

Data File : VV009977.D
Acq On : 28 Mar 2019 20:15
Operator : SY/MD
Sample : K2085-13
Misc : 4.54G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T8

Quant Time: Mar 29 02:25:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124022	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47934	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	61287	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	2.13	63	109924	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	3.93	46	26714	56.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.92%
24) Chloroform-d	4.40	84	79186	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	5.08	65	54955	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.60%
29) Benzene-d6	5.10	84	162837	24.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.16%
33) 1,2-Dichloropropane-d6	6.12	67	52614	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.28%
37) Toluene-d8	7.36	98	143220	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	7.66	79	18005	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	8.13	63	17588	48.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50091	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	54018	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

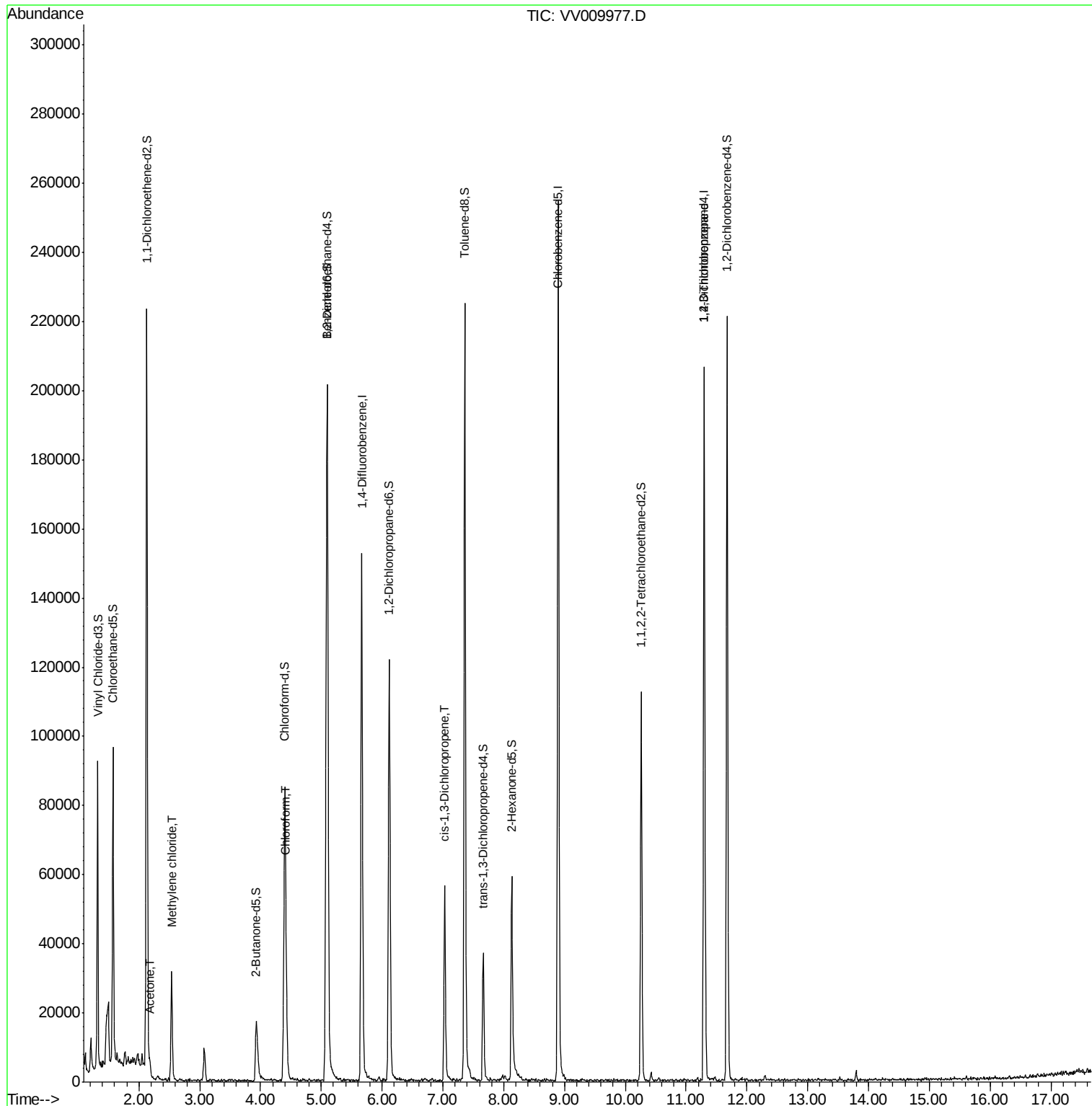
					Qvalue
13) Acetone	2.19	43	1972	2.777 ug/L	98
16) Methylene chloride	2.54	84	12026	5.888 ug/L	96
25) Chloroform	4.43	83	6262	1.906 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	1788	0.700 ug/L	85
59) 1,2,3-Trichloropropane	11.30	75	8749	6.207 ug/L #	87

