

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010237.D
 Acq On : 11 Apr 2019 12:18
 Operator : SY/MD
 Sample : K2304-04
 Misc : 5.72G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF889

Quant Time: Apr 12 01:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	255127	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105080	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54373	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	1.58	69	53300	21.12	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	2.13	63	110235	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.00%
20) 2-Butanone-d5	3.93	46	30201	40.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.28%
24) Chloroform-d	4.40	84	116280	19.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.84%
26) 1,2-Dichloroethane-d4	5.08	65	70128	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.52%
29) Benzene-d6	5.10	84	258291	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	6.12	67	76742	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.24%
37) Toluene-d8	7.36	98	243255	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.28%
38) trans-1,3-Dichloropropene-	7.66	79	28485	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	8.13	63	19777	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	64785	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	91140	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds

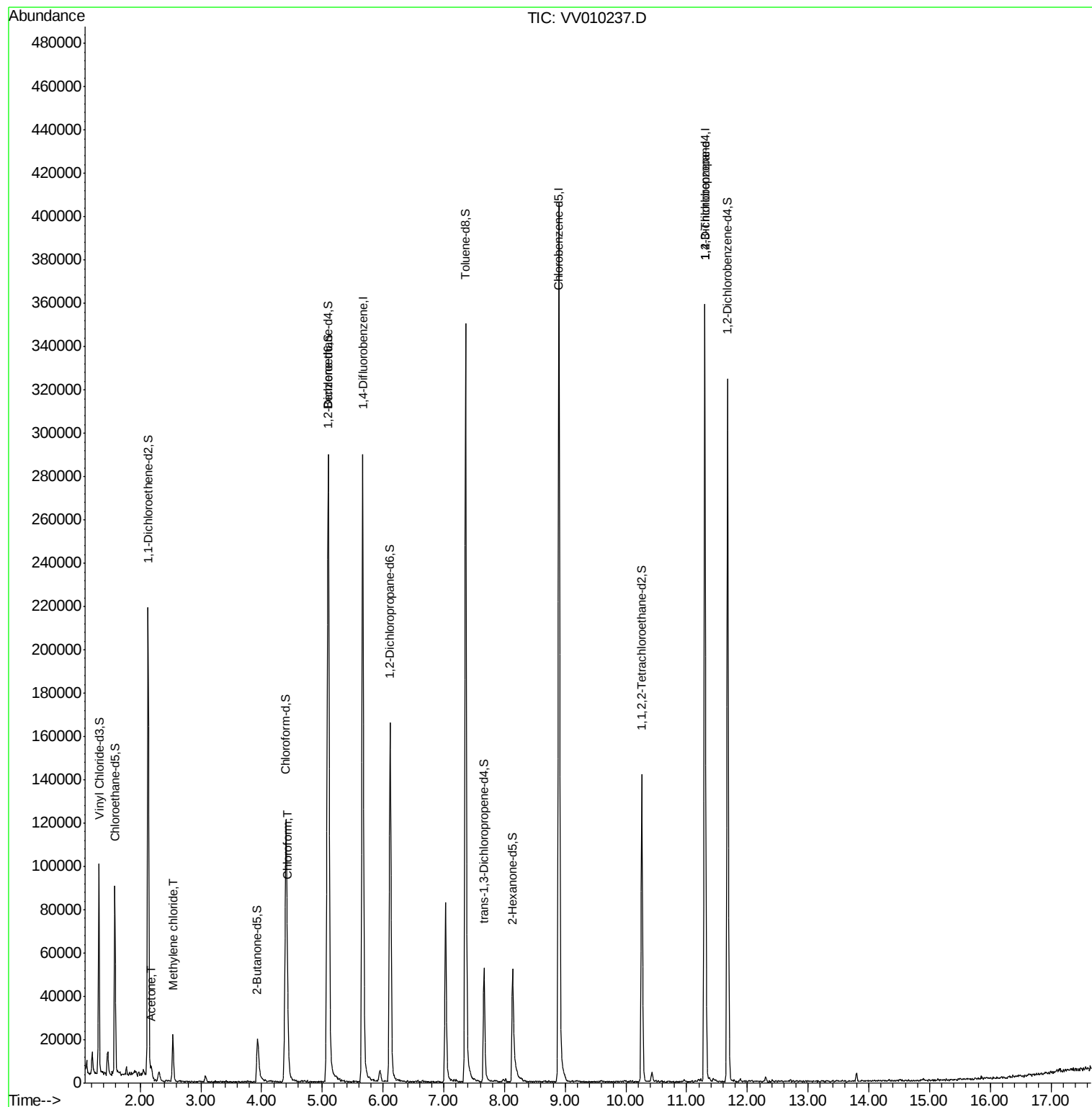
					Qvalue
13) Acetone	2.19	43	2654	3.342 ug/L	95
16) Methylene chloride	2.54	84	8366	1.674 ug/L	90
25) Chloroform	4.43	83	16838	2.694 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	12974	5.653 ug/L	91

