

Data File : VV010710.D
Acq On : 08 May 2019 00:02
Operator : SY/MD
Sample : K2613-08
Misc : 4.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH50

Quant Time: May 08 03:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	104612	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25516	15.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.80%
7) Chloroethane-d5	1.57	69	24060	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	2.12	63	39200	11.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.48%#
20) 2-Butanone-d5	3.94	46	10005	20.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.04%
24) Chloroform-d	4.40	84	59155	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	5.08	65	40226	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.32%
29) Benzene-d6	5.10	84	117812	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	6.12	67	41083	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.32%
37) Toluene-d8	7.36	98	101177	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	7.66	79	7132	9.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	38.20%
39) 2-Hexanone-d5	8.13	63	4695	13.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30780	19.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	24240	21.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.16%

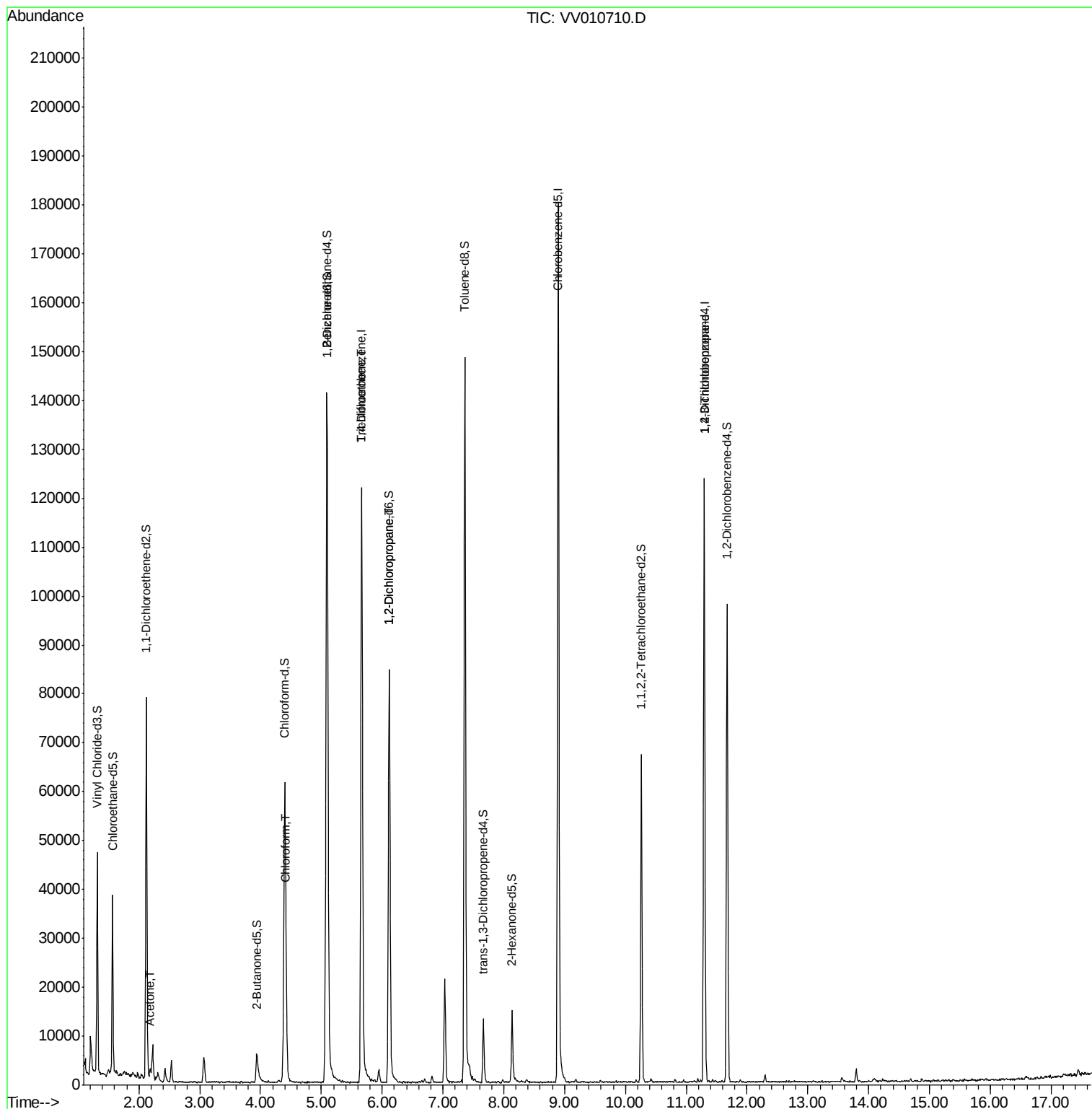
Target Compounds					Qvalue
13) Acetone	2.20	43	1439	1.906 ug/L	96
25) Chloroform	4.43	83	4602	1.454 ug/L	89
35) Trichloroethene	5.67	95	3160	1.967 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4569	2.995 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4233	3.304 ug/L	94

