

Data File : VV009940.D
Acq On : 27 Mar 2019 21:44
Operator : SY/MD
Sample : K2128-02
Misc : 4.80G/10mL/MSVOA_V/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L3

Quant Time: Mar 28 07:20:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161461	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75200	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
7) Chloroethane-d5	1.56	69	85617	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
10) 1,1-Dichloroethene-d2	2.12	63	167270	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.64%
20) 2-Butanone-d5	3.93	46	32270	52.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.70%
24) Chloroform-d	4.40	84	88446	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	65933	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.52%
29) Benzene-d6	5.10	84	223661	26.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.24%
33) 1,2-Dichloropropane-d6	6.12	67	68620	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.36%
37) Toluene-d8	7.36	98	200216	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	7.66	79	21161	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	8.13	63	22249	47.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54968	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	69227	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds

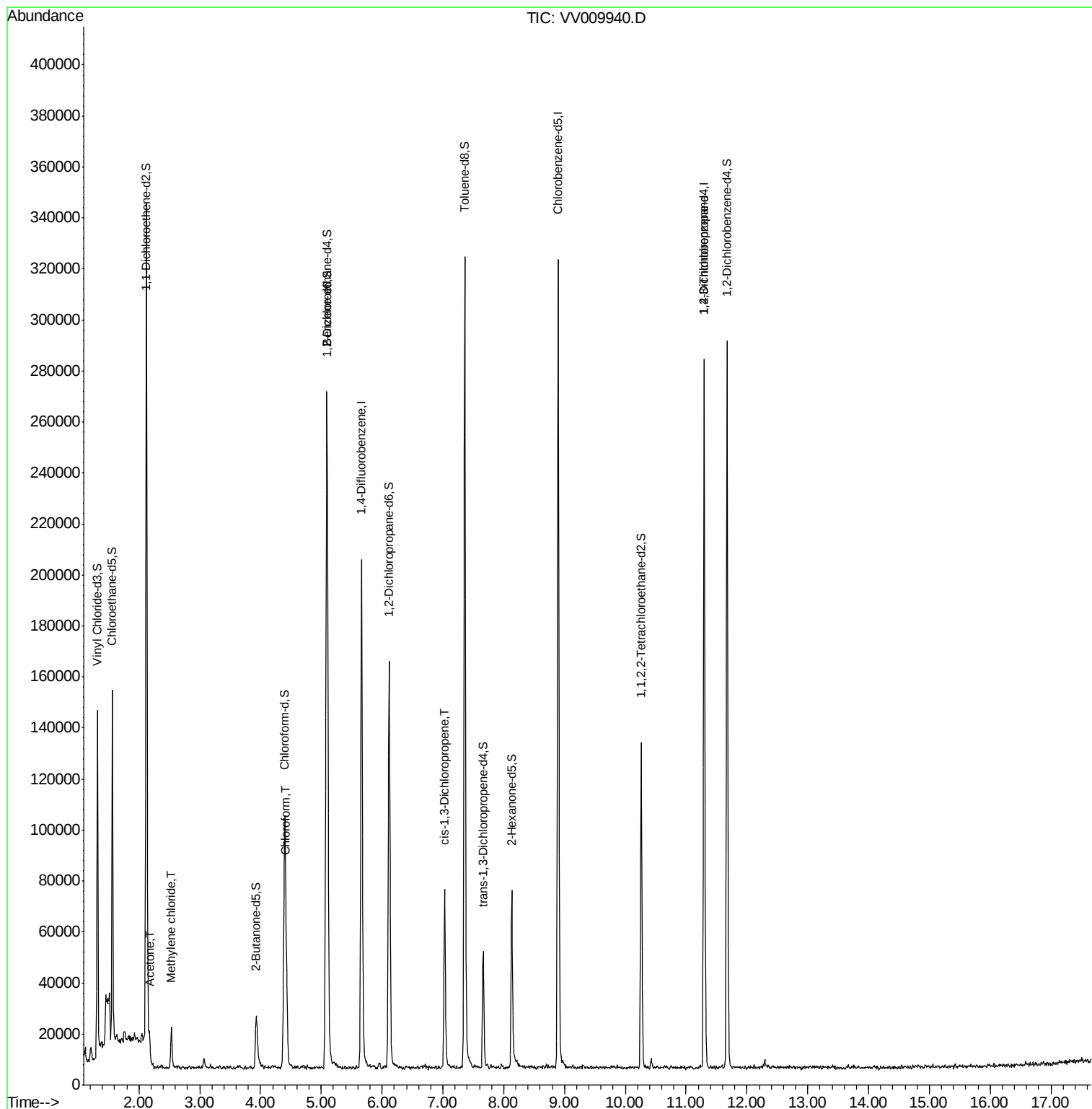
					Qvalue
13) Acetone	2.18	43	630	0.682 ug/L	98
16) Methylene chloride	2.53	84	5911	2.223 ug/L	97
25) Chloroform	4.43	83	22130	5.173 ug/L #	59
42) cis-1,3-Dichloropropene	7.03	75	1963	0.606 ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	10807	6.047 ug/L	94