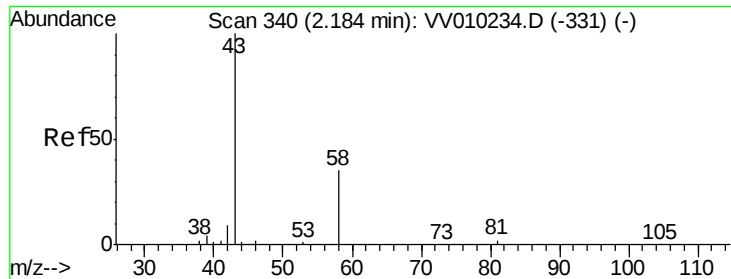
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.342 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010237.D

Acq: 11 Apr 2019 12:18

Instrument :

MSVOA_V

ClientSampled :

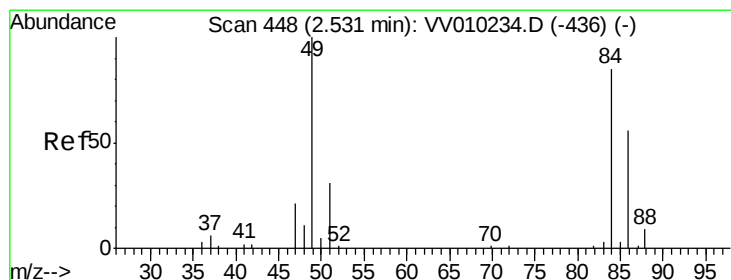
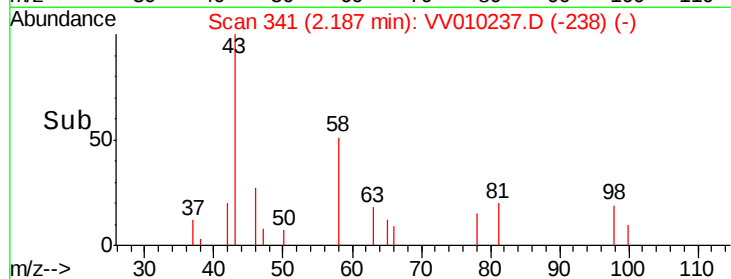
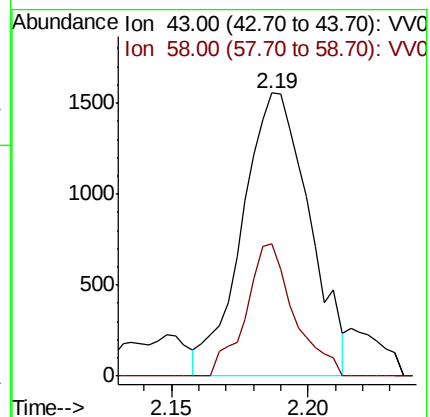
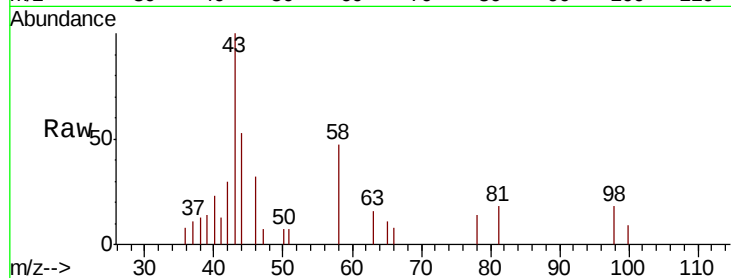
BF889

