

Data File : VV010715.D
Acq On : 08 May 2019 04:59
Operator : SY/MD
Sample : K2613-11
Misc : 5.43G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHD6

Quant Time: May 08 05:43:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:57:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	99093	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	97741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	38974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23259	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.44%
7) Chloroethane-d5	1.54	69	12350	9.75	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.00%
10) 1,1-Dichloroethene-d2	2.10	63	36625	10.97	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.88%#
20) 2-Butanone-d5	3.92	46	19461	42.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.26%
24) Chloroform-d	4.38	84	36966	13.68	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.72%
26) 1,2-Dichloroethane-d4	5.07	65	33414	19.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.20%
29) Benzene-d6	5.09	84	99947	19.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.72%
33) 1,2-Dichloropropane-d6	6.11	67	33724	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.28%
37) Toluene-d8	7.35	98	96104	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	7.66	79	12144	16.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.00%
39) 2-Hexanone-d5	8.13	63	15818	46.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25883	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	32904	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

Target Compounds

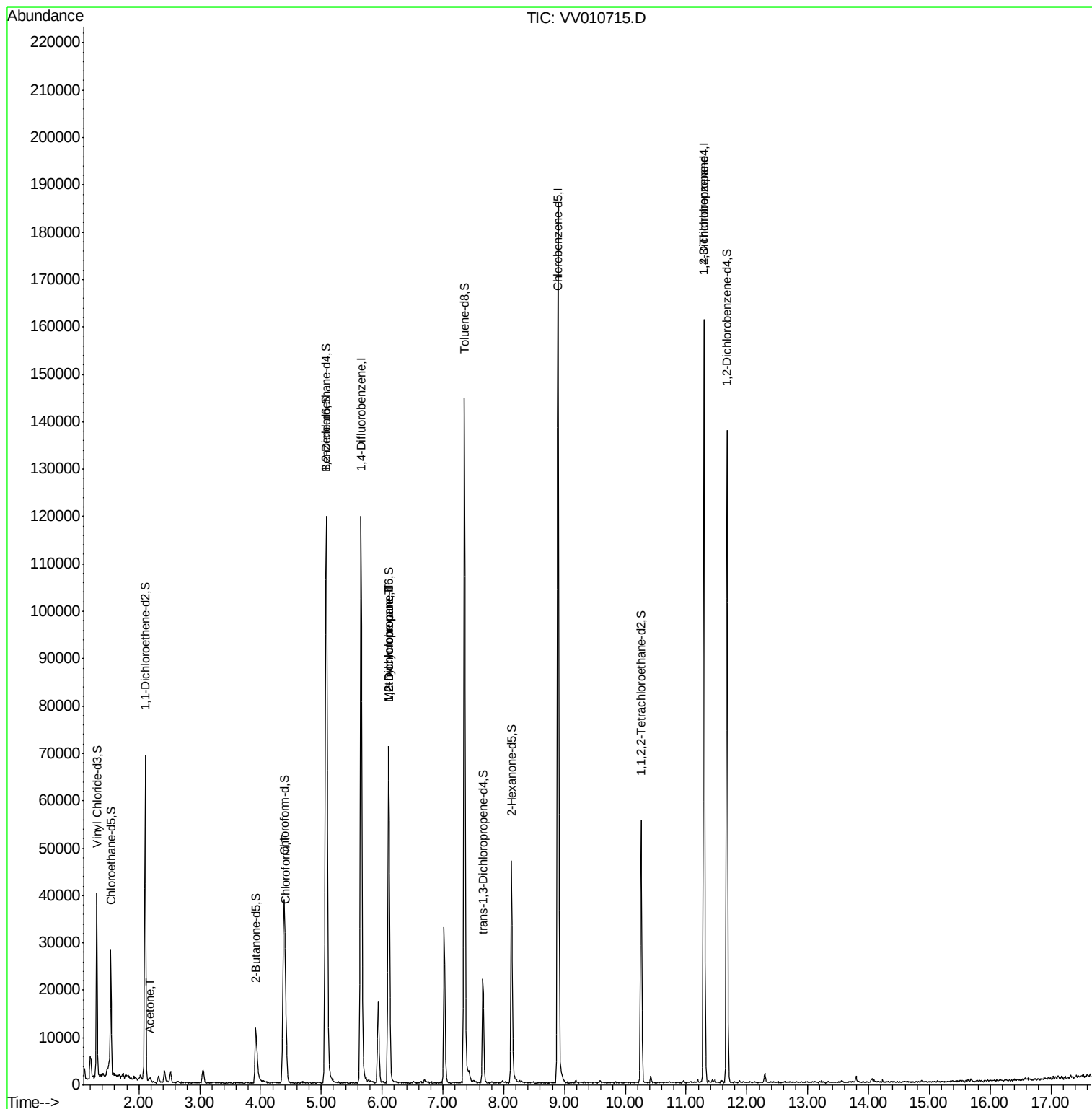
					Qvalue
13) Acetone	2.18	43	1054	1.474 ug/L	66
25) Chloroform	4.41	83	11418	3.807 ug/L	93
36) Methylcyclohexane	6.11	83	8041	3.122 ug/L #	40
40) 1,2-Dichloropropane	6.11	63	4175	2.735 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5592	4.361 ug/L	90