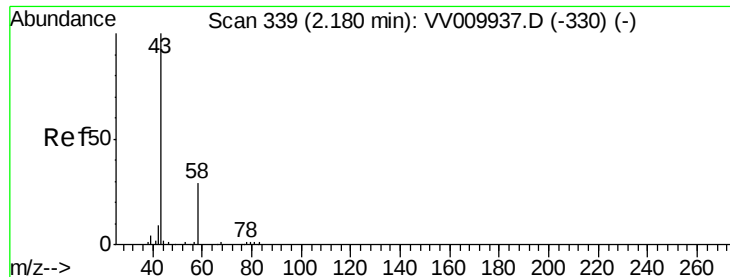
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.682 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV009940.D

Acq: 27 Mar 2019 21:44

Instrument :

MSVOA_V

ClientSampled :

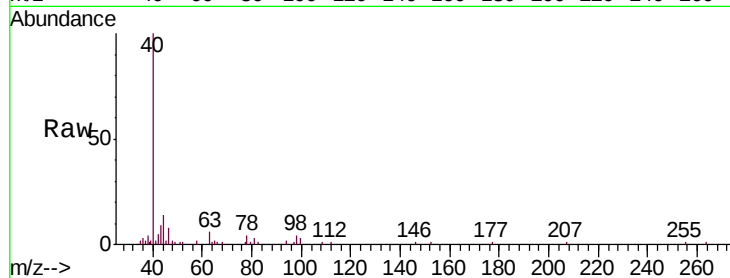
BFOL3

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

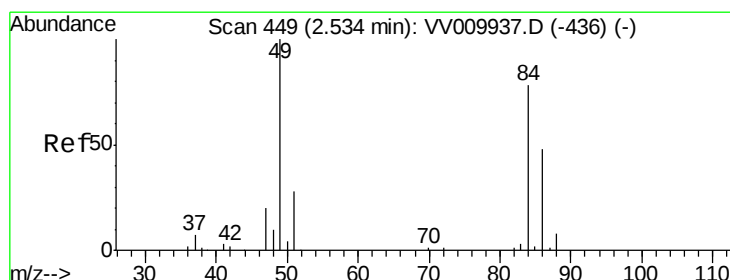
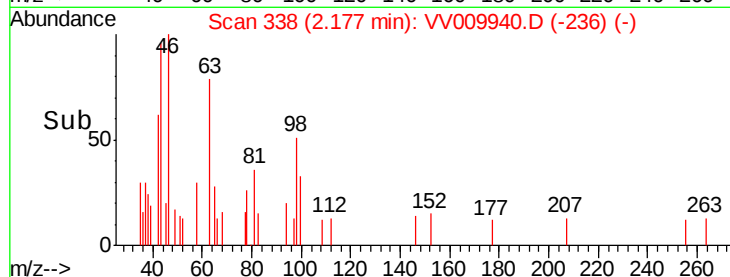
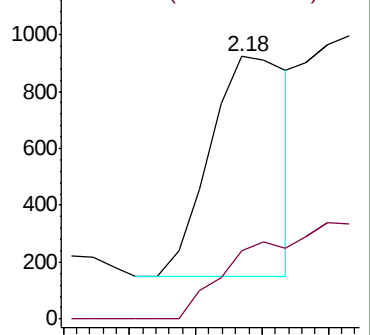
43 100

58 31.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009937.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV009937.D (-330) (-)



