

Data File : VV010391.D
Acq On : 19 Apr 2019 19:05
Operator : SY/MD
Sample : K2456-06
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP4

Quant Time: Apr 20 04:37:52 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	444327	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	220543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117545	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	1.58	69	104810	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	2.13	63	194438	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	3.93	46	56229	32.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.00%
24) Chloroform-d	4.40	84	224568	19.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.88%
26) 1,2-Dichloroethane-d4	5.08	65	147742	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	5.10	84	445476	20.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.36%
33) 1,2-Dichloropropane-d6	6.12	67	135578	21.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.64%
37) Toluene-d8	7.36	98	417101	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.24%
38) trans-1,3-Dichloropropene-	7.66	79	57669	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.20%
39) 2-Hexanone-d5	8.13	63	44495	31.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	109594	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	179480	20.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.80%

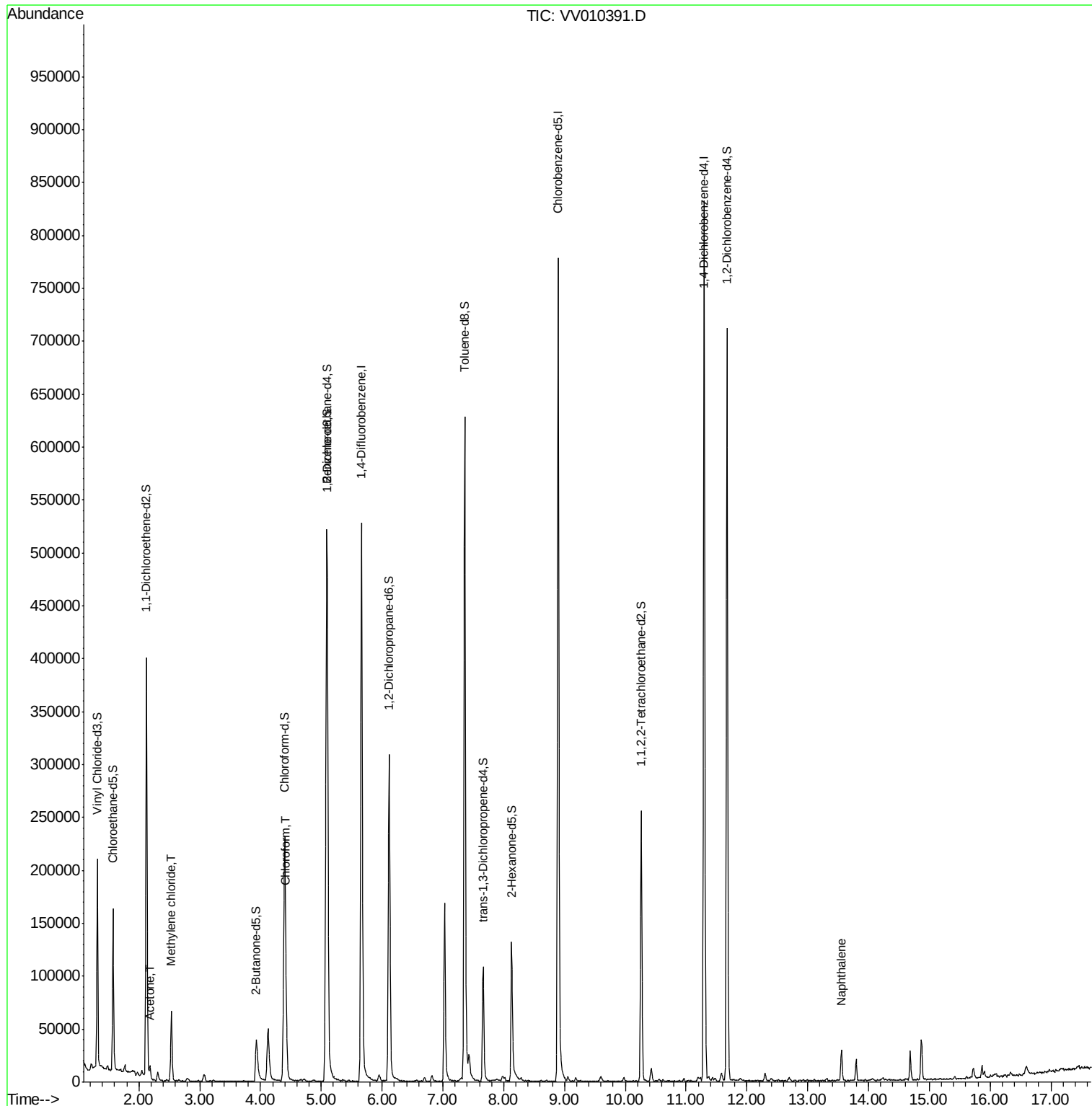
Target Compounds					Qvalue
13) Acetone	2.19	43	5289	2.852 ug/L	89
16) Methylene chloride	2.53	84	25647	3.614 ug/L	90
25) Chloroform	4.42	83	22491	2.063 ug/L #	46
69) Naphthalene	13.55	128	22516	1.364 ug/L	97

