

Data File : VV009651.D
Acq On : 13 Mar 2019 22:16
Operator : SY/MD
Sample : K1794-14
Misc : 3.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5P1

Quant Time: Mar 14 07:42:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103548	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20032	15.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.52%
7) Chloroethane-d5	1.57	69	30512	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
10) 1,1-Dichloroethene-d2	2.13	63	51238	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	66767	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	5.08	65	42569	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.00%
29) Benzene-d6	5.10	84	123524	30.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.12%
33) 1,2-Dichloropropane-d6	6.12	67	45278	37.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.92%#
37) Toluene-d8	7.36	98	101229	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.67	79	1795	3.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	13.12%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31012	27.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	21418	26.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.20%

Target Compounds

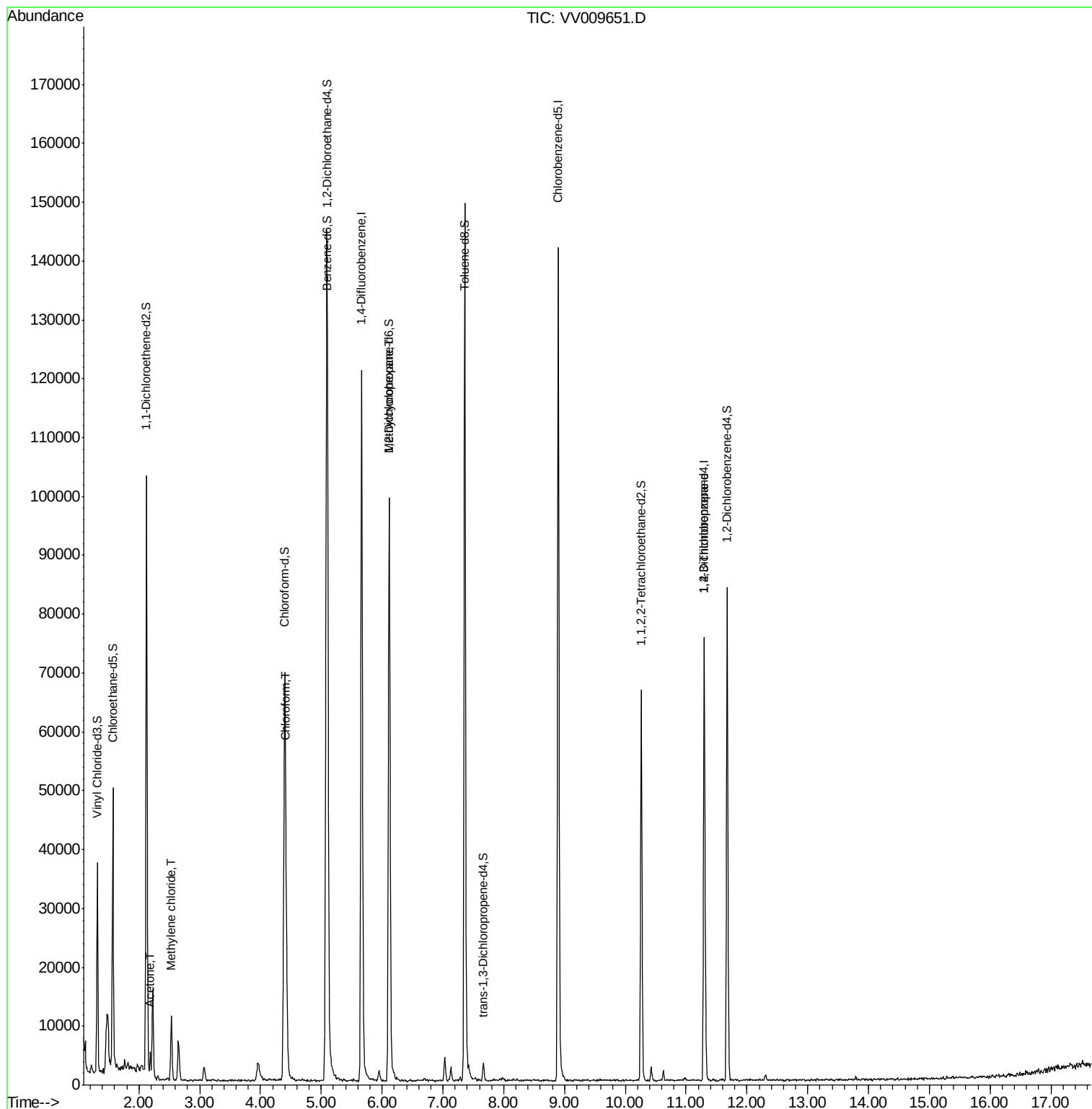
					Qvalue
13) Acetone	2.19	43	3170	7.582 ug/L	96
16) Methylene chloride	2.53	84	4508	2.991 ug/L	91
25) Chloroform	4.42	83	10278	3.820 ug/L	91
36) Methylcyclohexane	6.12	83	10963	5.392 ug/L #	21
59) 1,2,3-Trichloropropane	11.29	75	3161	3.794 ug/L #	80