#16

Methylene chloride

Concen: 2.223 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009940.D

Acq: 27 Mar 2019 21:44

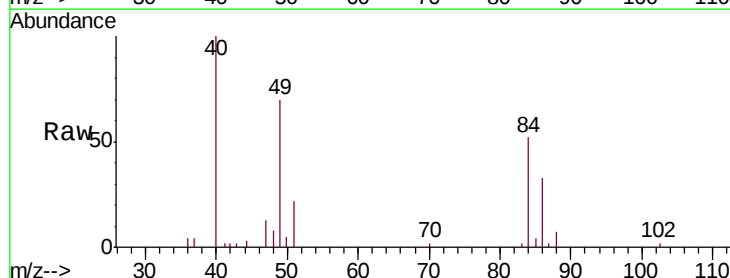
Tgt Ion: 84 Resp: 5911

Ion Ratio Lower Upper

84 100

49 134.0 90.4 167.8

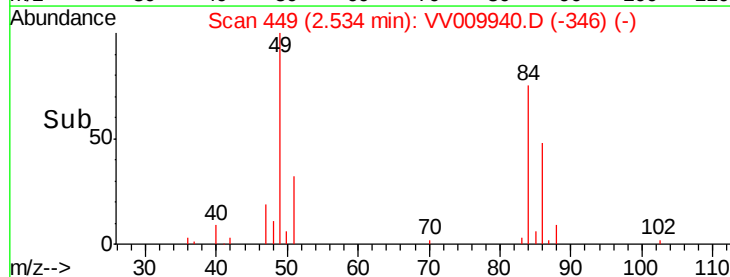
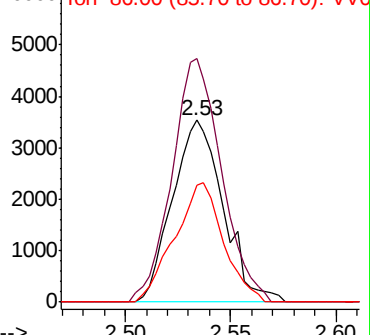
86 64.1 44.0 81.6

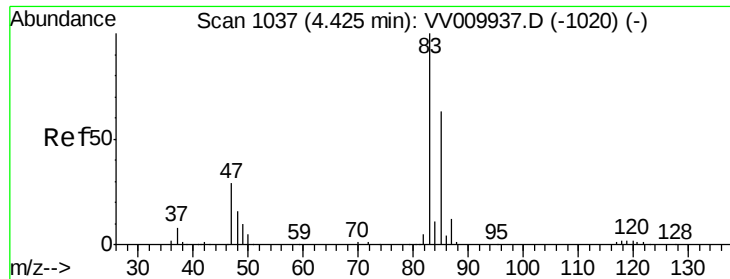


Abundance Ion 84.00 (83.70 to 84.70): VV009937.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009937.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009937.D (-436) (-)

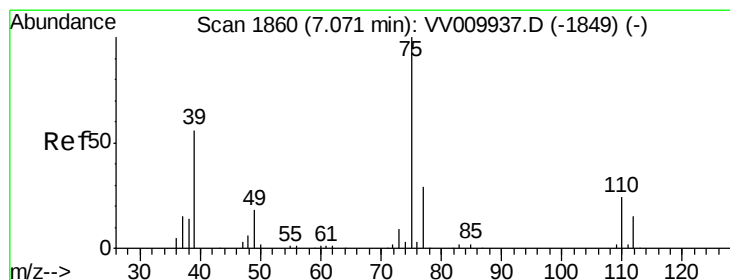
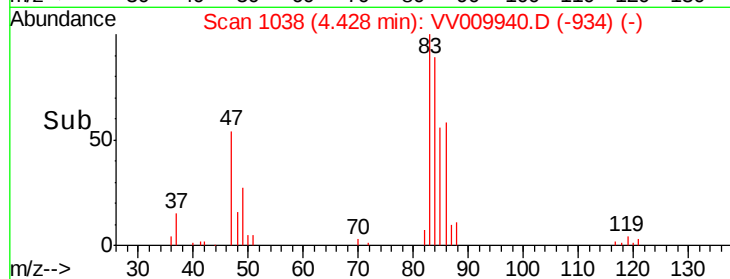
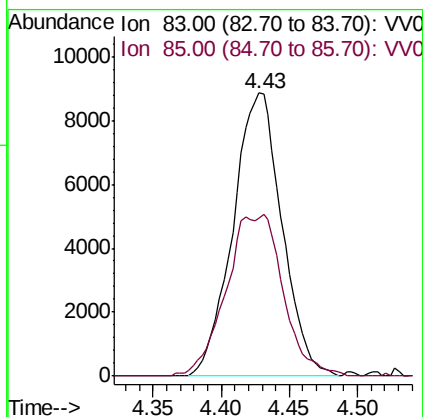
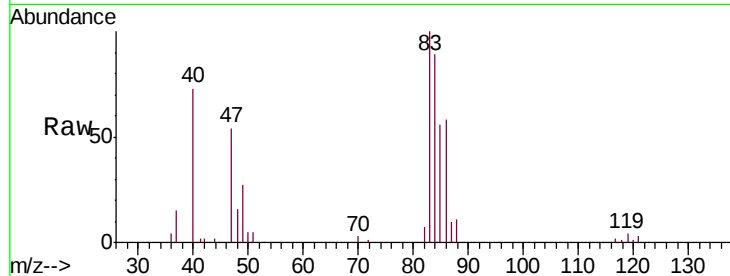




