

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
 Data File : VV010337.D
 Acq On : 16 Apr 2019 17:04
 Operator : SY/MD
 Sample : K2402-14
 Misc : 5.09G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ4

Quant Time: Apr 16 23:11:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 23:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	101385	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15060	12.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.60%
7) Chloroethane-d5	1.59	69	17066	17.01	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
10) 1,1-Dichloroethene-d2	2.13	63	32880	11.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.28%#
20) 2-Butanone-d5	3.94	46	16079	54.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.88%
24) Chloroform-d	4.41	84	44869	19.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.52%
26) 1,2-Dichloroethane-d4	5.09	65	28782	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.32%
29) Benzene-d6	5.10	84	82944	16.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.12%
33) 1,2-Dichloropropane-d6	6.12	67	26913	18.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.20%
37) Toluene-d8	7.36	98	73145	15.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.68%
38) trans-1,3-Dichloropropene-	7.67	79	10091	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.84%
39) 2-Hexanone-d5	8.14	63	7109	27.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29980	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	25286	18.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.56%#

Target Compounds

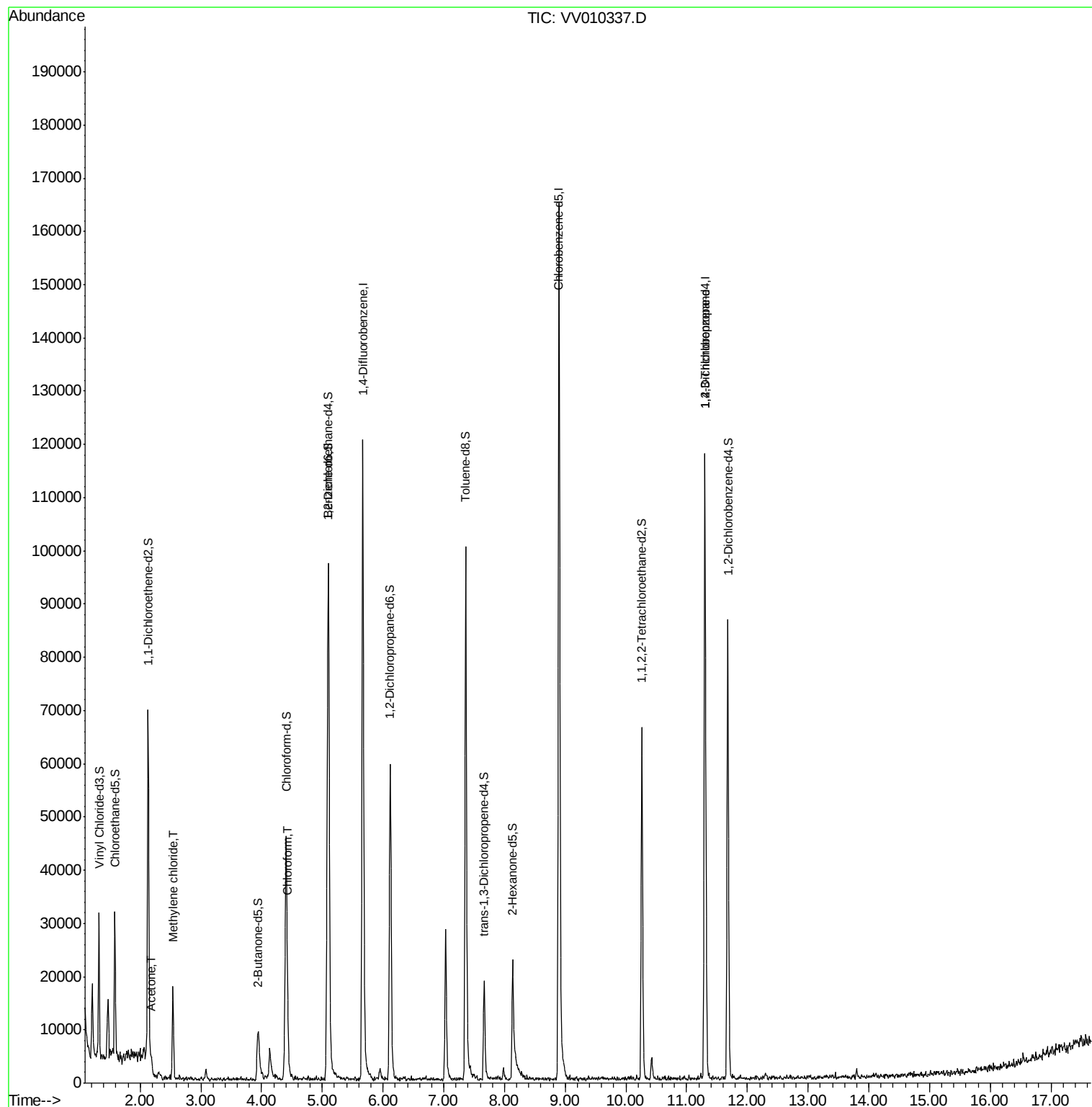
					Qvalue
13) Acetone	2.19	43	2420	7.669 ug/L	84
16) Methylene chloride	2.54	84	6016	3.030 ug/L	98
25) Chloroform	4.43	83	2218	0.893 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	4228	4.309 ug/L	100