Tgt Ion: 43 Resp: 2654

Ion Ratio Lower Upper

43 100

58 33.5 0.0 61.6



#16

Methylene chloride

Concen: 1.674 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

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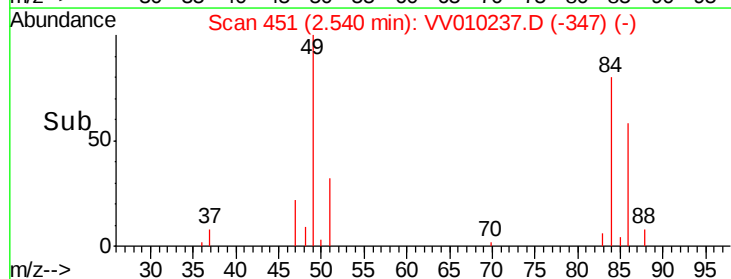
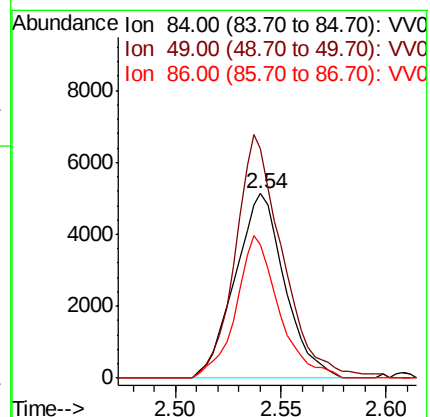
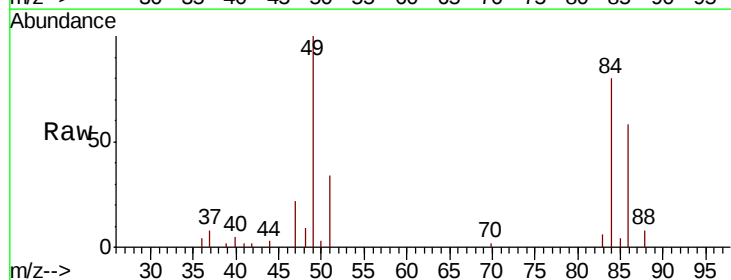
Tgt Ion: 84 Resp: 8366

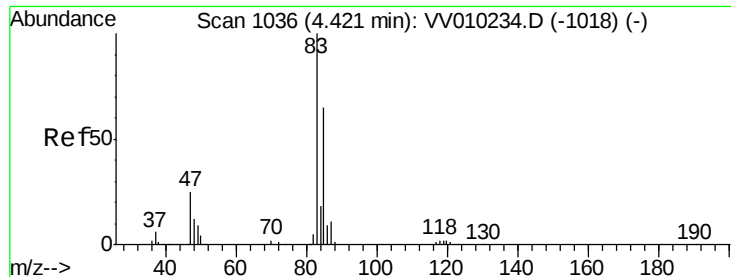
Ion Ratio Lower Upper

84 100

49 124.7 79.9 148.5

86 72.3 44.5 82.7

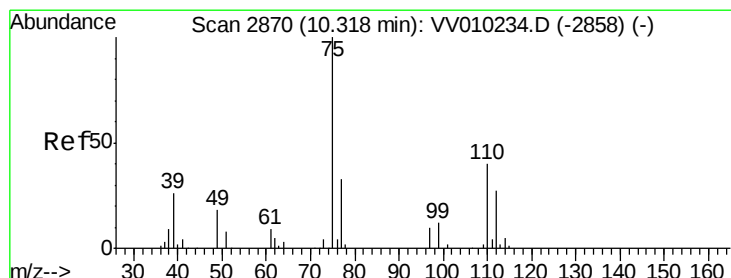
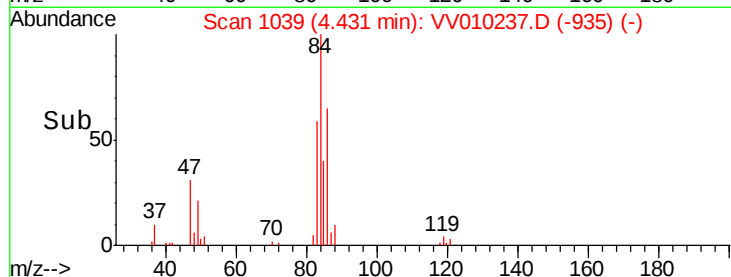
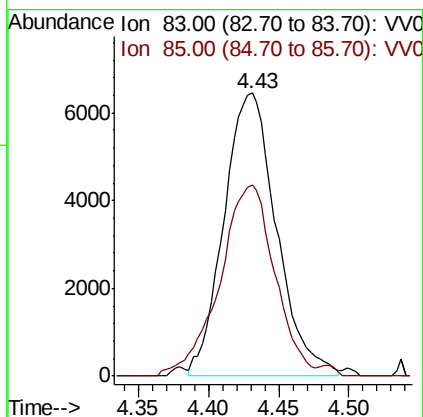
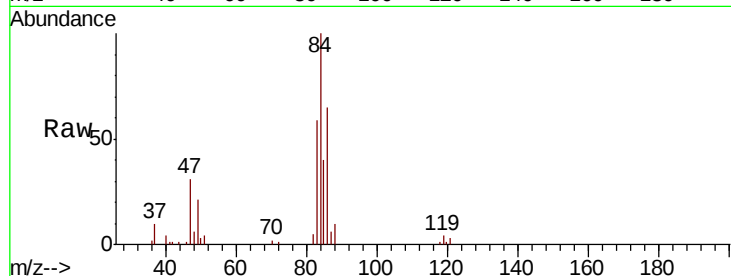




#25
Chloroform
Concen: 2.694 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 16838
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 5.653 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010237.D
Acq: 11 Apr 2019 12:18

Tgt Ion: 75 Resp: 12974
Ion Ratio Lower Upper
75 100
77 38.6 26.9 40.3