#25
Chloroform
Concen: 5.173 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009940.D
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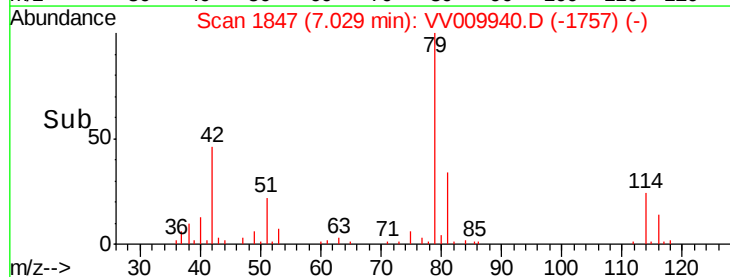
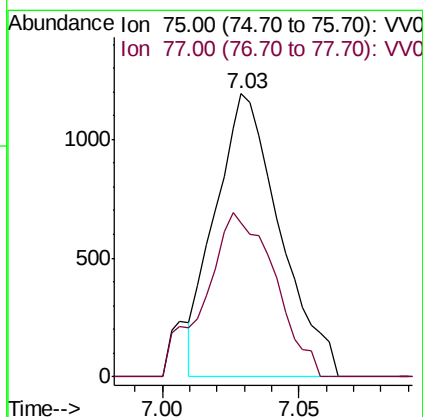
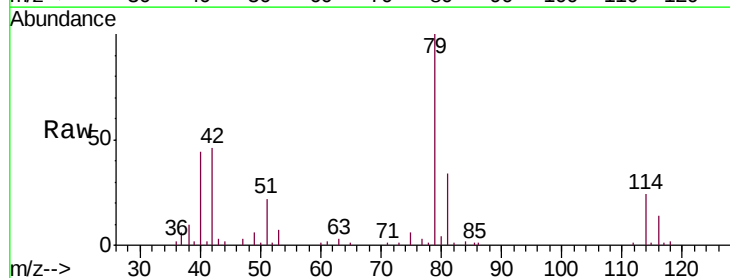
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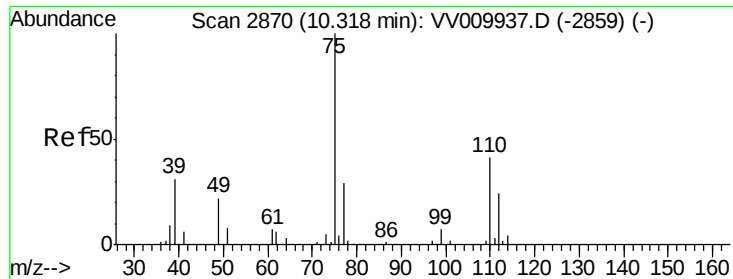
Tgt Ion: 83 Resp: 22130
Ion Ratio Lower Upper
83 100
85 33.3 46.1 85.7#



#42
cis-1,3-Dichloropropene
Concen: 0.606 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009940.D
Acq: 27 Mar 2019 21:44

Tgt Ion: 75 Resp: 1963
Ion Ratio Lower Upper
75 100
77 54.5 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 6.047 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009940.D

Acq: 27 Mar 2019 21:44

Instrument :

MSVOA_V

ClientSampleId :

BF0L3

Tgt Ion: 75 Resp: 10807

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2

