

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012975.D
 Acq On : 25 Sep 2019 14:30
 Operator : SY/MD
 Sample : K4958-11
 Misc : 4.72G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ3

Quant Time: Sep 26 03:05:01 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	745769	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	719862	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	275895	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161264	13.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.76%
7) Chloroethane-d5	1.58	69	167282	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.52%
10) 1,1-Dichloroethene-d2	2.13	63	227040	11.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.20%
20) 2-Butanone-d5	3.96	46	99708	24.96	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.92%
24) Chloroform-d	4.40	84	391567	19.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.44%
26) 1,2-Dichloroethane-d4	5.08	65	231409	19.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.72%
29) Benzene-d6	5.10	84	764313	19.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.08%
33) 1,2-Dichloropropane-d6	6.11	67	255370	20.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.08%
37) Toluene-d8	7.36	98	626727	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.72%
38) trans-1,3-Dichloropropene-	7.66	79	85534	16.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.12%
39) 2-Hexanone-d5	8.14	63	64481	25.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	185614	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	201984	18.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.36%

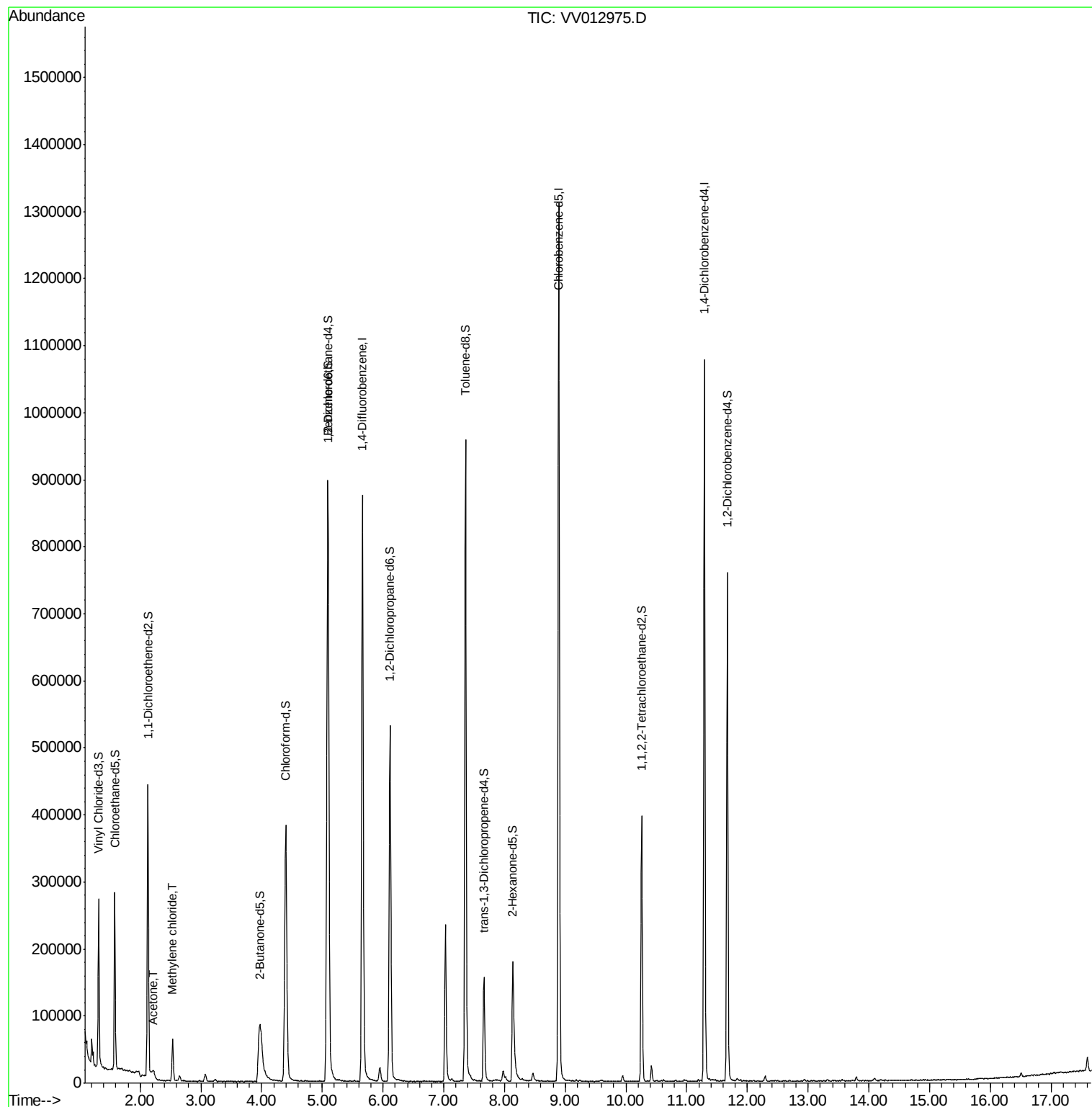
Target Compounds					Ovalue
13) Acetone	2.22	43	9144	2.153 ug/L	66
16) Methylene chloride	2.53	84	25267	2.267 ug/L	97