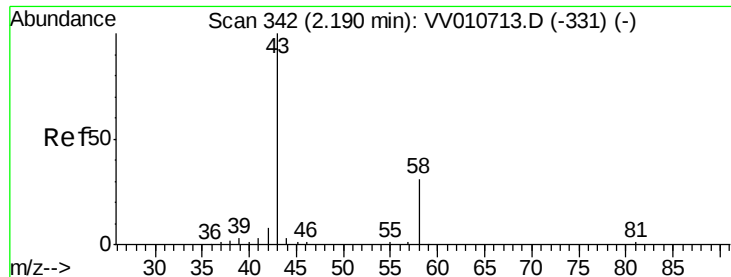
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.474 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

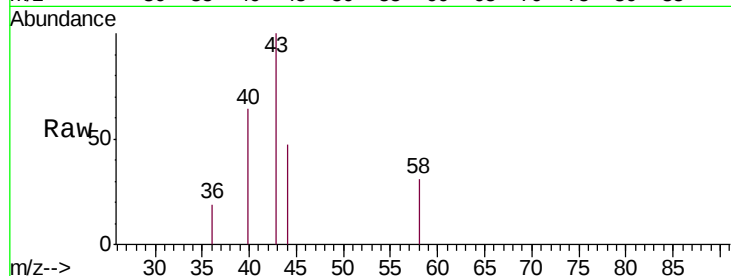
BFHD6

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 13.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010713.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010713.D (-331) (-)

2.18

600

400

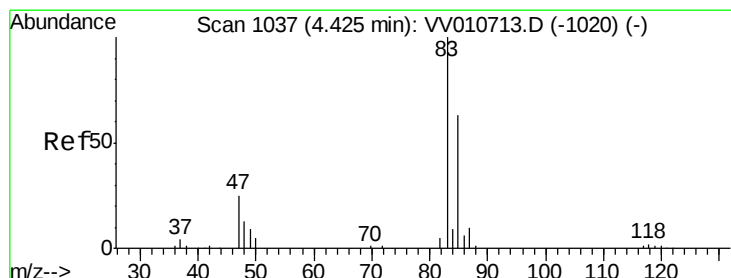
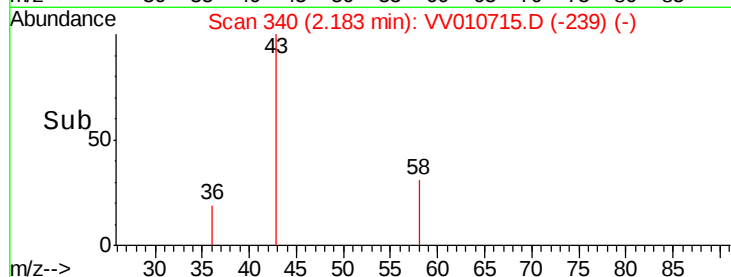
200