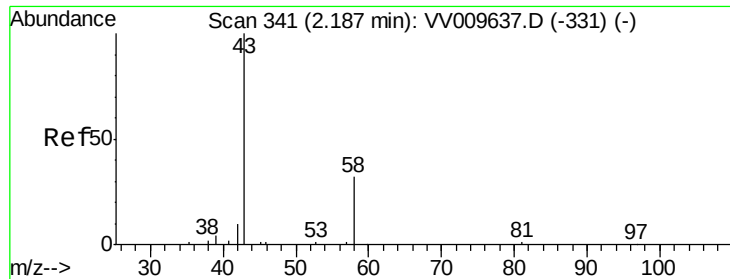
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.582 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

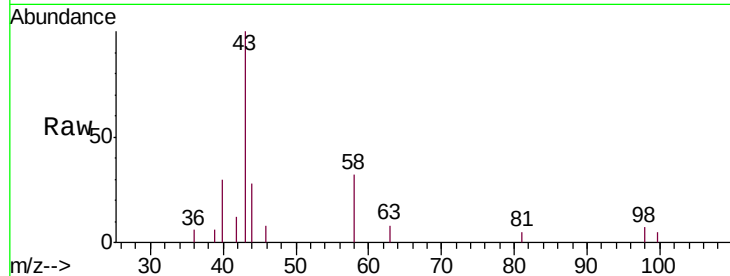
BF5P1

Tgt Ion: 43 Resp: 3170

Ion Ratio Lower Upper

43 100

58 30.3 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009637.D (-331) (-)

2500

2000

1500

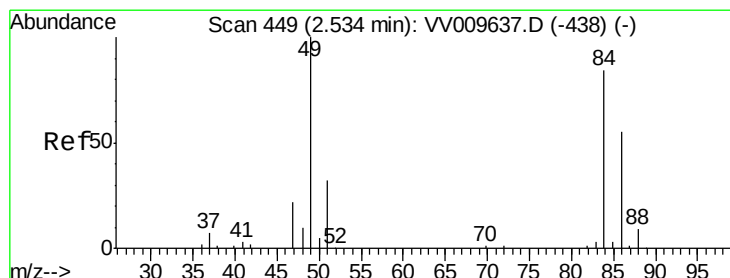
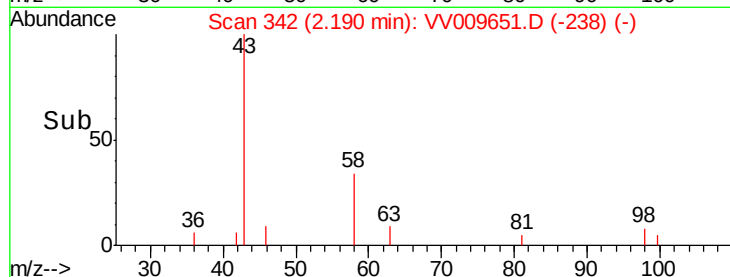
1000