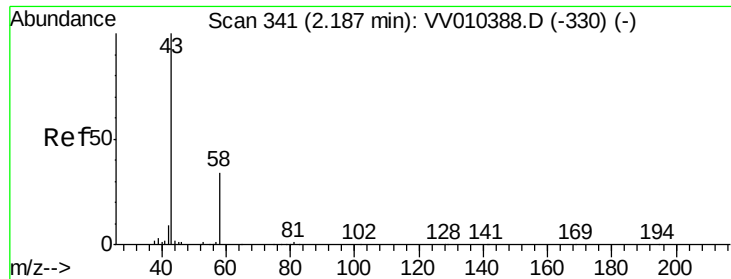
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.852 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

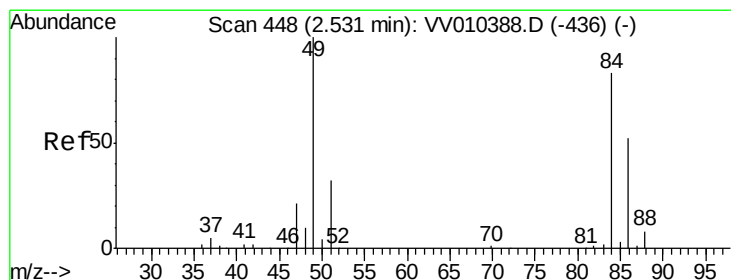
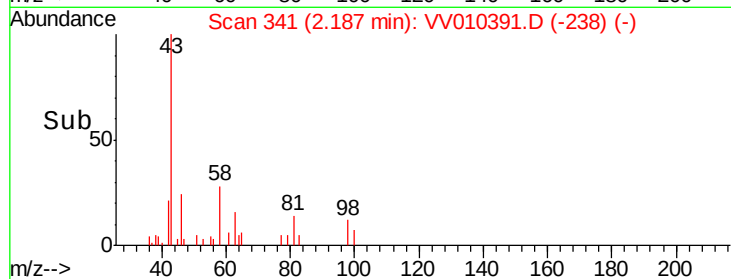
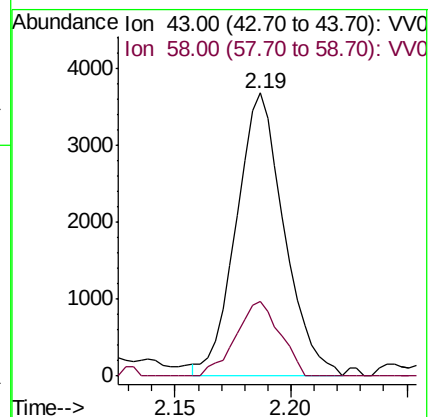
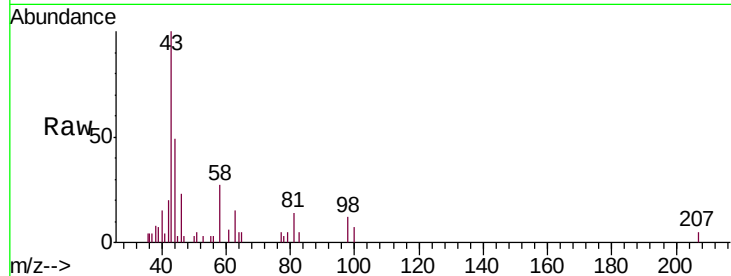
GAHP4

Tgt Ion: 43 Resp: 5289

Ion Ratio Lower Upper

43 100

58 24.1 0.0 60.0



#16

Methylene chloride

Concen: 3.614 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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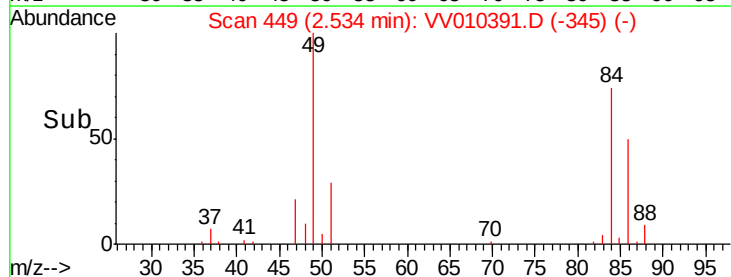
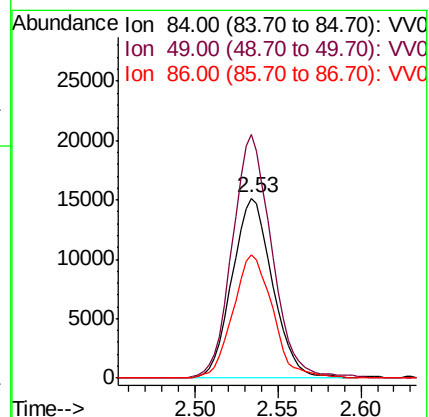
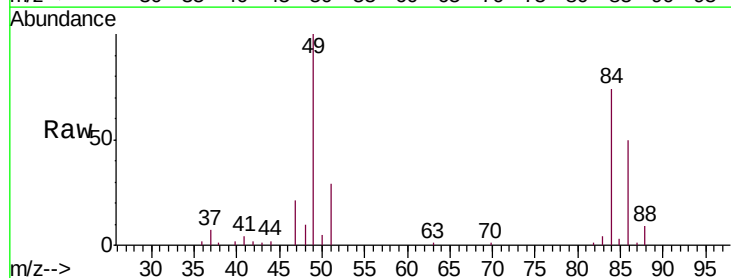
Tgt Ion: 84 Resp: 25647

