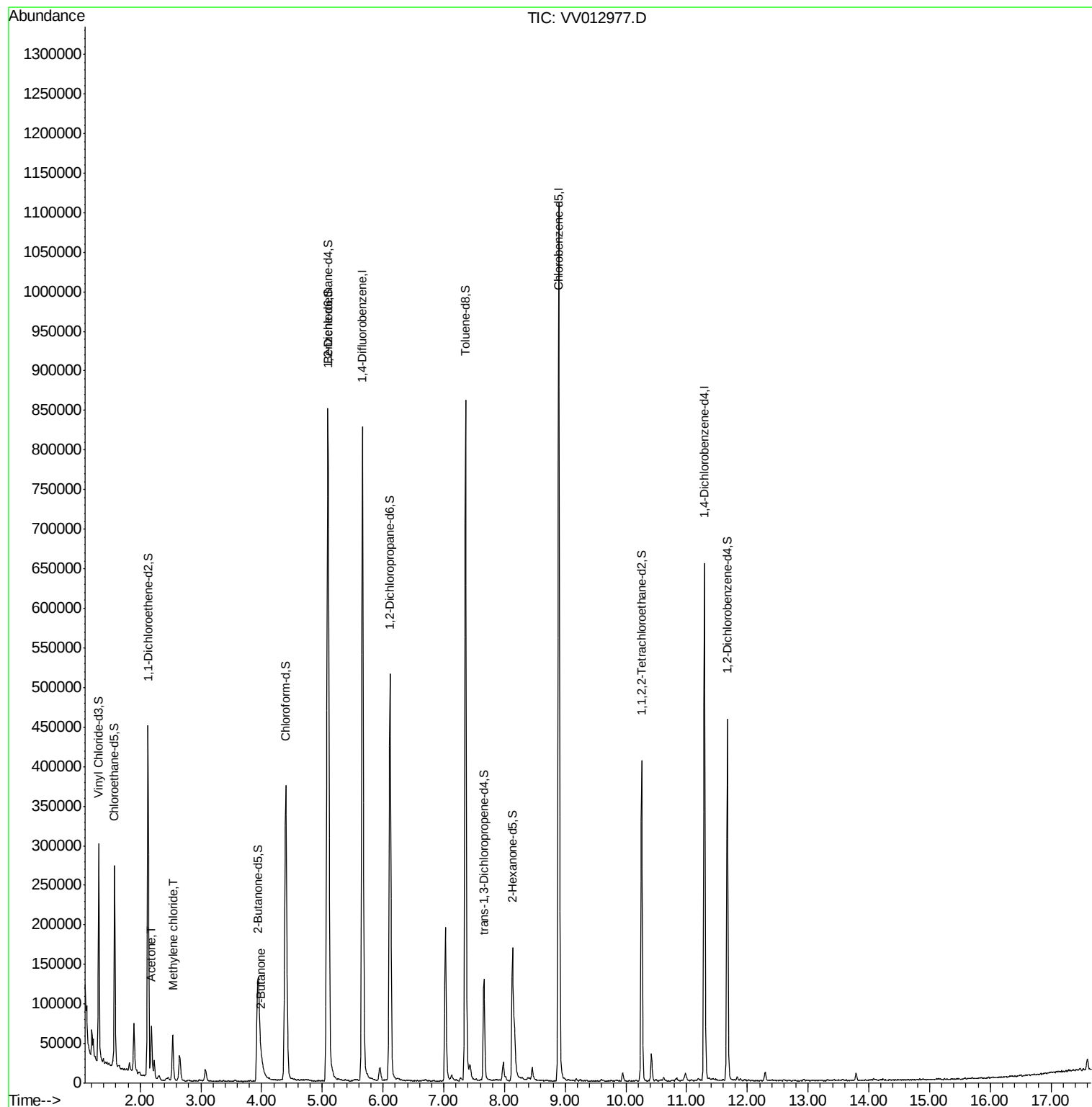
					Ovalue
13) Acetone	2.19	43	58061	14.382 ug/L	99
16) Methylene chloride	2.54	84	23246	2.194 ug/L	94
21) 2-Butanone	4.00	43	50846	10.822 ug/L #	62

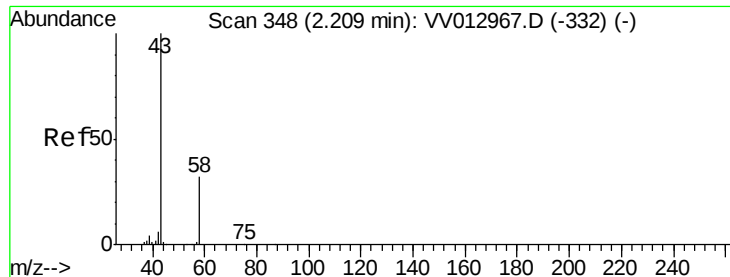
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.382 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

