

Data File : VV009023.D
Acq On : 18 Dec 2018 19:18
Operator : SY/MD
Sample : J6418-12
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF007

Quant Time: Dec 19 06:23:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	268697	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226768	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70742	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
7) Chloroethane-d5	1.58	69	67247	32.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.96%
10) 1,1-Dichloroethene-d2	2.13	63	152566	21.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.80%
20) 2-Butanone-d5	3.94	46	38290	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	4.40	84	173340	26.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.32%
26) 1,2-Dichloroethane-d4	5.08	65	99656	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.08%
29) Benzene-d6	5.10	84	345212	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	6.12	67	103479	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.72%
37) Toluene-d8	7.36	98	307373	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.88%
38) trans-1,3-Dichloropropene-	7.67	79	39842	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.28%
39) 2-Hexanone-d5	8.14	63	23840	36.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69296	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	75688	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

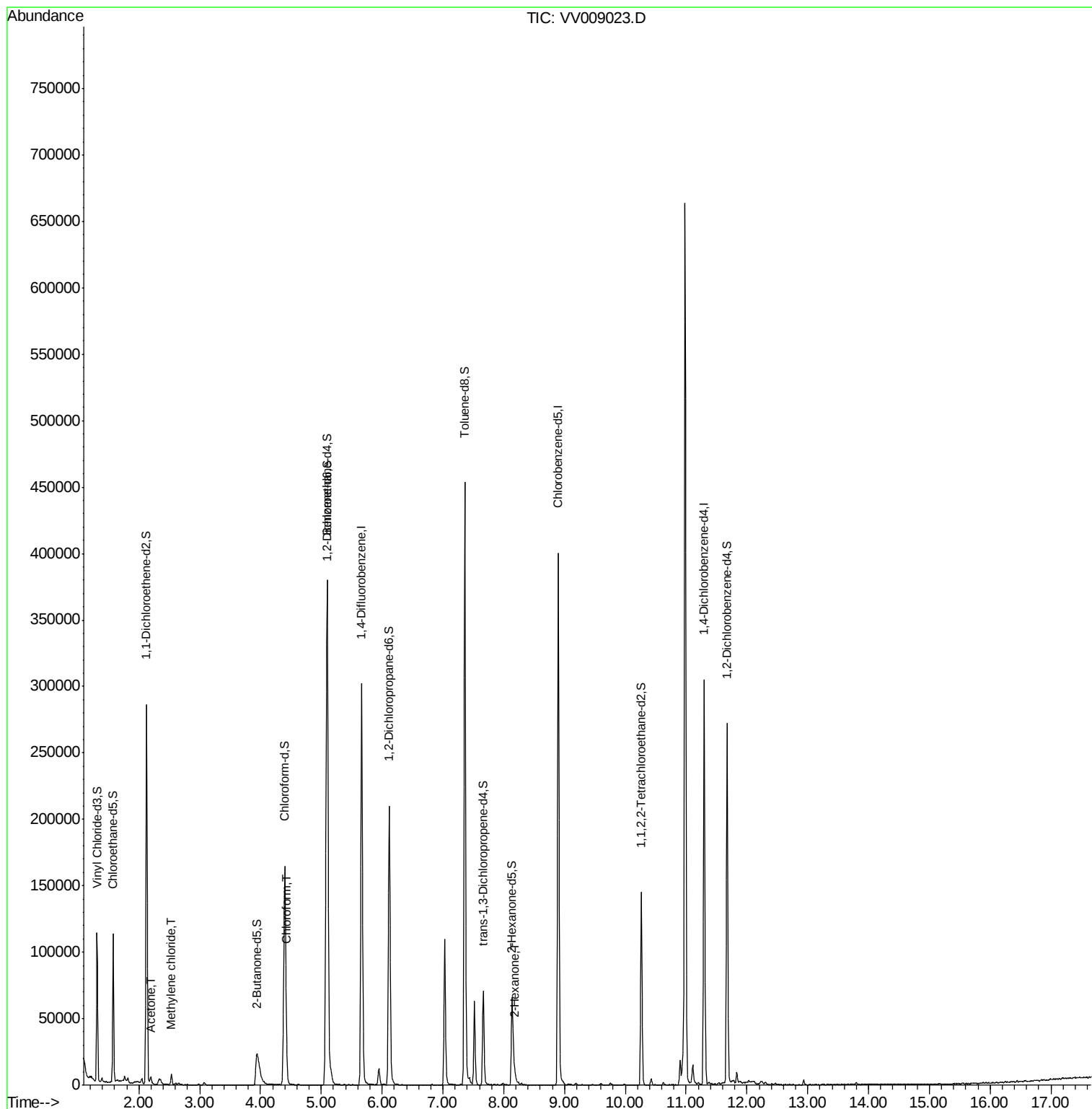
Target Compounds					Qvalue
13) Acetone	2.20	43	5566	3.732 ug/L	98
16) Methylene chloride	2.53	84	3506	0.775 ug/L	92
25) Chloroform	4.43	83	3829	0.588 ug/L	89
49) 2-Hexanone	8.18	43	5497	3.015 ug/L #	66