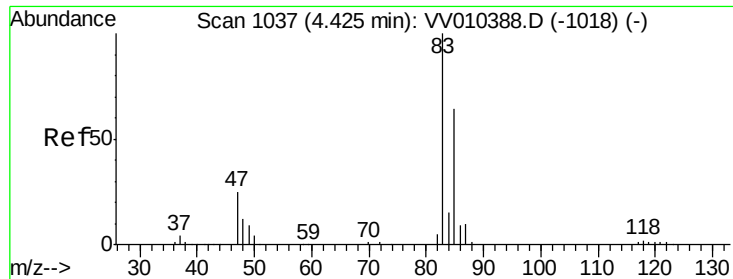
Ion Ratio Lower Upper

84 100

49 135.4 83.8 155.6

86 68.3 46.1 85.5

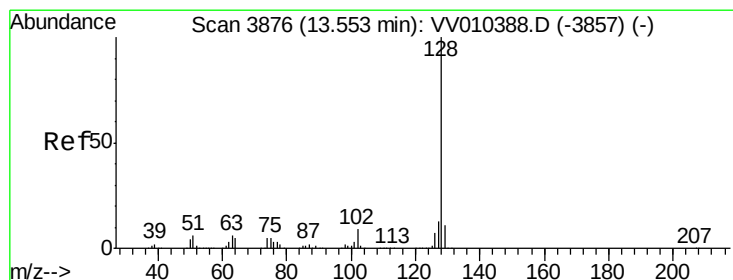
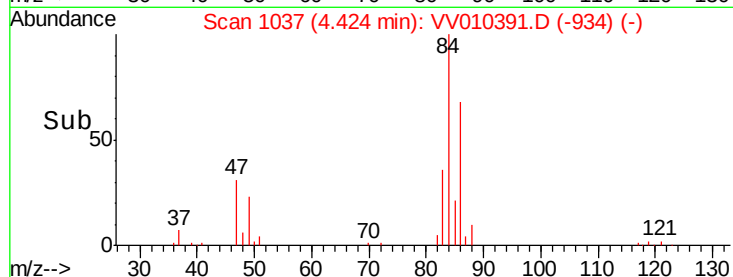
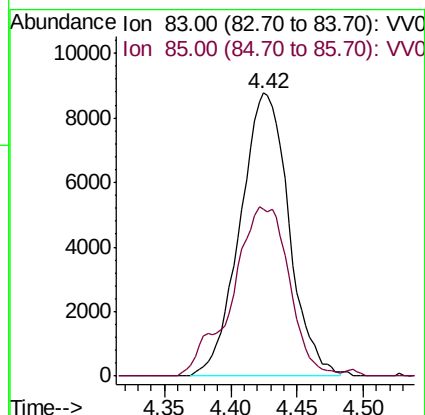
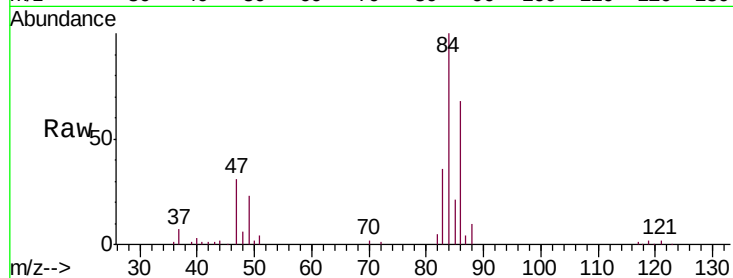




#25
Chloroform
Concen: 2.063 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 22491
Ion Ratio Lower Upper
83 100
85 23.2 46.5 86.5#



#69
Naphthalene
Concen: 1.364 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV010391.D
Acq: 19 Apr 2019 19:05

Tgt Ion: 128 Resp: 22516
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 12.7 10.7 16.1