0

Time-->

2.15

2.20



#25

Chloroform

Concen: 3.807 ug/L

RT: 4.41 min Scan# 1034

Delta R.T. -0.01 min

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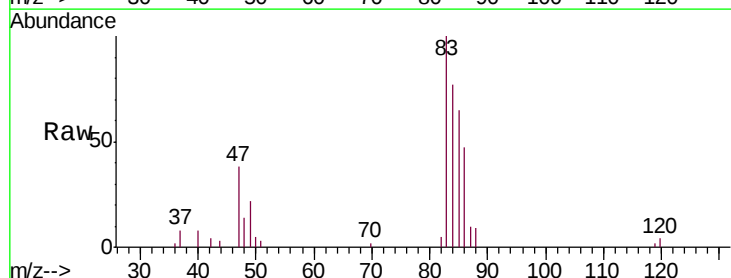
Acq: 08 May 2019 04:59

Tgt Ion: 83 Resp: 11418

Ion Ratio Lower Upper

83 100

85 68.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010713.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010713.D (-1020) (-)

4.41

5000

4000

3000

2000

1000

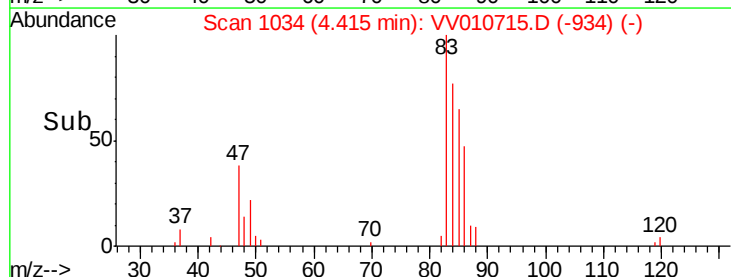
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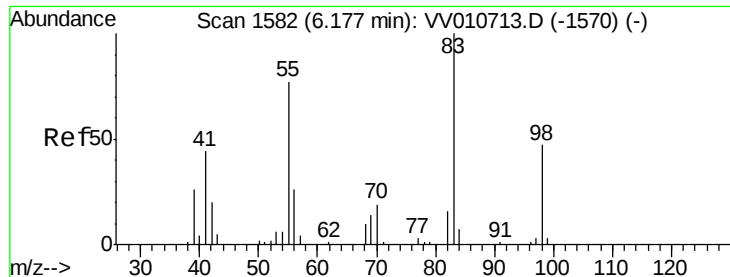
Time-->