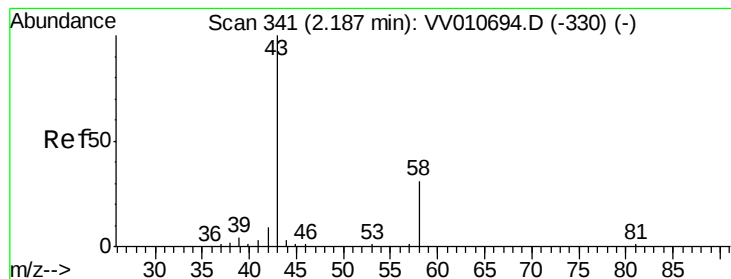
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.906 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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Acq: 08 May 2019 00:02

Instrument :

MSVOA_V

ClientSampleId :

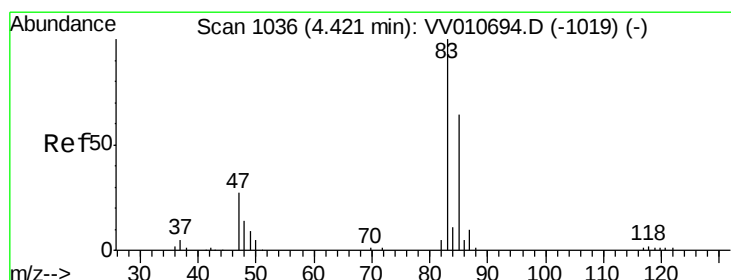
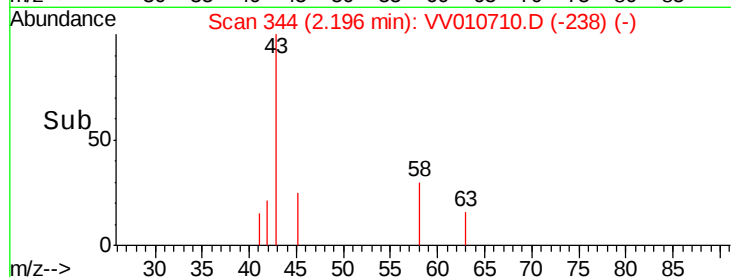
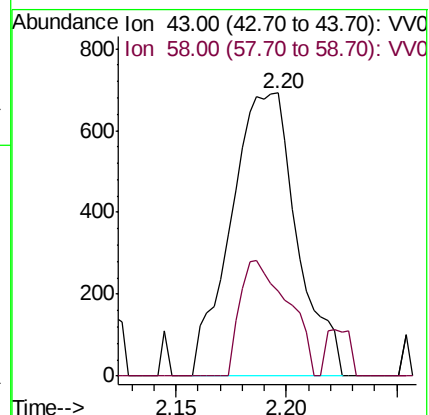
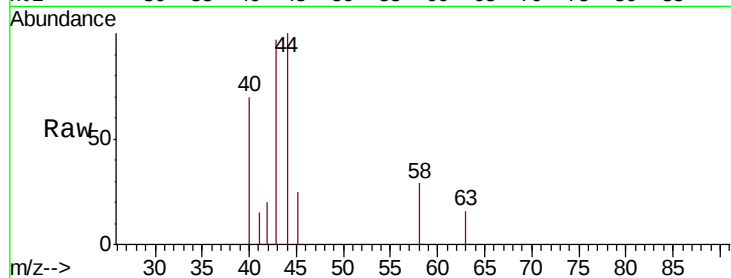
BFH50

