

Data File : VV009661.D
Acq On : 14 Mar 2019 13:14
Operator : SY/MD
Sample : K1838-16
Misc : 5.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF178

Quant Time: Mar 15 04:32:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115377	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47856	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19556	13.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.04%
7) Chloroethane-d5	1.57	69	22810	12.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.12%
10) 1,1-Dichloroethene-d2	2.12	63	43192	10.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.32%#
20) 2-Butanone-d5	3.92	46	24575	63.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.18%
24) Chloroform-d	4.40	84	53942	18.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.36%
26) 1,2-Dichloroethane-d4	5.08	65	36576	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	5.09	84	105599	18.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.72%
33) 1,2-Dichloropropane-d6	6.12	67	35990	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.80%
37) Toluene-d8	7.36	98	96079	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.36%
38) trans-1,3-Dichloropropene-	7.66	79	15065	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	8.13	63	18018	57.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42821	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	38554	20.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.20%

Target Compounds

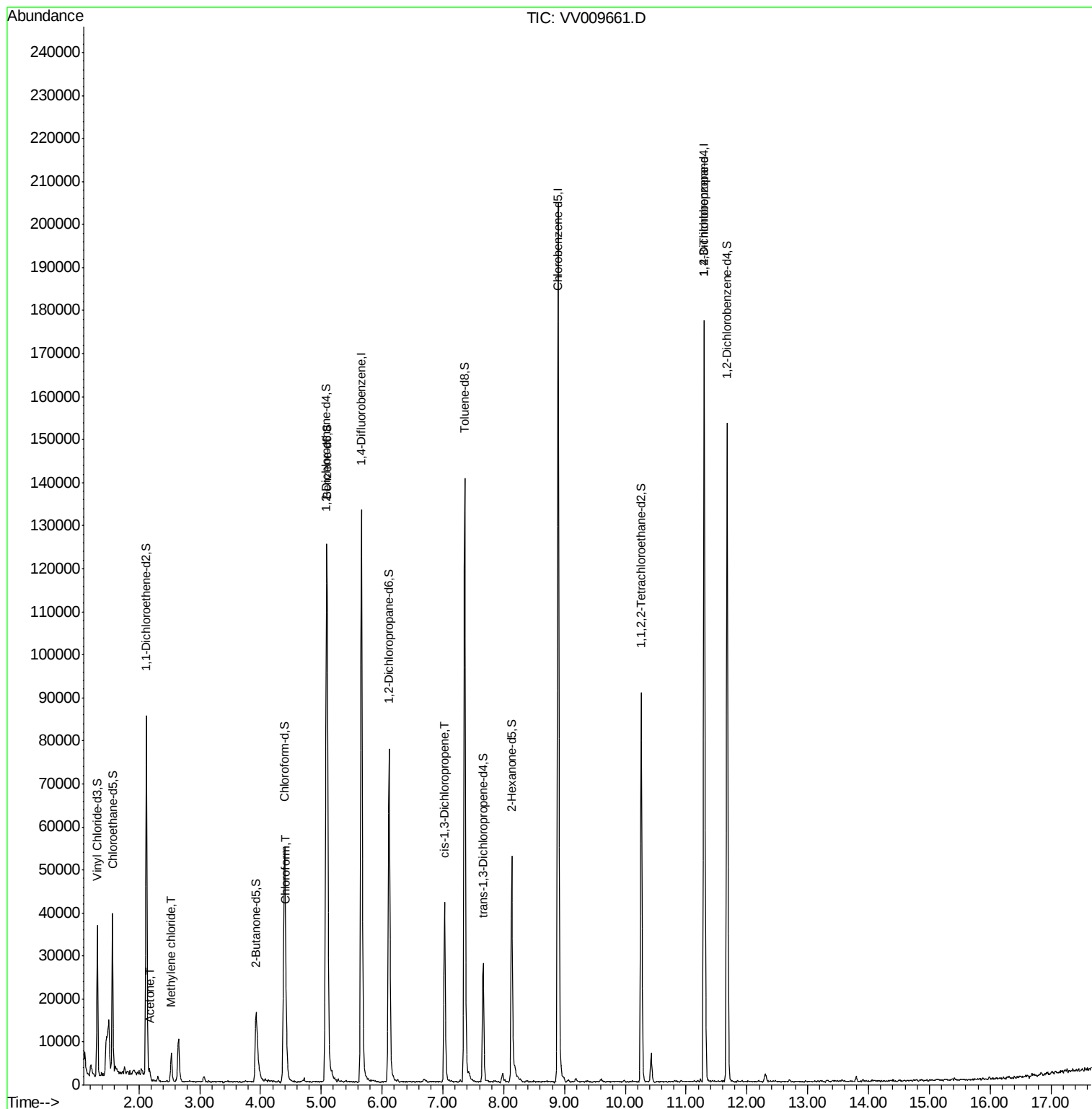
					Qvalue
13) Acetone	2.18	43	969	2.080 ug/L	84
16) Methylene chloride	2.53	84	3006	1.790 ug/L	81
25) Chloroform	4.42	83	6290	2.098 ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	1317	0.569 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	7101	5.985 ug/L	96

