

Data File : VV010401.D
Acq On : 19 Apr 2019 23:37
Operator : SY/MD
Sample : K2456-21
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN9

Quant Time: Apr 20 04:39:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401973	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	403447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	206355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91247	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.52%
7) Chloroethane-d5	1.58	69	89261	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
10) 1,1-Dichloroethene-d2	2.13	63	149421	12.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.52%
20) 2-Butanone-d5	3.94	46	71682	45.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.18%
24) Chloroform-d	4.40	84	236956	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.08	65	153636	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
29) Benzene-d6	5.10	84	423354	20.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.00%
33) 1,2-Dichloropropane-d6	6.12	67	137201	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	7.36	98	416380	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	7.66	79	58031	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.08%
39) 2-Hexanone-d5	8.13	63	53751	39.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	122597	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	188520	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

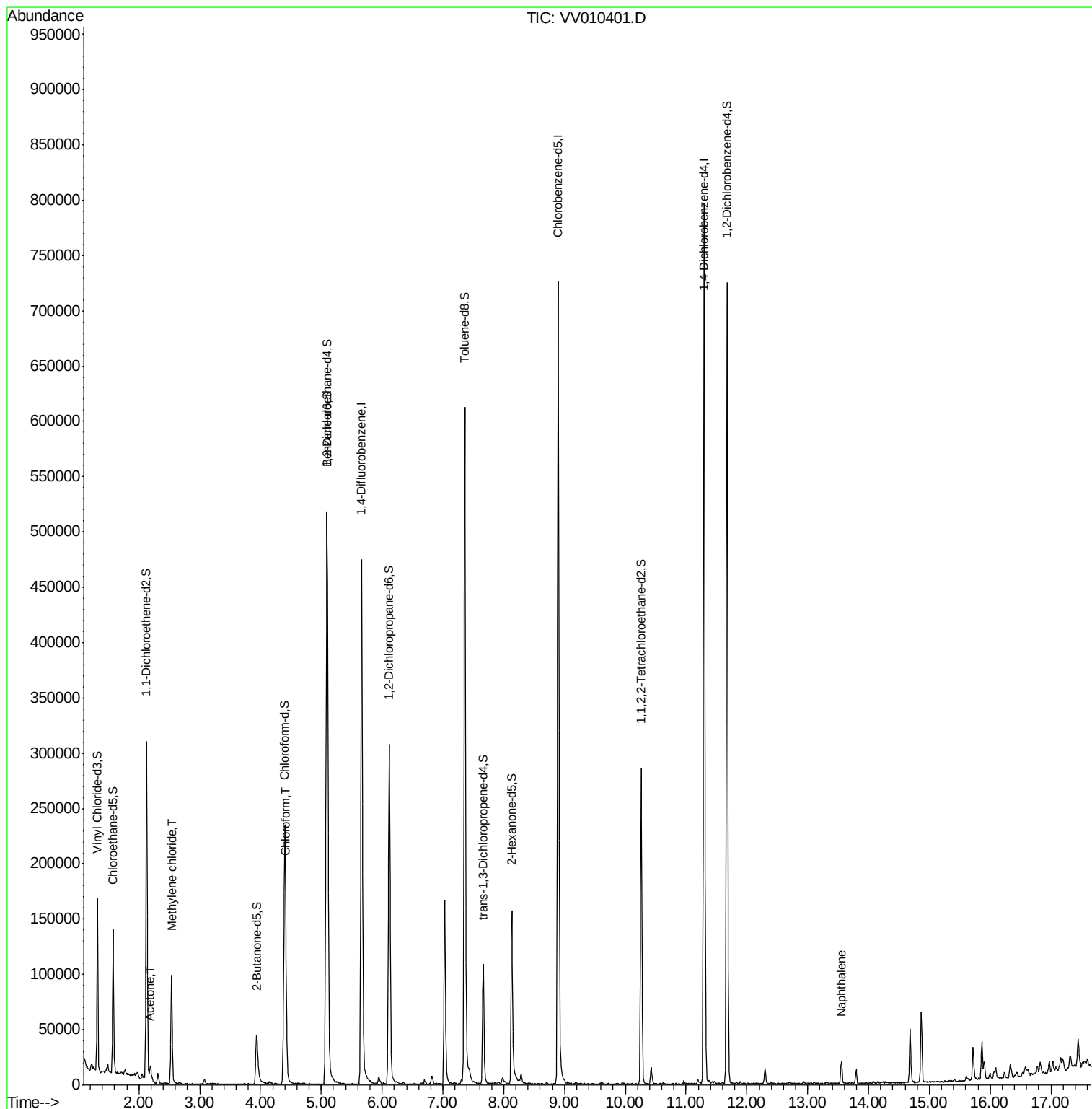
Target Compounds					Qvalue
13) Acetone	2.19	43	6710	4.000 ug/L	84
16) Methylene chloride	2.54	84	39963	6.224 ug/L	96
25) Chloroform	4.42	83	7857	0.797 ug/L	80
69) Naphthalene	13.56	128	16323	1.057 ug/L	98

