

Data File : VV010076.D
Acq On : 02 Apr 2019 23:42
Operator : SY/MD
Sample : K2148-13
Misc : 5.47G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5G0

Quant Time: Apr 03 06:51:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212520	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39602	13.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.68%
7) Chloroethane-d5	1.57	69	69701	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
10) 1,1-Dichloroethene-d2	2.13	63	89279	12.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.76%
20) 2-Butanone-d5	3.95	46	31087	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	4.40	84	136234	25.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.08	65	88578	29.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.28%
29) Benzene-d6	5.10	84	267576	26.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.40%
33) 1,2-Dichloropropane-d6	6.12	67	90274	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.36%
37) Toluene-d8	7.36	98	234724	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.08%
38) trans-1,3-Dichloropropene-	7.67	79	26215	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.08%
39) 2-Hexanone-d5	8.14	63	14567	24.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78199	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	70151	26.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.80%

Target Compounds

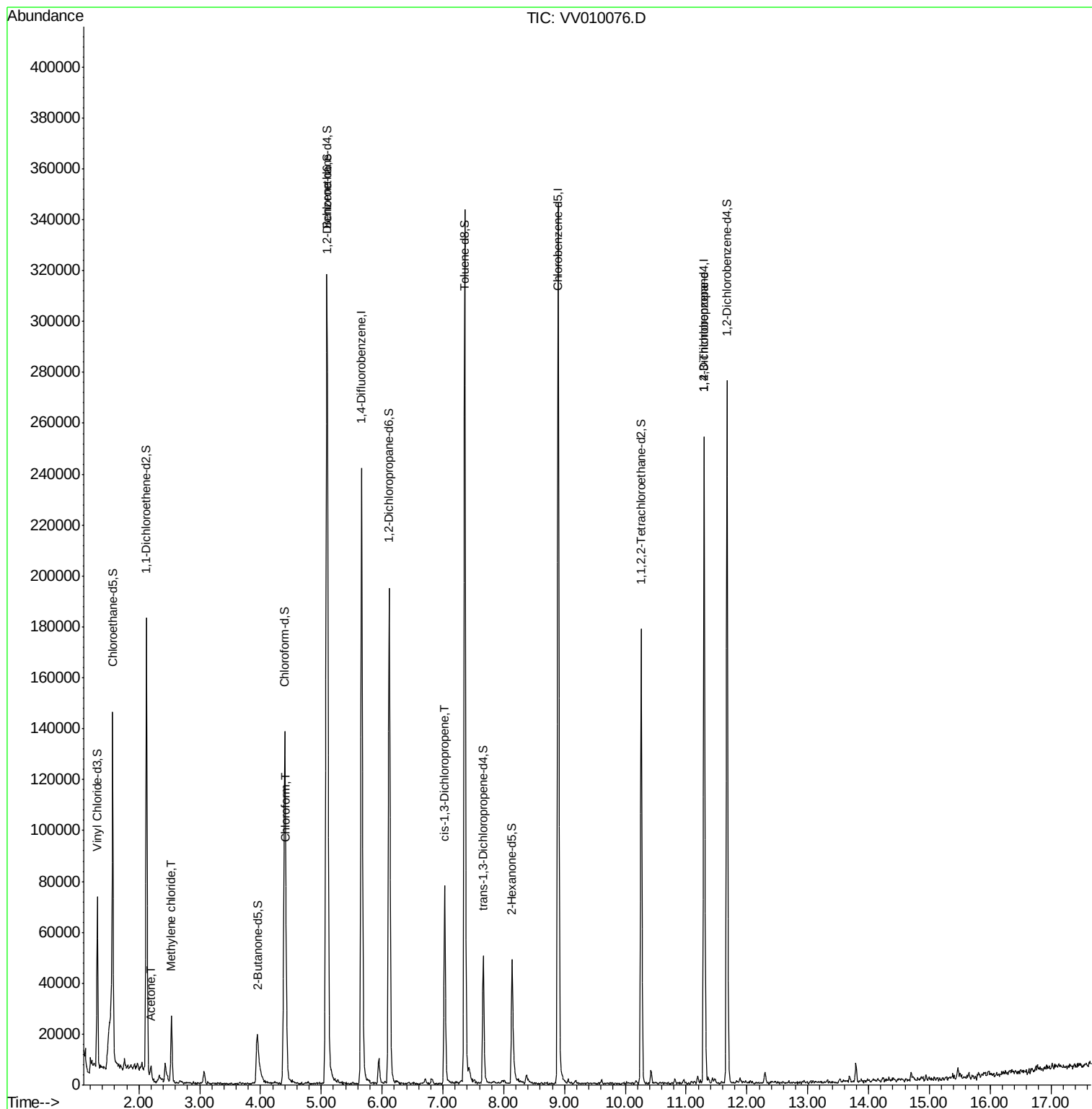
					Qvalue
13) Acetone	2.20	43	6117	7.642 ug/L	99
16) Methylene chloride	2.53	84	10969	2.938 ug/L	94
25) Chloroform	4.43	83	5220	1.080 ug/L #	21
42) cis-1,3-Dichloropropene	7.03	75	2538	0.718 ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	7741	3.881 ug/L #	80