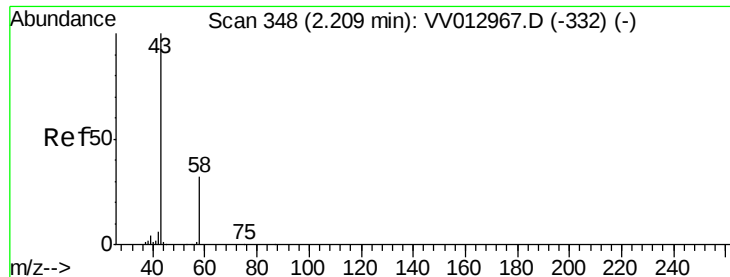
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.153 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

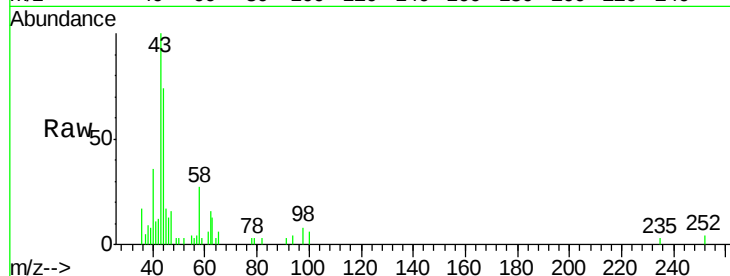
ESNZ3

Tot Ion: 43 Resp: 9144

Ion Ratio Lower Upper

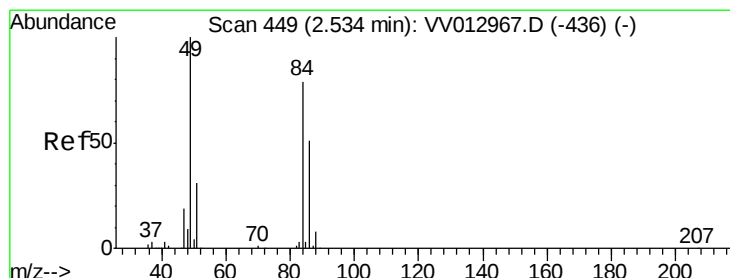
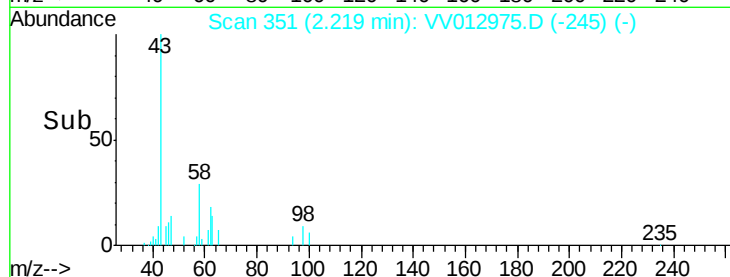
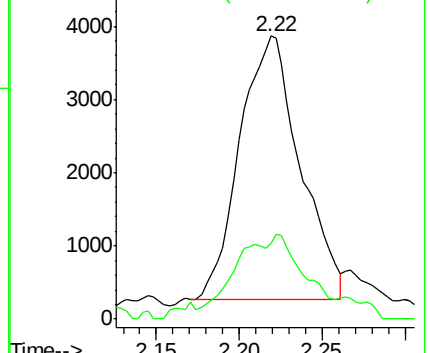
43 100

58 13.6 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: 2.267 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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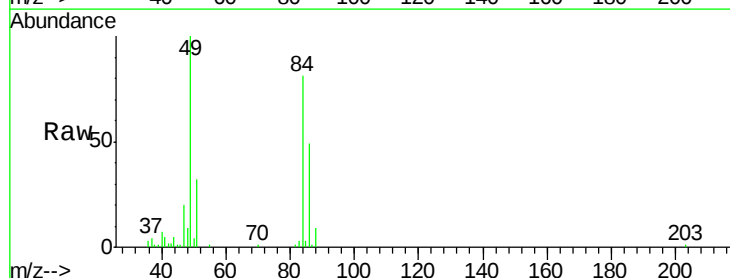
Tgt Ion: 84 Resp: 25267

Ion Ratio Lower Upper

84 100

49 124.0 88.3 164.1

86 60.8 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