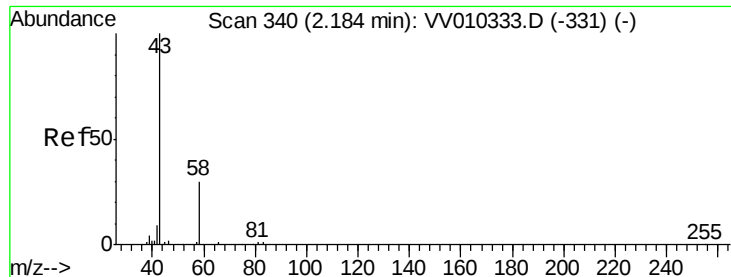
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.669 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 16 Apr 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

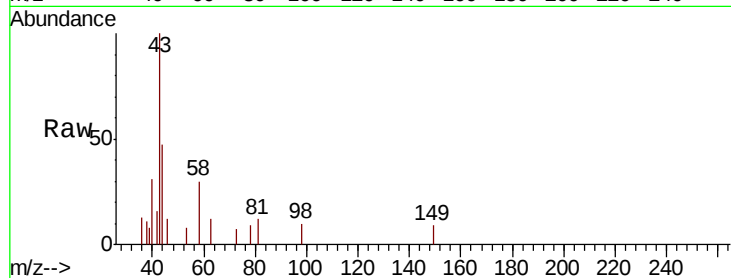
GAHJ4

Tgt Ion: 43 Resp: 2420

Ion Ratio Lower Upper

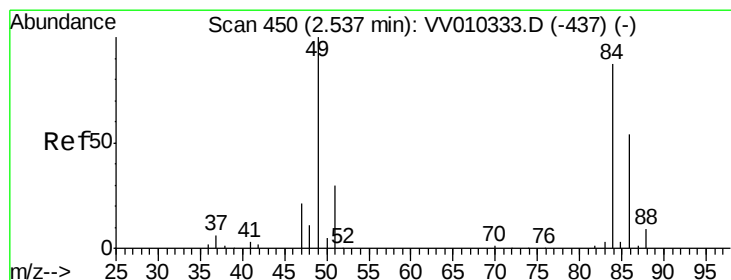
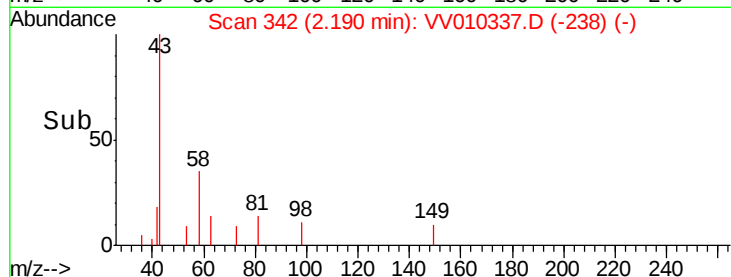
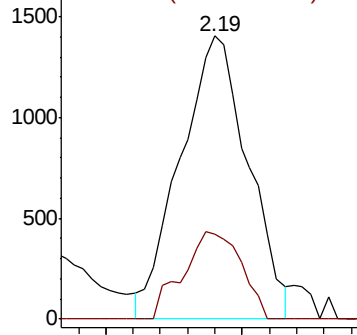
43 100

58 22.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.030 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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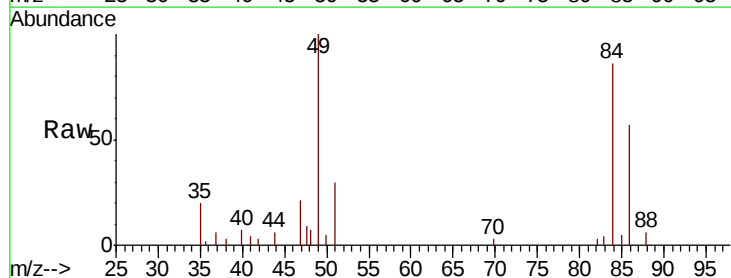
Tgt Ion: 84 Resp: 6016