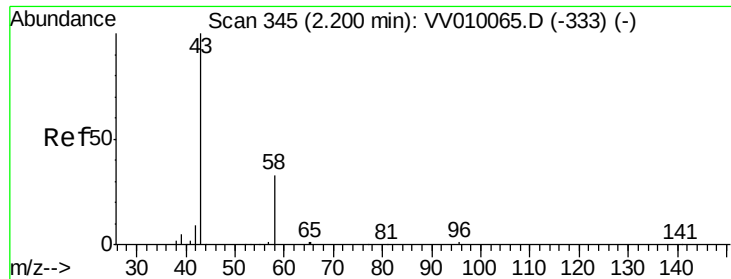
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.642 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

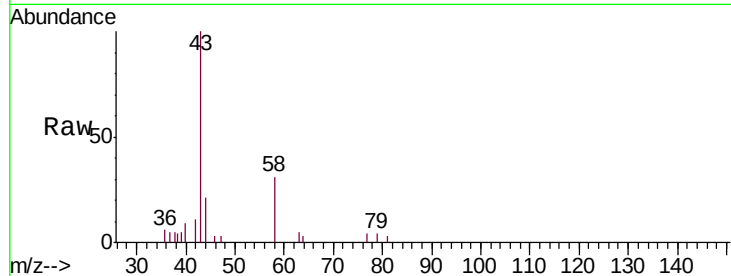
BF5G0

Tgt Ion: 43 Resp: 6117

Ion Ratio Lower Upper

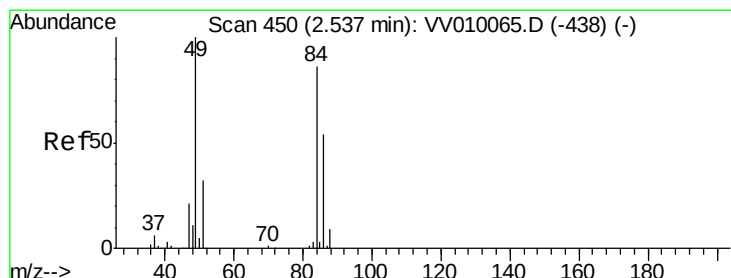
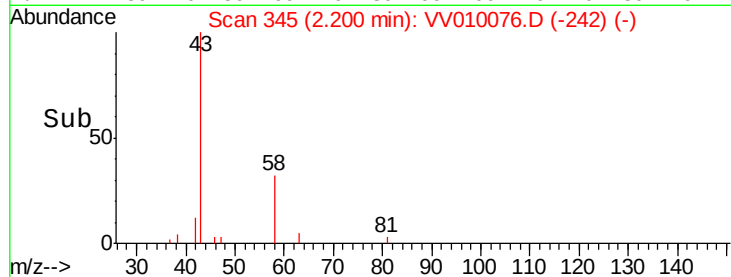
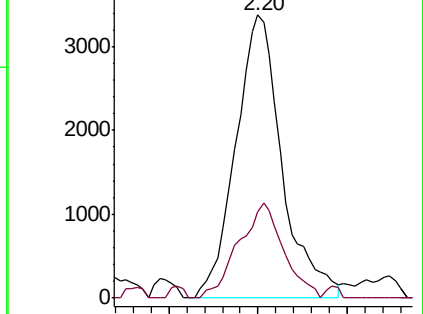
43 100

58 32.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)