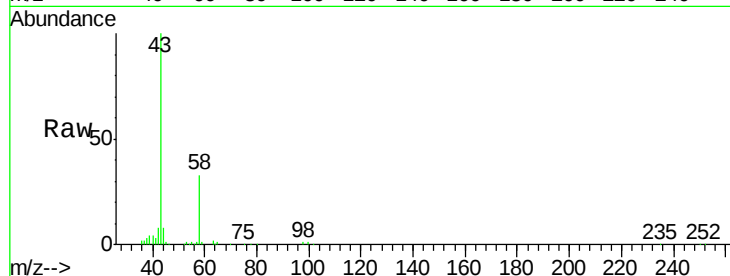
ESNZ8RE

Tot Ion: 43 Resp: 58061

Ion Ratio Lower Upper

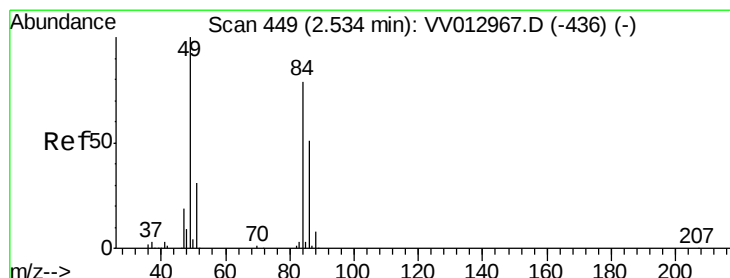
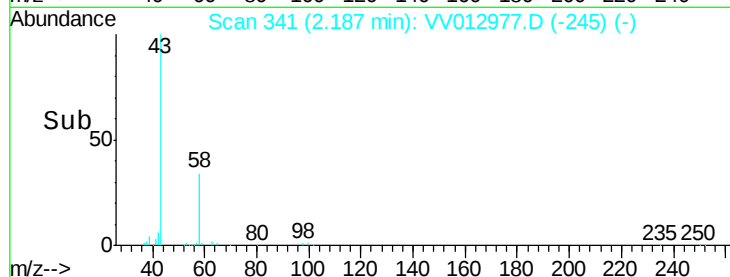
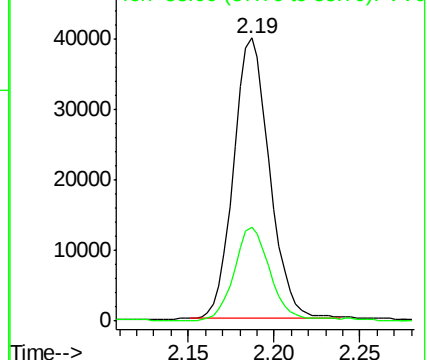
43 100

58 32.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.194 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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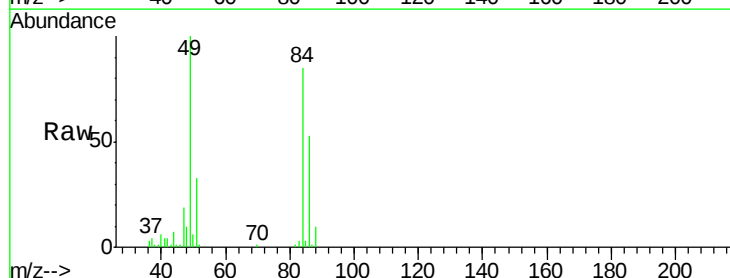
Tgt Ion: 84 Resp: 23246

Ion Ratio Lower Upper

84 100

49 117.7 88.3 164.1

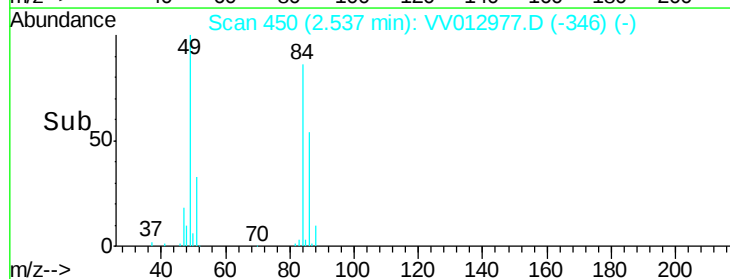
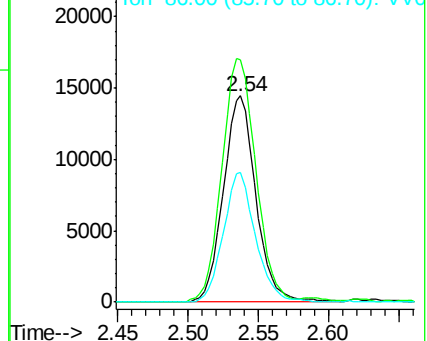
86 62.6 44.9 83.3

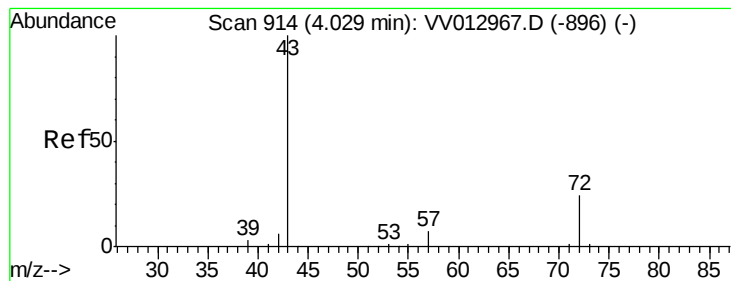


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#21

2-Butanone

Concen: 10.822 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.03 min

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Tot Ion: 43 Resp: 50846

Ion Ratio Lower Upper

43 100

72 5.2 11.9 35.9#