500

0

2.14 2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 2.991 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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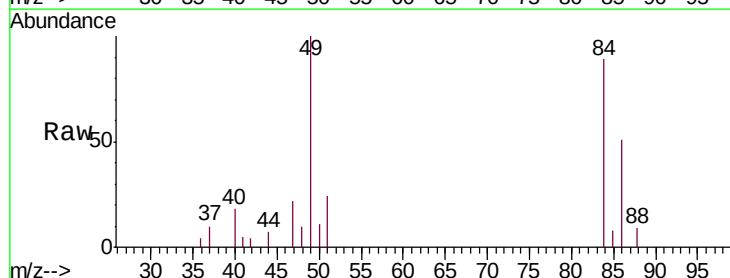
Tgt Ion: 84 Resp: 4508

Ion Ratio Lower Upper

84 100

49 112.7 86.1 159.9

86 57.1 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009637.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009637.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009637.D (-438) (-)

4000

3000

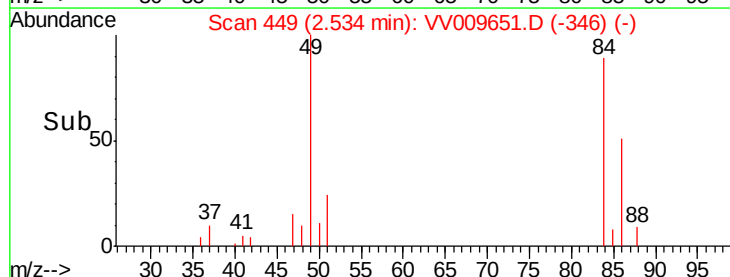
2000

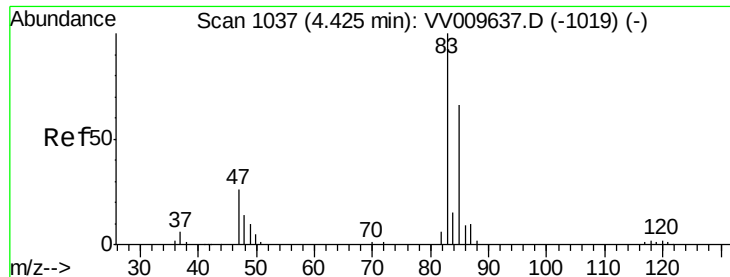
1000

0

2.50 2.55

Time-->





#25

Chloroform

Concen: 3.820 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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ClientSampleId :

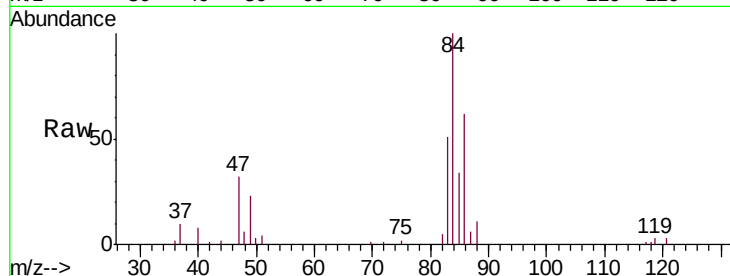
BF5P1

Tgt Ion: 83 Resp: 10278

Ion Ratio Lower Upper

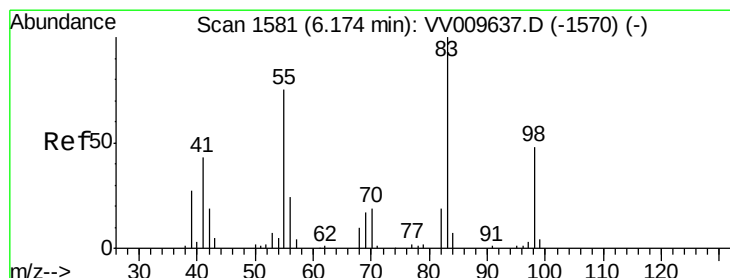
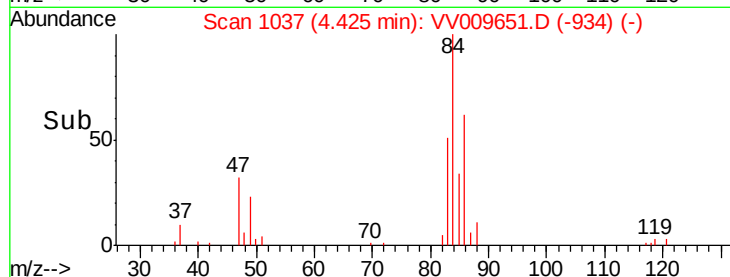
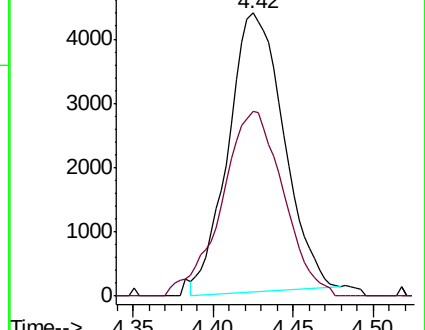
83 100