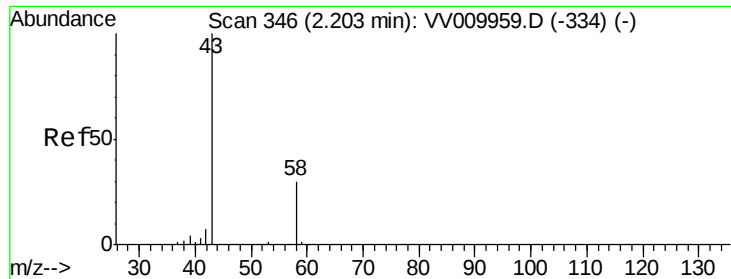
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
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#13

Acetone

Concen: 2.777 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV009977.D

Acq: 28 Mar 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

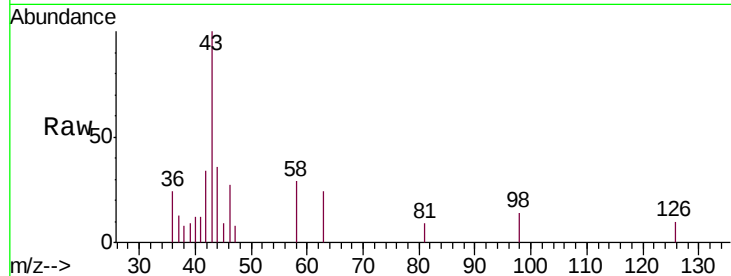
BF7T8

Tgt Ion: 43 Resp: 1972

Ion Ratio Lower Upper

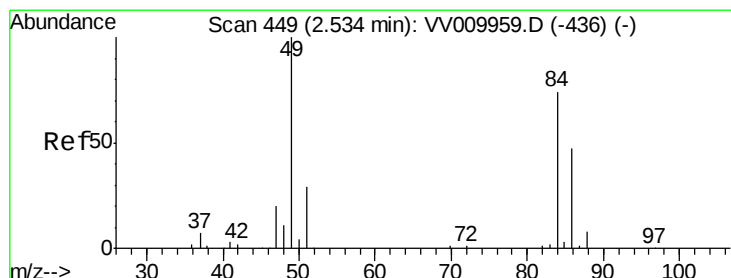
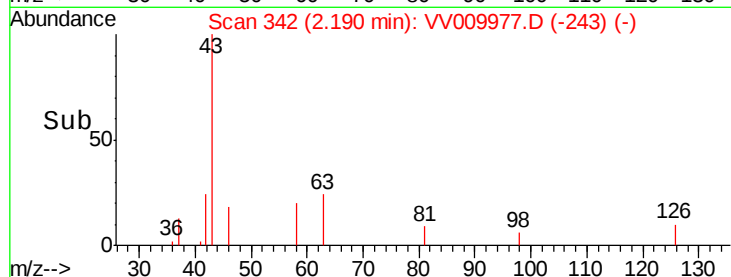
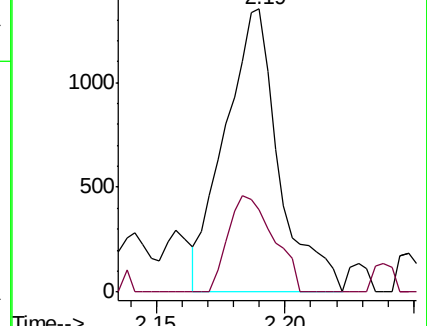
43 100

58 28.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)