Tgt Ion: 43 Resp: 1439

Ion Ratio Lower Upper

43 100

58 29.7 0.0 63.4



#25

Chloroform

Concen: 1.454 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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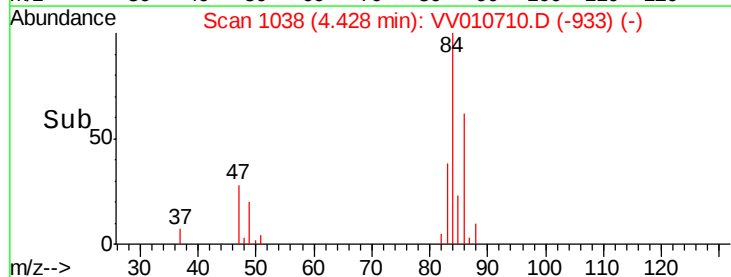
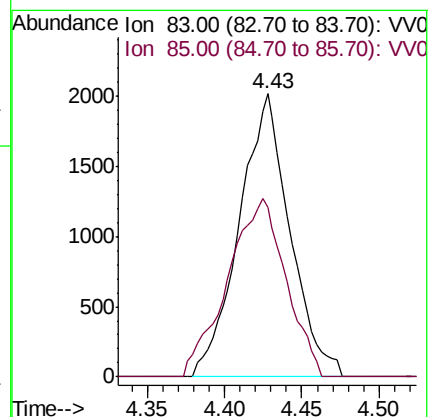
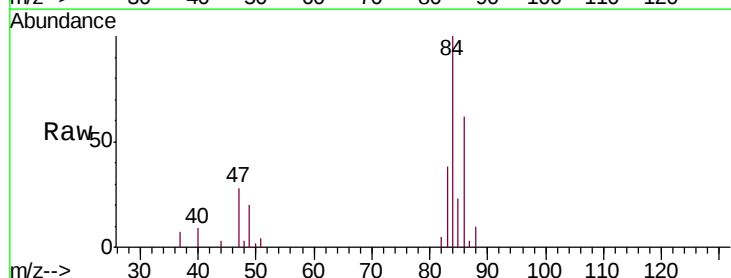
Acq: 08 May 2019 00:02

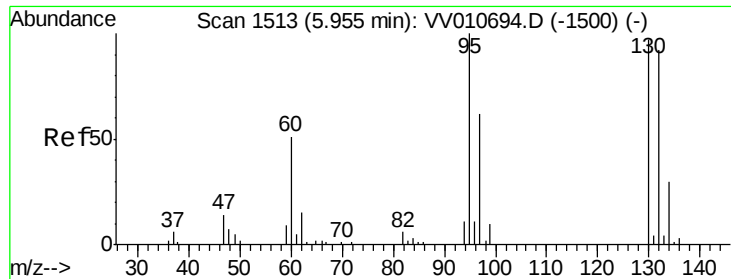
Tgt Ion: 83 Resp: 4602

Ion Ratio Lower Upper

83 100

85 72.3 44.6 82.8





#35

Trichloroethene

Concen: 1.967 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

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Instrument :

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ClientSampleId :