#16

Methylene chloride

Concen: 2.938 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010076.D

Acq: 02 Apr 2019 23:42

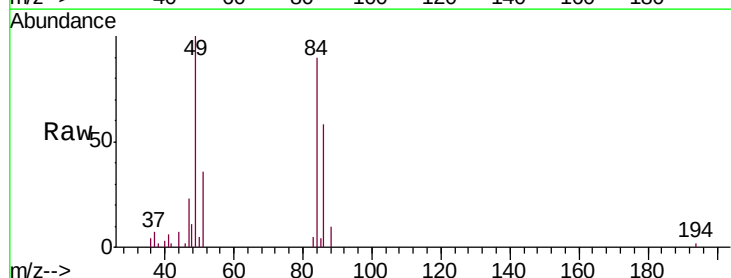
Tgt Ion: 84 Resp: 10969

Ion Ratio Lower Upper

84 100

49 111.2 84.3 156.5

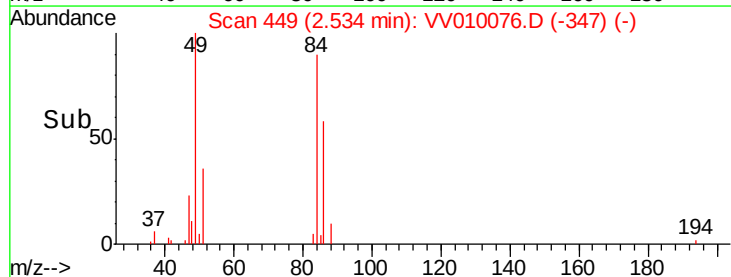
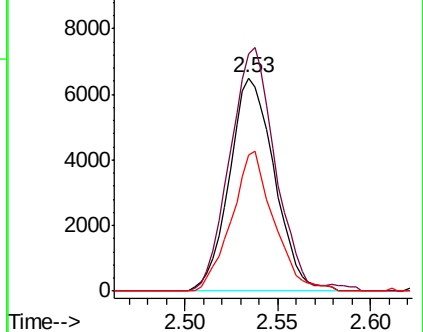
86 64.2 45.4 84.2

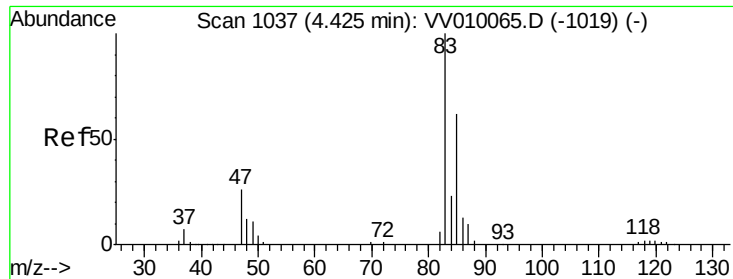


Abundance Ion 84.00 (83.70 to 84.70): VV010065.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010065.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010065.D (-438) (-)

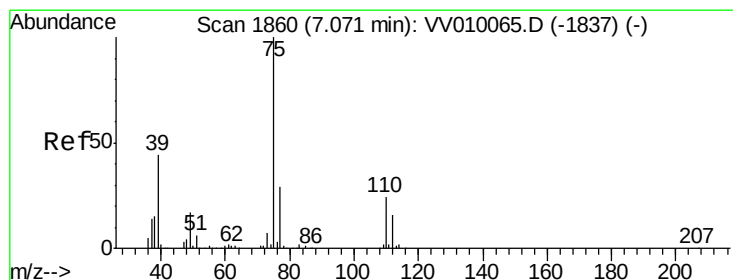
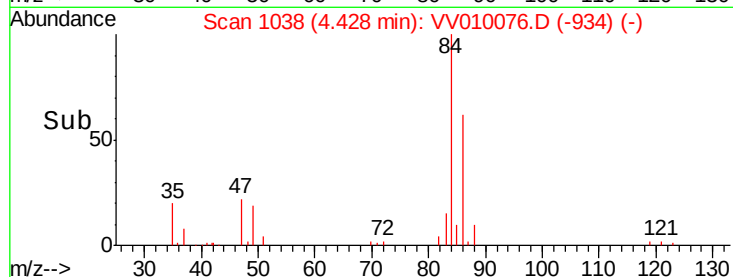
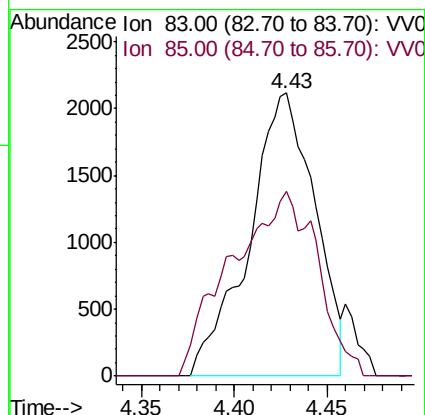
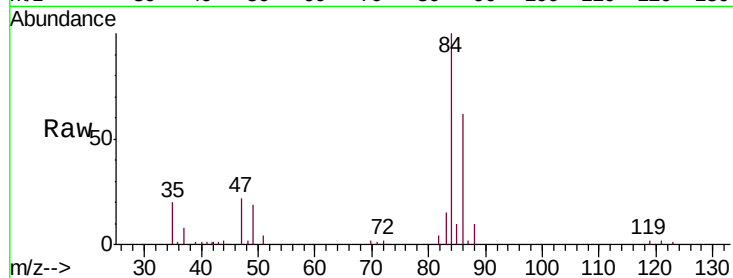