#16

Methylene chloride

Concen: 5.888 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009977.D

Acq: 28 Mar 2019 20:15

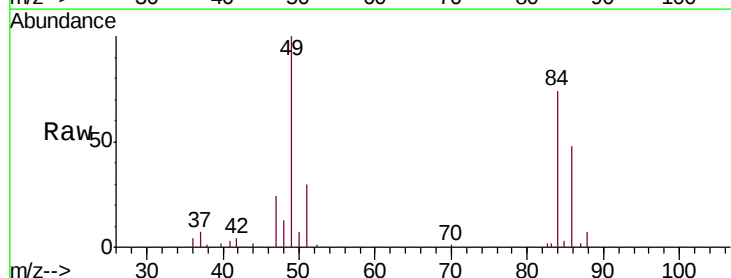
Tgt Ion: 84 Resp: 12026

Ion Ratio Lower Upper

84 100

49 135.1 90.4 167.8

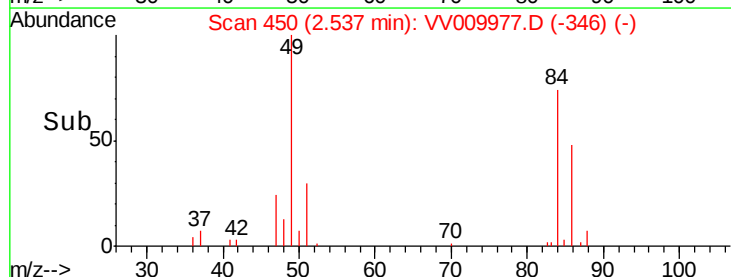
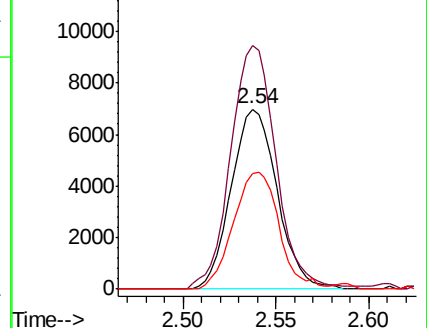
86 64.4 44.0 81.6

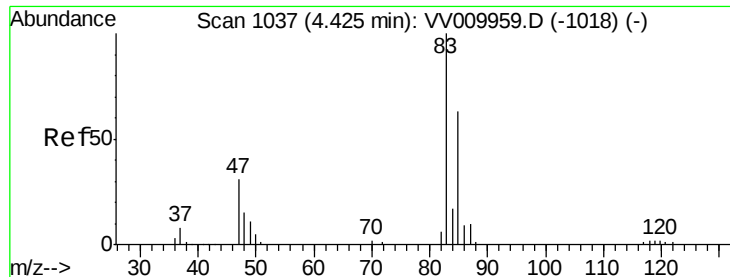


Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)

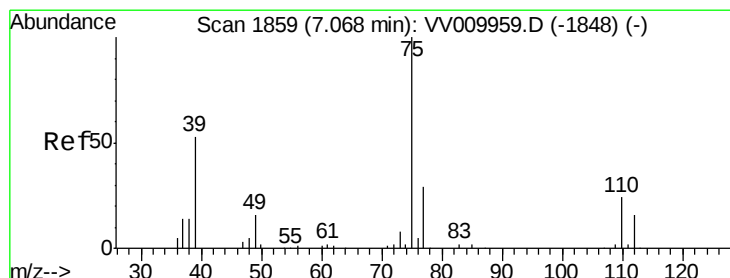
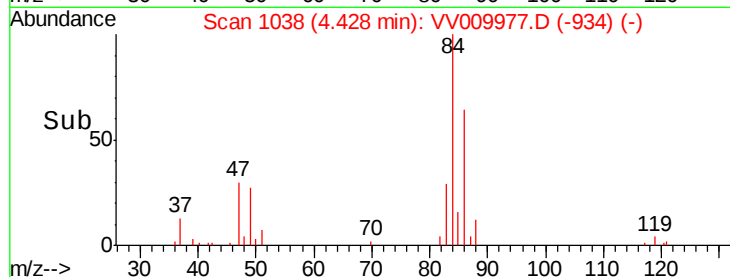
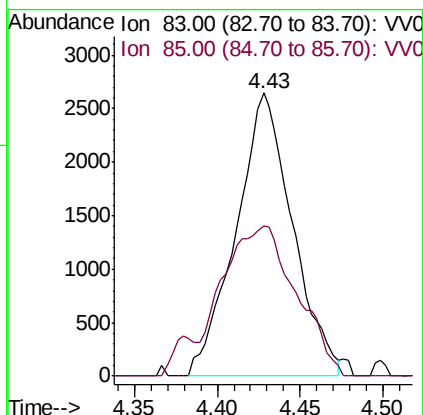
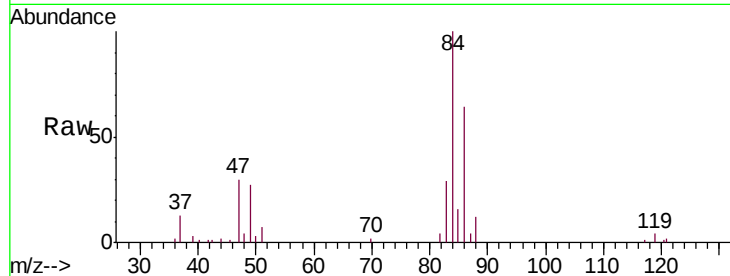