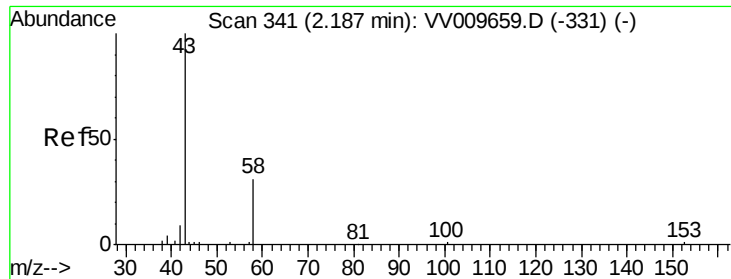
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.080 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV009661.D

Acq: 14 Mar 2019 13:14

Instrument :

MSVOA_V

ClientSampled :

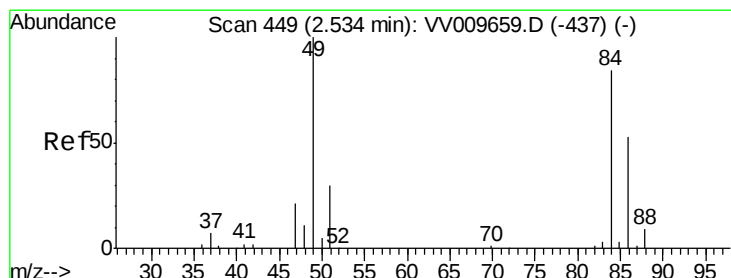
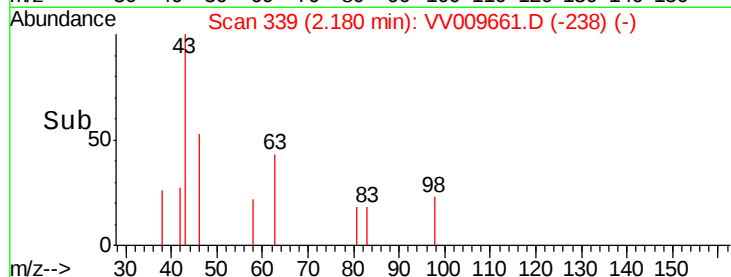
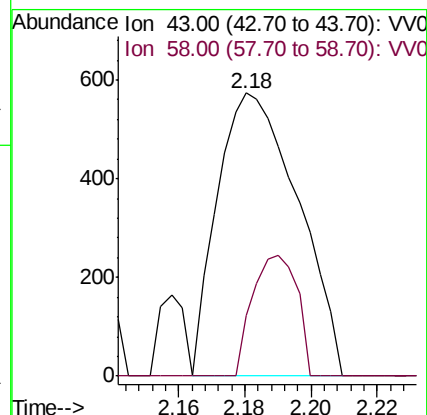
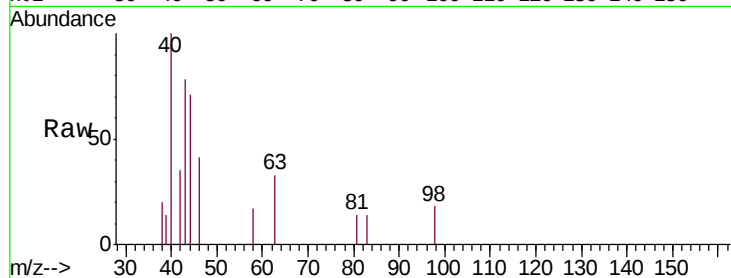
BF178