BFH50

Tgt Ion: 95 Resp: 3160

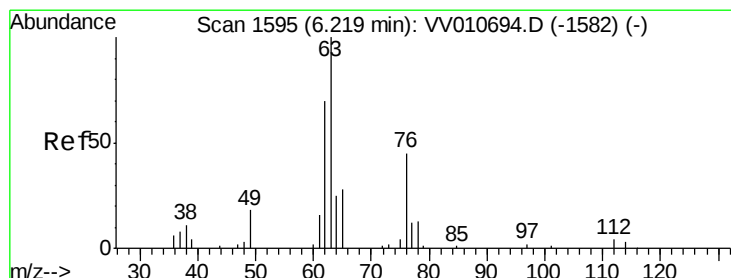
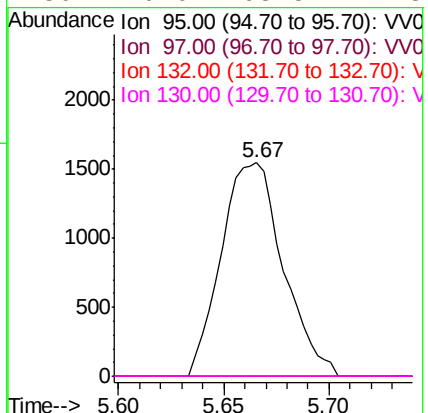
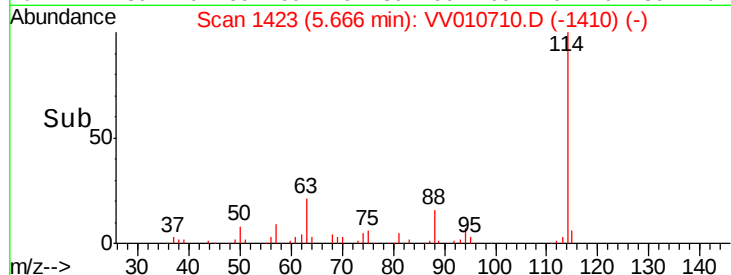
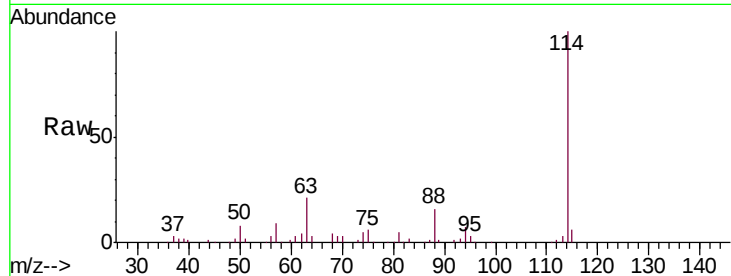
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 2.995 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

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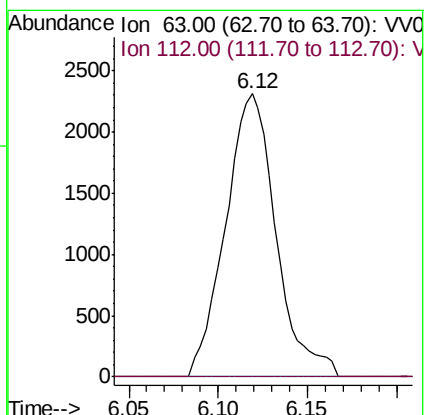
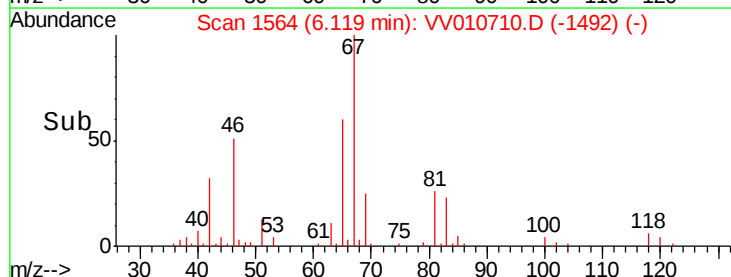
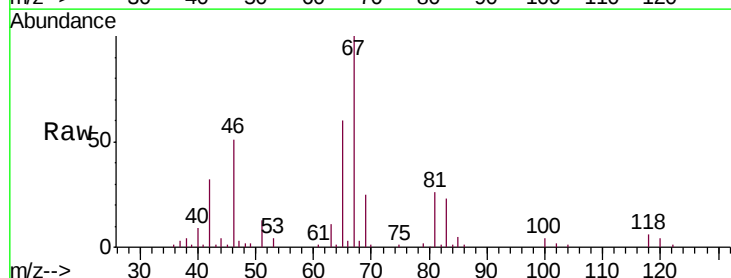
Acq: 08 May 2019 00:02

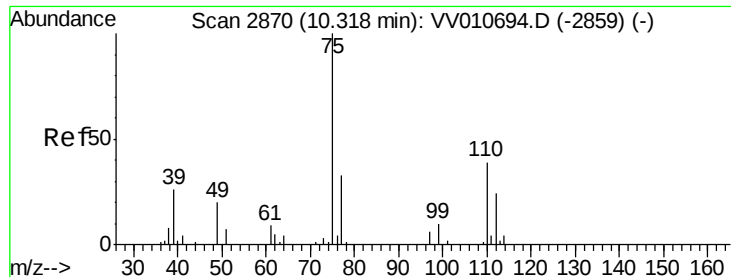
Tgt Ion: 63 Resp: 4569

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 3.304 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010710.D

Acq: 08 May 2019 00:02

Instrument :

MSVOA_V

ClientSampleId :

BFH50

Tgt Ion: 75 Resp: 4233

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.6