#25
Chloroform
Concen: 1.906 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009977.D
Acq: 28 Mar 2019 20:15

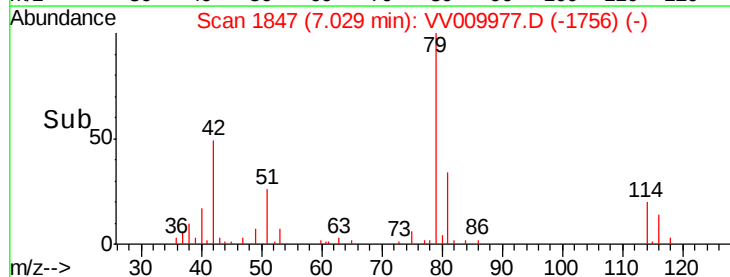
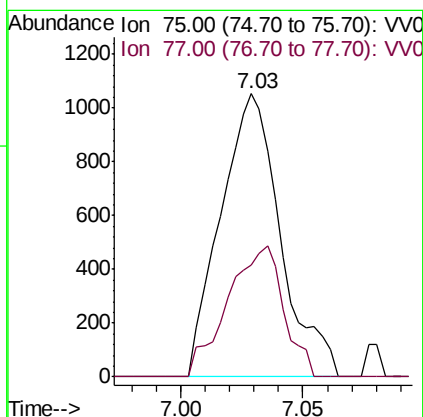
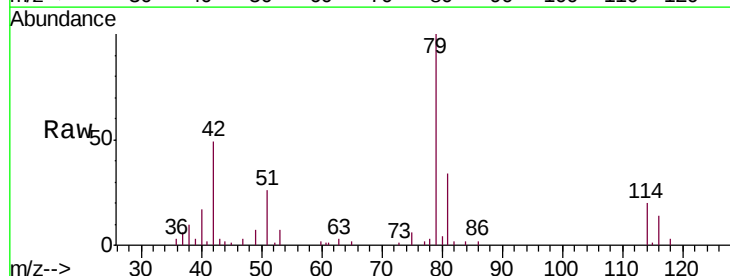
Instrument :
MSVOA_V
ClientSampled :
BF7T8

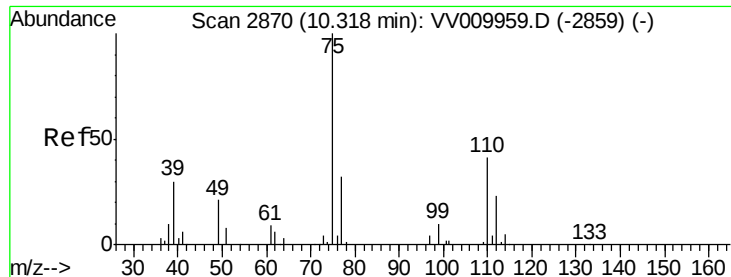
Tgt Ion: 83 Resp: 6262
Ion Ratio Lower Upper
83 100
85 68.5 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009977.D
Acq: 28 Mar 2019 20:15

Tgt Ion: 75 Resp: 1788
Ion Ratio Lower Upper
75 100
77 39.6 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 6.207 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009977.D

Acq: 28 Mar 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

BF7T8

Tgt Ion: 75 Resp: 8749

Ion Ratio Lower Upper

75 100

77 39.8 26.2 39.2#