4.35

4.40

4.45

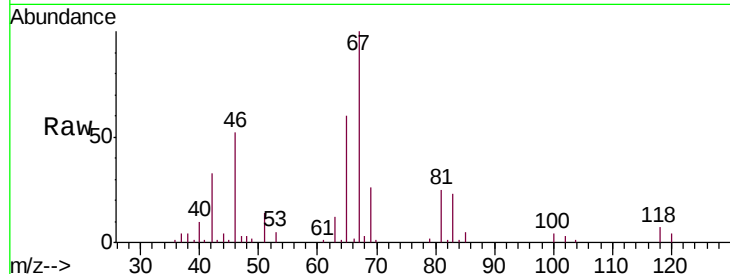




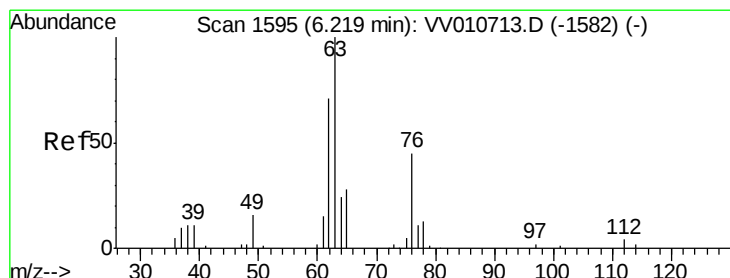
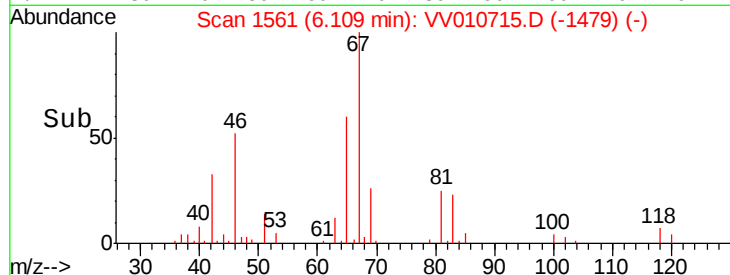
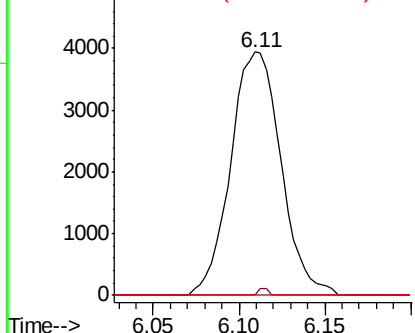
#36
Methylcyclohexane
Concen: 3.122 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.07 min
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Instrument :
MSVOA_V
ClientSampleId :
BFHD6

Tgt Ion: 83 Resp: 8041
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 52.6 37.7 56.5

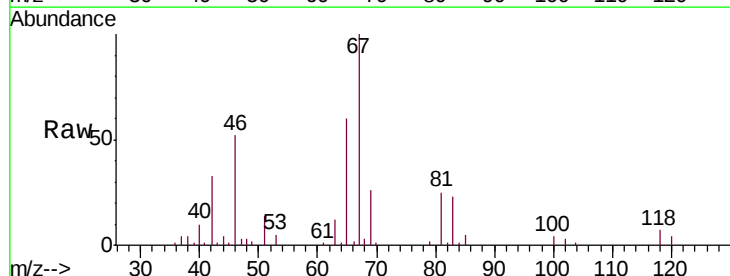


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

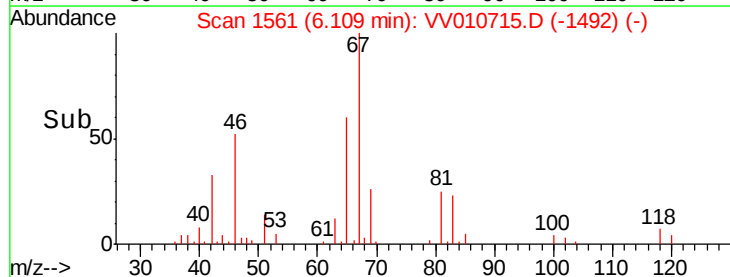
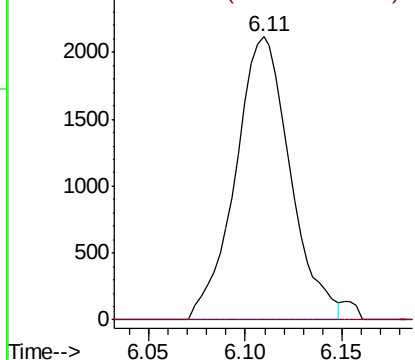


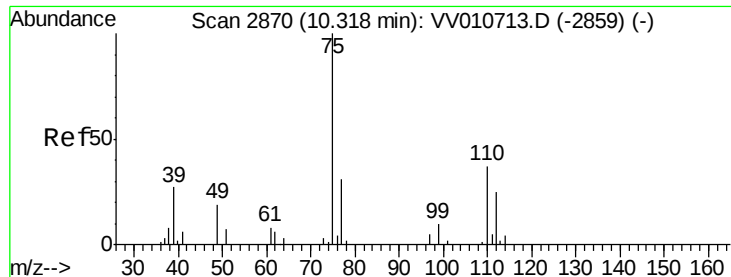
#40
1,2-Dichloropropane
Concen: 2.735 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010715.D
Acq: 08 May 2019 04:59

Tgt Ion: 63 Resp: 4175
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.361 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010715.D

Acq: 08 May 2019 04:59

Instrument :

MSVOA_V

ClientSampleId :

BFHD6

Tgt Ion: 75 Resp: 5592

Ion Ratio Lower Upper

75 100

77 36.8 25.0 37.6