85 73.7 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV009637.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009637.D (-1019) (-)



#36

Methylcyclohexane

Concen: 5.392 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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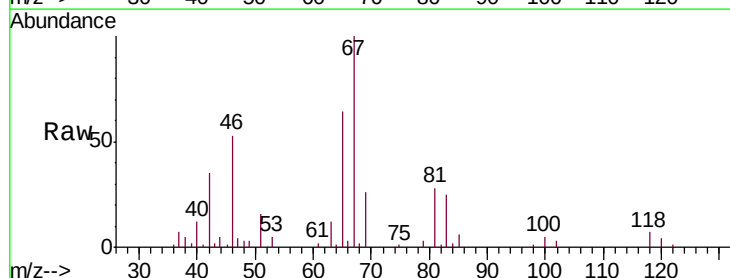
Tgt Ion: 83 Resp: 10963

Ion Ratio Lower Upper

83 100

55 0.0 57.4 86.0#

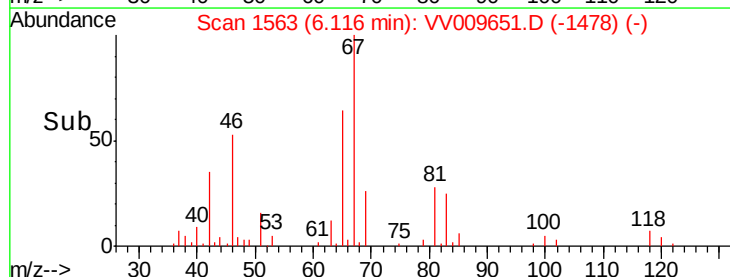
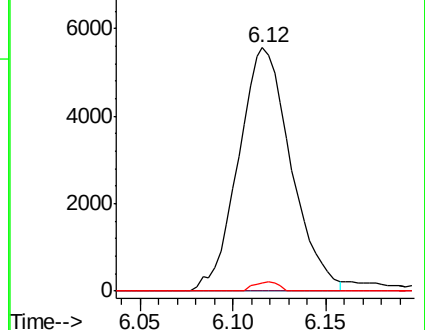
98 1.7 37.1 55.7#

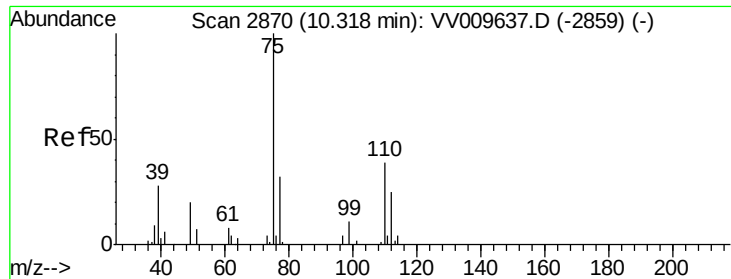


Abundance Ion 83.00 (82.70 to 83.70): VV009637.D (-1570) (-)

Ion 55.00 (54.70 to 55.70): VV009637.D (-1570) (-)

Ion 98.00 (97.70 to 98.70): VV009637.D (-1570) (-)





#59
 1,2,3-Trichloropropane
 Concen: 3.794 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV009651.D
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Instrument :
 MSVOA_V
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 BF5P1

Tgt Ion: 75 Resp: 3161
 Ion Ratio Lower Upper
 75 100
 77 20.4 25.3 37.9#