Tgt Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

58 23.5 0.0 64.8



#16

Methylene chloride

Concen: 1.790 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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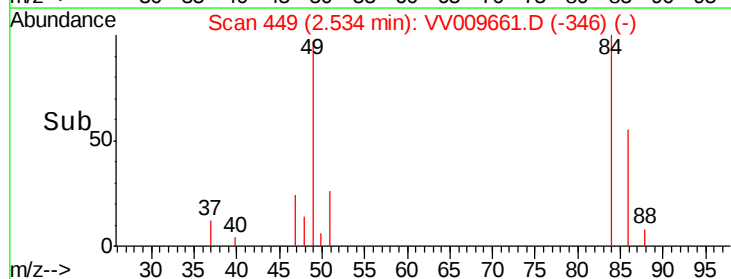
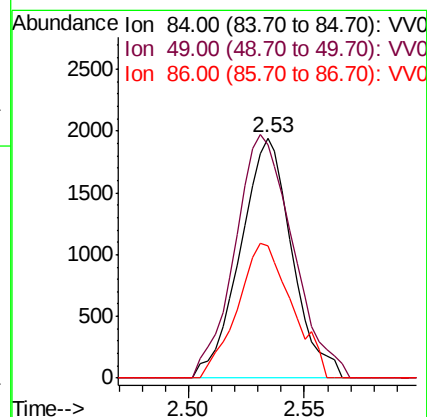
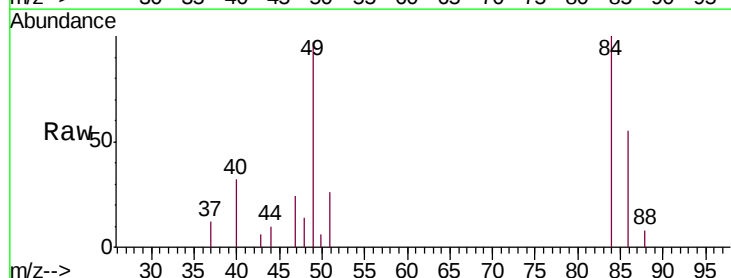
Tgt Ion: 84 Resp: 3006

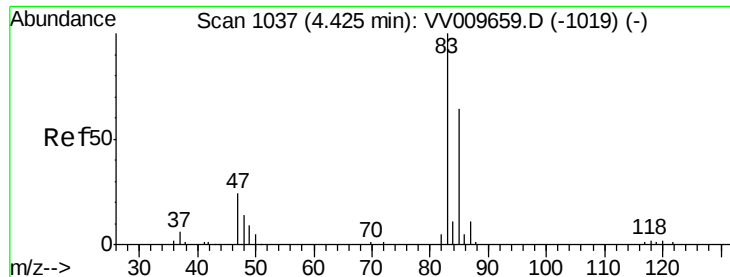
Ion Ratio Lower Upper

84 100

49 97.2 86.1 159.9

86 55.1 45.2 84.0

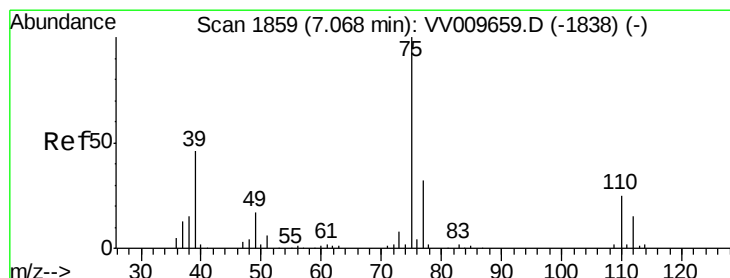
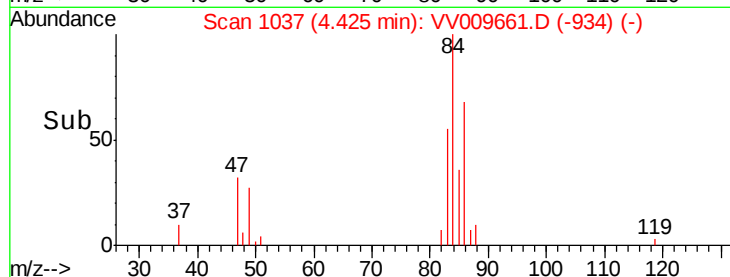
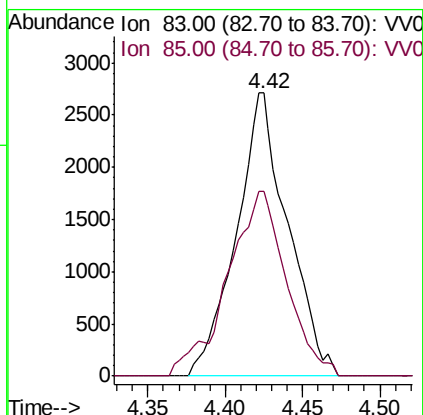
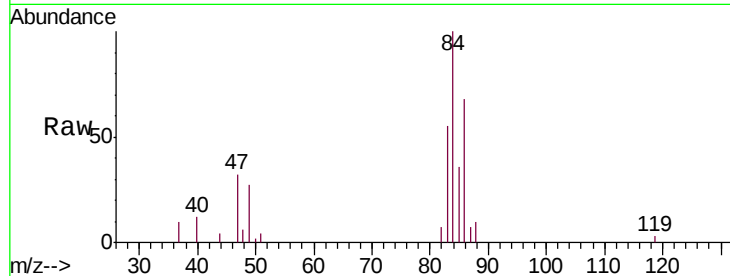