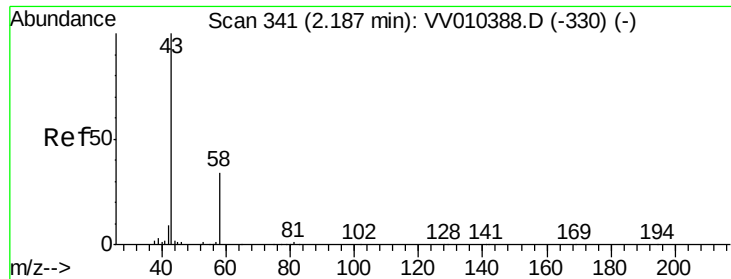
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.000 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

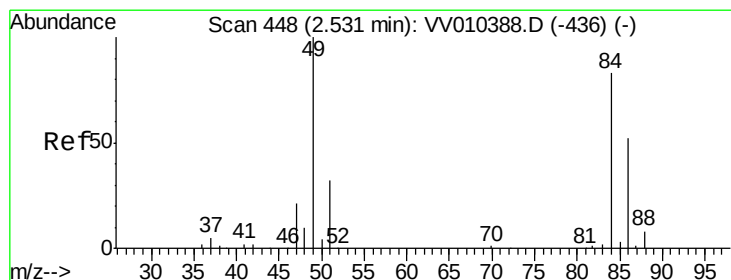
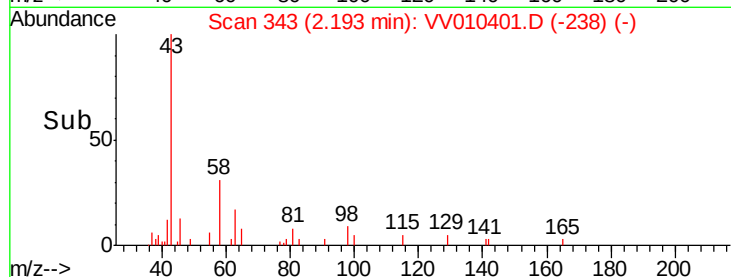
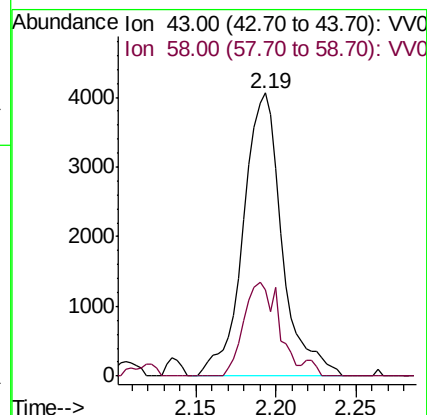
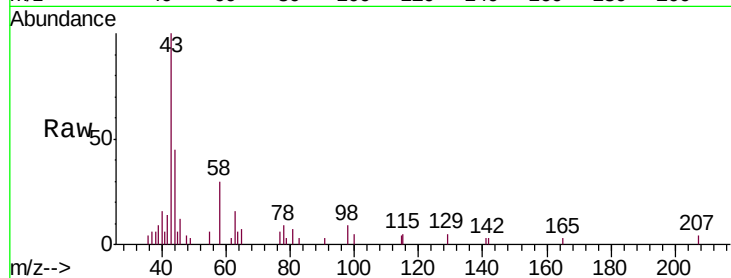
GAHN9

Tgt Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

58 21.6 0.0 60.0



#16

Methylene chloride

Concen: 6.224 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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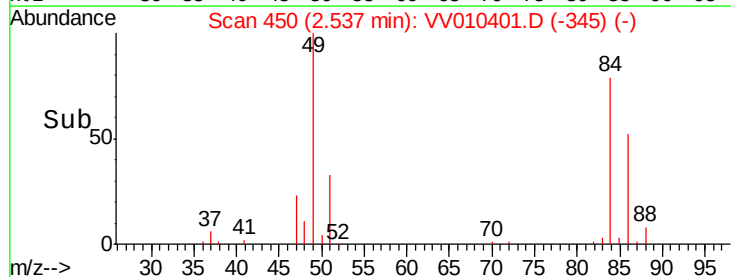
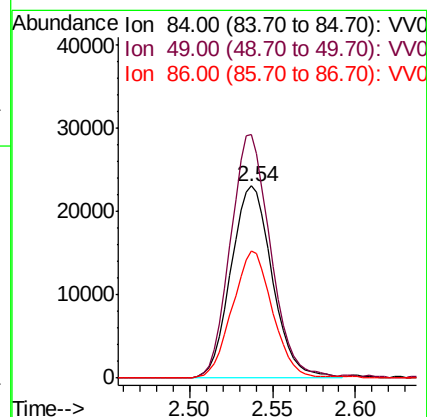
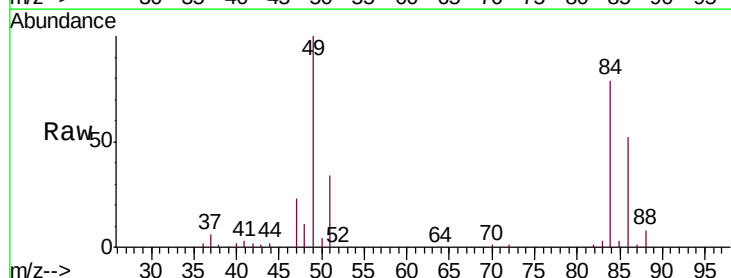
Tgt Ion: 84 Resp: 39963