Ion Ratio Lower Upper

84 100

49 116.2 79.9 148.5

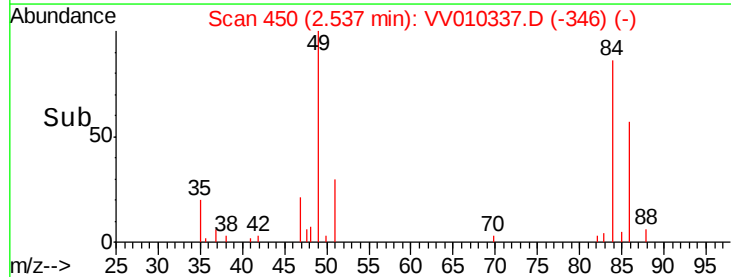
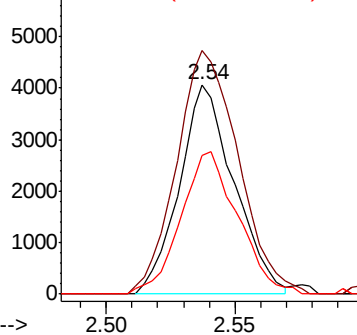
86 66.2 44.5 82.7

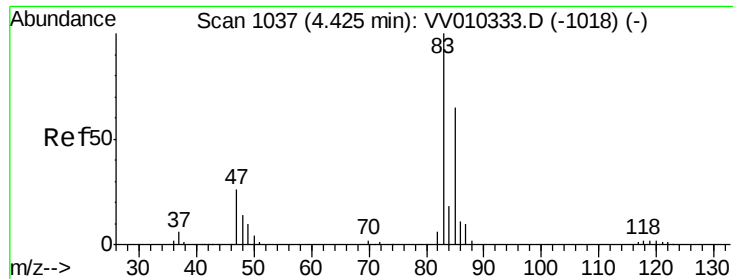


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

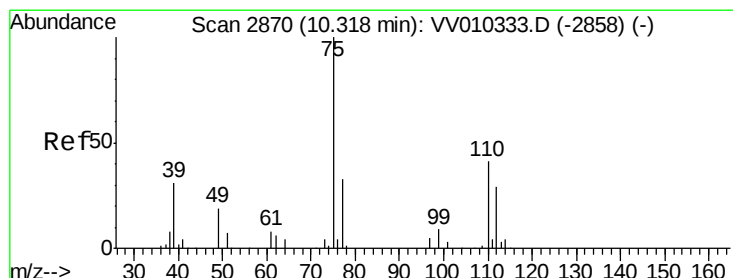
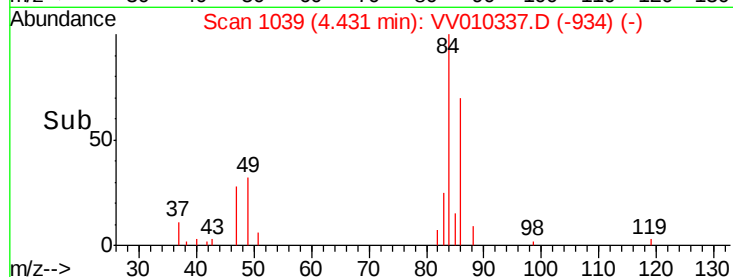
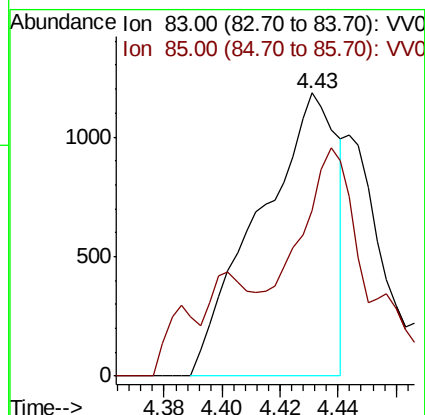
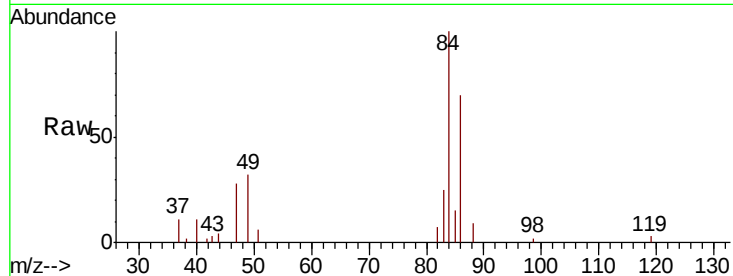




#25
Chloroform
Concen: 0.893 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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MSVOA_V
ClientSampled :
GAHJ4

Tgt Ion: 83 Resp: 2218
Ion Ratio Lower Upper
83 100
85 60.2 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 4.309 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010337.D
Acq: 16 Apr 2019 17:04

Tgt Ion: 75 Resp: 4228
Ion Ratio Lower Upper
75 100
77 33.7 26.9 40.3