#25
Chloroform
Concen: 1.080 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010076.D
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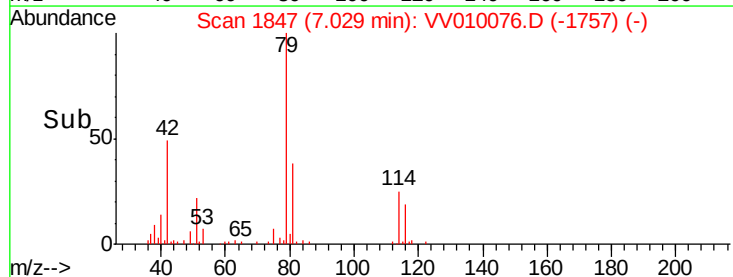
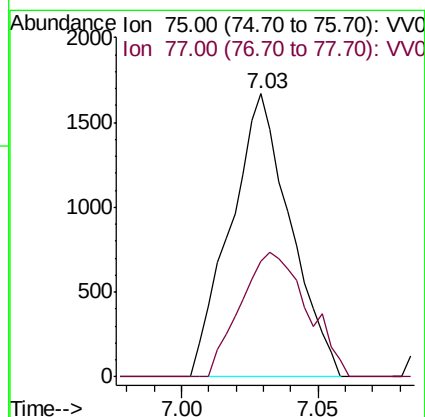
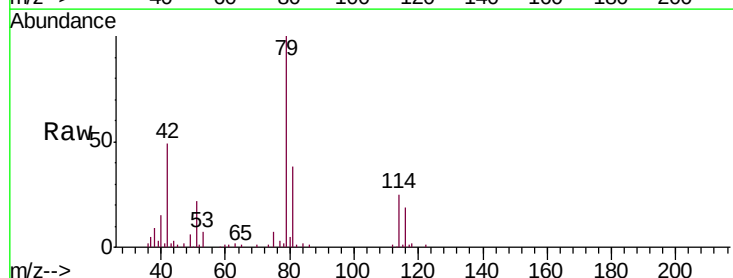
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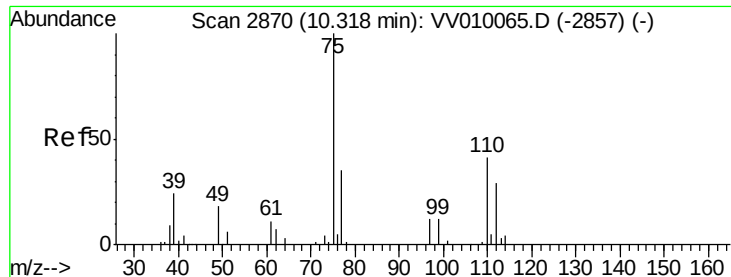
Tgt Ion: 83 Resp: 5220
Ion Ratio Lower Upper
83 100
85 3.4 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010076.D
Acq: 02 Apr 2019 23:42

Tgt Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
77 41.1 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 3.881 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010076.D

Acq: 02 Apr 2019 23:42

Instrument :

MSVOA_V

ClientSampleId :

BF5G0

Tgt Ion: 75 Resp: 7741

Ion Ratio Lower Upper

75 100

77 43.4 25.8 38.8#