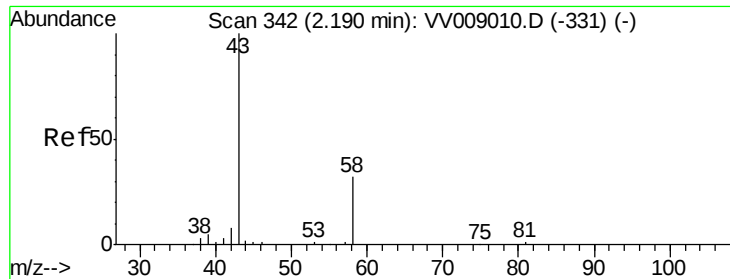
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.732 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

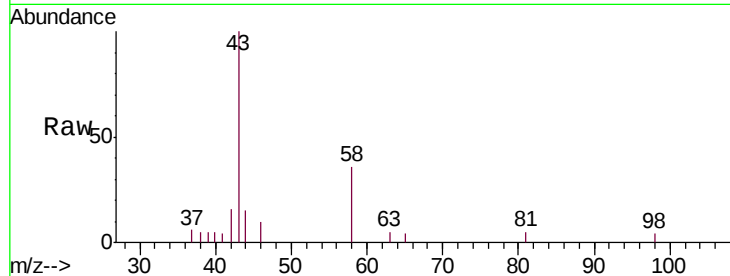
BF007

Tgt Ion: 43 Resp: 5566

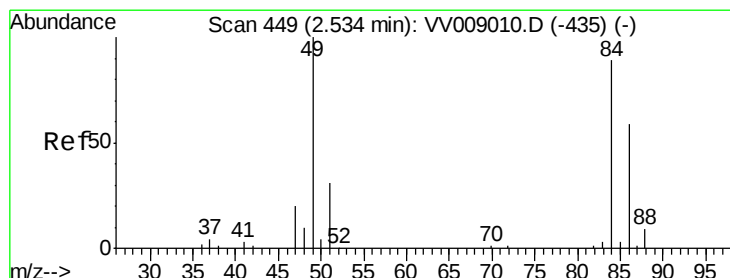
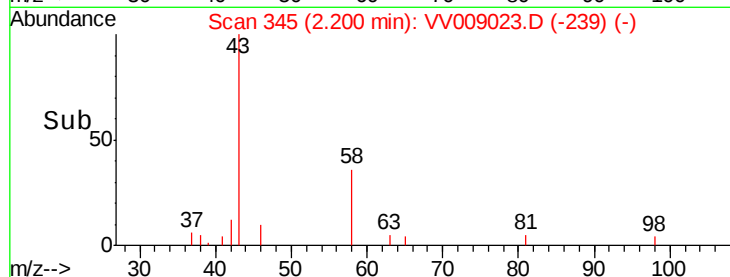
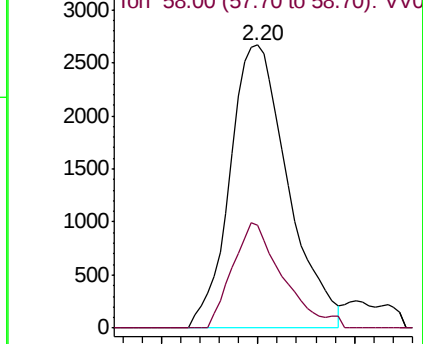
Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009010.D (-331) (-)



#16

Methylene chloride

Concen: 0.775 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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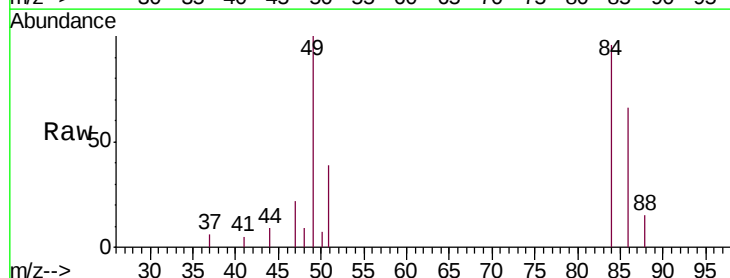
Tgt Ion: 84 Resp: 3506