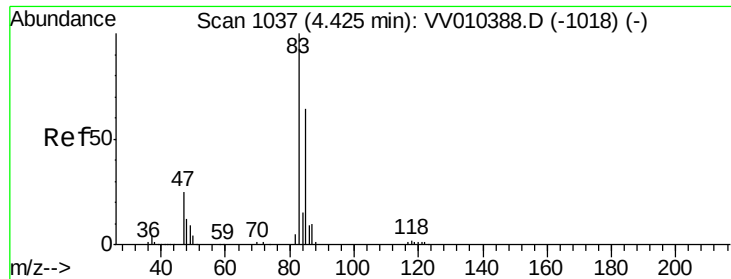
Ion Ratio Lower Upper

84 100

49 126.9 83.8 155.6

86 66.2 46.1 85.5

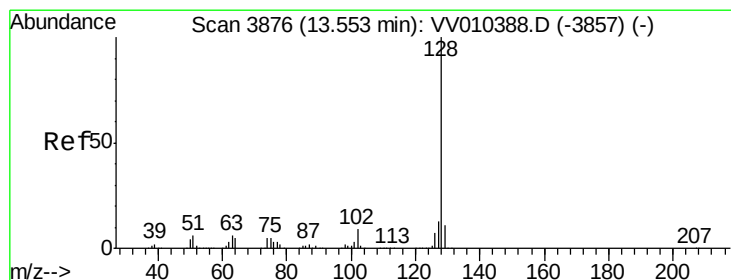
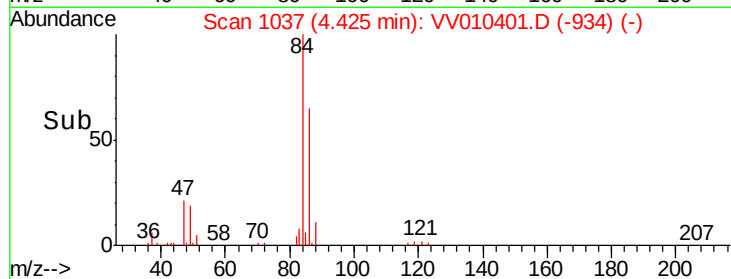
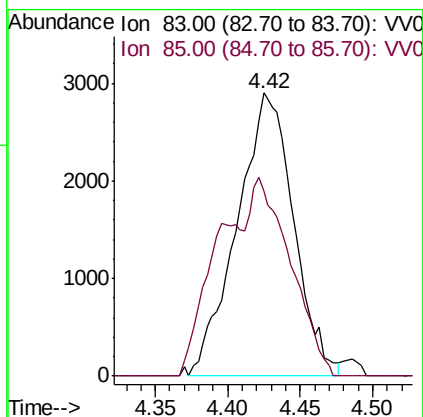
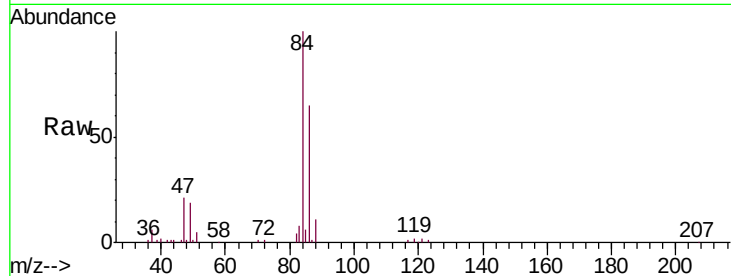




#25
Chloroform
Concen: 0.797 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 7857
Ion Ratio Lower Upper
83 100
85 50.8 46.5 86.5



#69
Naphthalene
Concen: 1.057 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV010401.D
Acq: 19 Apr 2019 23:37

Tgt Ion: 128 Resp: 16323
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 12.8 10.7 16.1