#25
Chloroform
Concen: 2.098 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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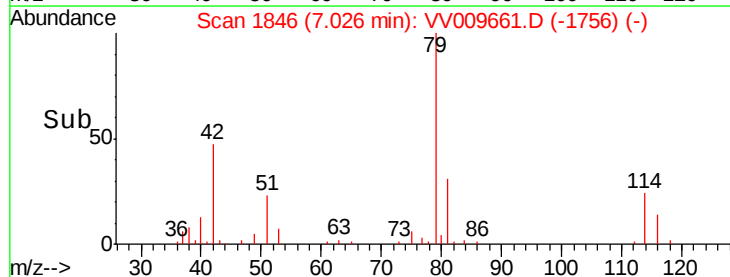
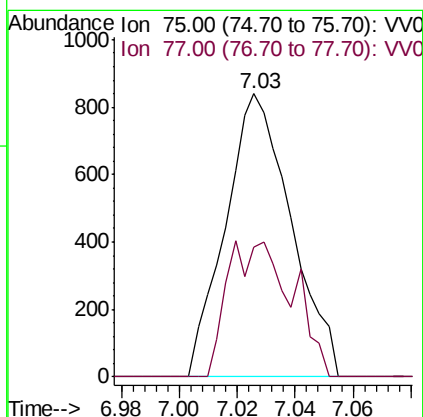
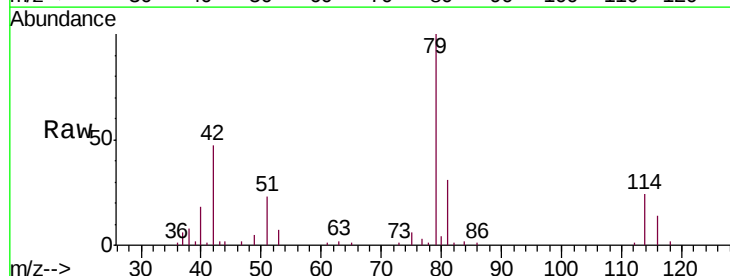
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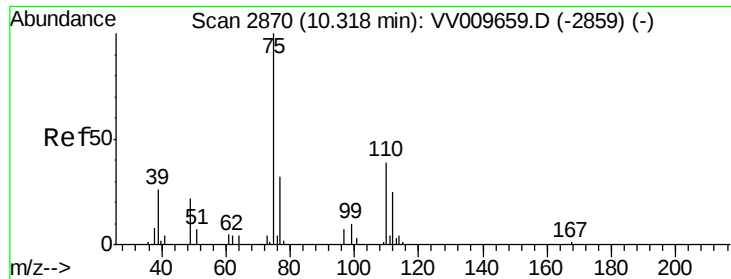
Tgt Ion: 83 Resp: 6290
Ion Ratio Lower Upper
83 100
85 62.2 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.569 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009661.D
Acq: 14 Mar 2019 13:14

Tgt Ion: 75 Resp: 1317
Ion Ratio Lower Upper
75 100
77 45.9 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.985 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009661.D

Acq: 14 Mar 2019 13:14

Instrument :

MSVOA_V

ClientSampleId :

BF178

Tgt Ion: 75 Resp: 7101

Ion Ratio Lower Upper

75 100

77 33.8 25.3 37.9