Ion Ratio Lower Upper

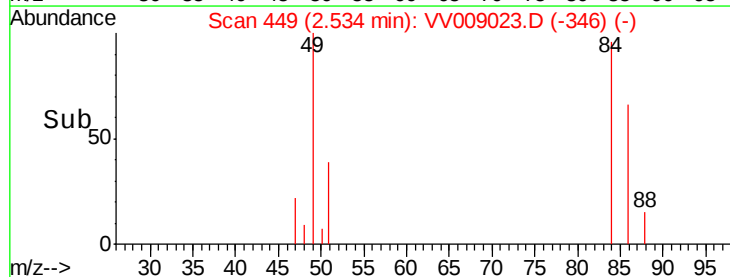
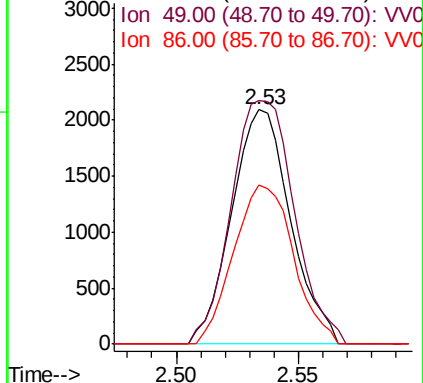
84 100

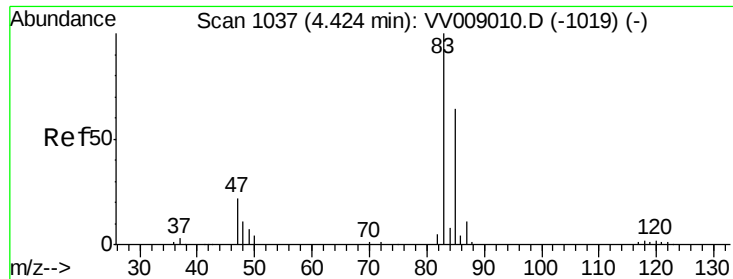
49 103.9 80.5 149.5

86 68.1 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009010.D (-435) (-)

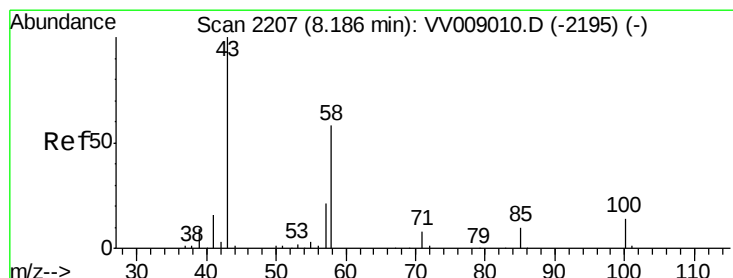
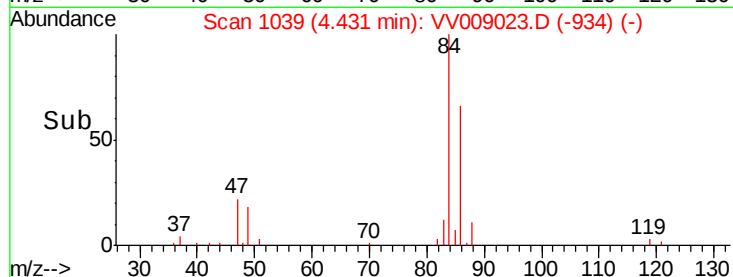
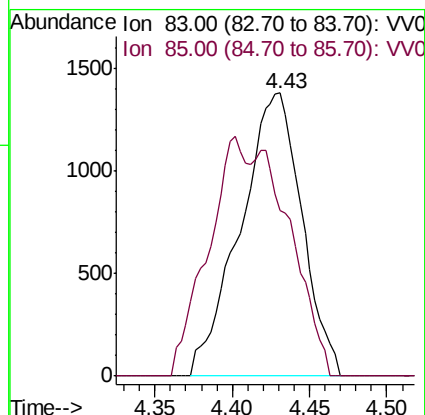
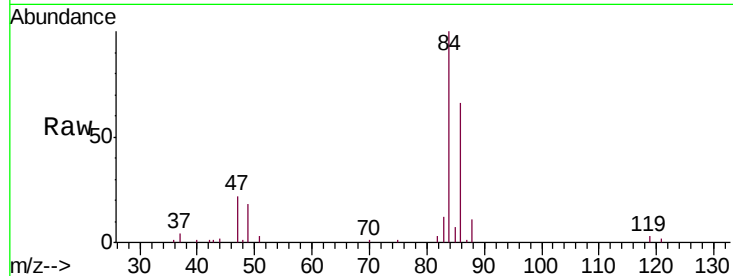




#25
Chloroform
Concen: 0.588 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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Tgt Ion: 83 Resp: 3829
Ion Ratio Lower Upper
83 100
85 56.7 45.6 84.8



#49
2-Hexanone
Concen: 3.015 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV009023.D
Acq: 18 Dec 2018 19:18

Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
58 31.3 43.9 65.9#
57 0.0 15.7 23.5#
100 3.7 11.0 16.4#

