

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010717.D
 Acq On : 08 May 2019 05:55
 Operator : SY/MD
 Sample : K2613-15
 Misc : 6.23G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHE0

Quant Time: May 08 09:02:53 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	5.66	114	95449	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	22546	15.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.80%
7) Chloroethane-d5	1.56	69	22395	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	2.11	63	40272	12.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.08%
20) 2-Butanone-d5	3.92	46	21205	47.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.32%
24) Chloroform-d	4.39	84	46667	17.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.72%
26) 1,2-Dichloroethane-d4	5.07	65	36134	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.92%
29) Benzene-d6	5.09	84	98798	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	6.11	67	33913	21.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.56%
37) Toluene-d8	7.36	98	85202	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.20%
38) trans-1,3-Dichloropropene-	7.66	79	11363	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.36%
39) 2-Hexanone-d5	8.13	63	14216	43.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27098	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	29774	21.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.08%

Target Compounds

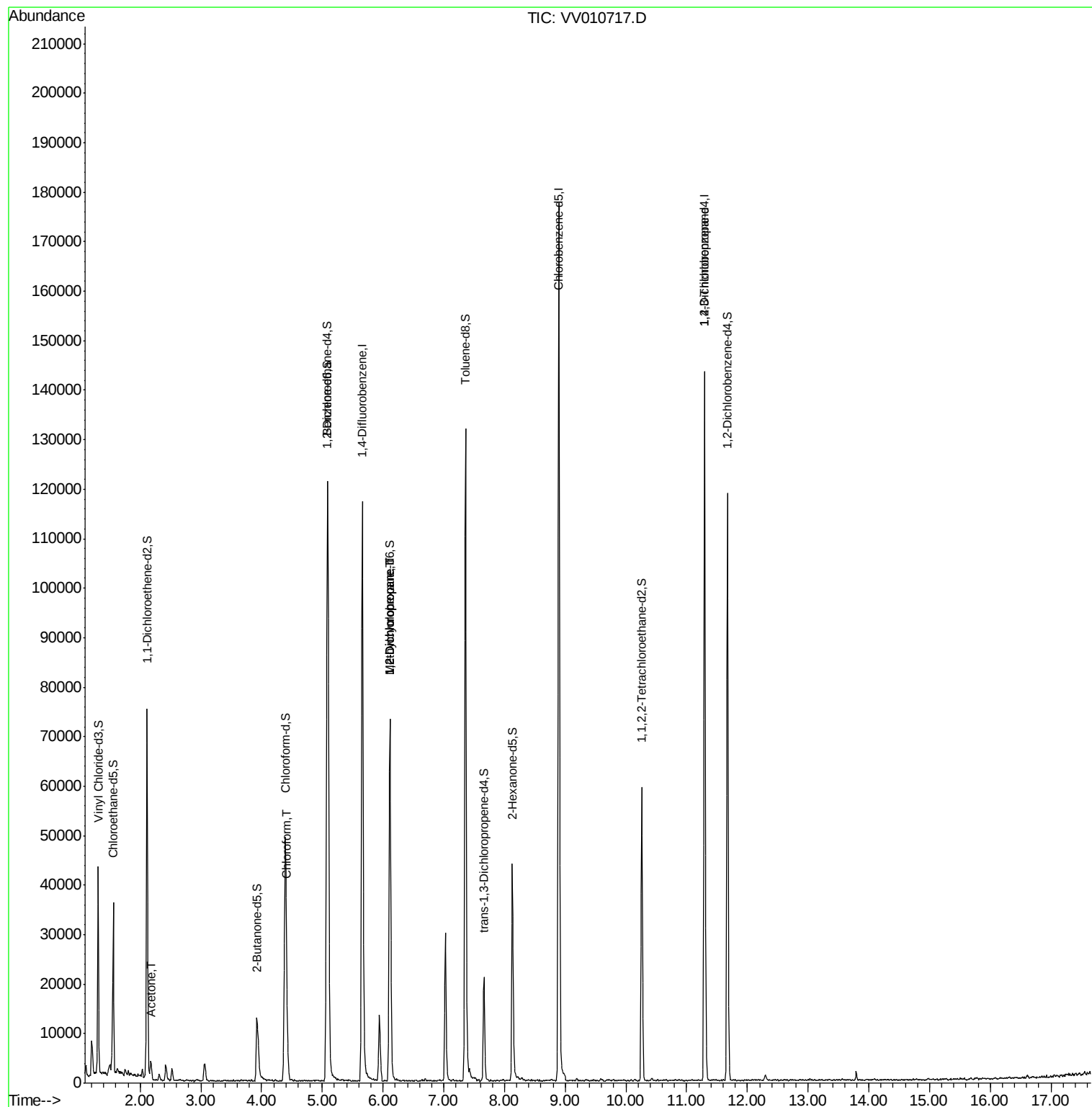
					Ovalue
13) Acetone	2.18	43	2908	4.222 ug/L	100
25) Chloroform	4.42	83	5715	1.978 ug/L	89
36) Methylcyclohexane	6.11	83	7893	3.243 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	4096	2.840 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5042	4.161 ug/L #	87

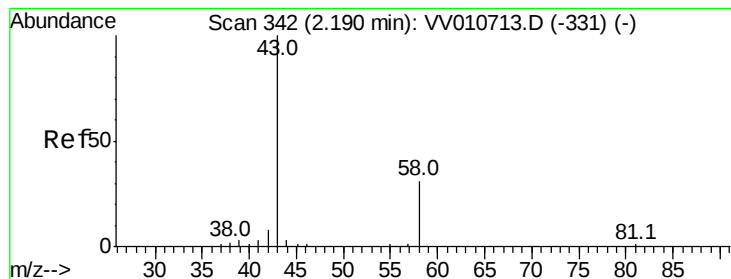
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 08 04:57:22 2019
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#13

Acetone

Concen: 4.222 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010717.D

Acq: 08 May 2019 05:55

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MSVOA_V

ClientSampleId :

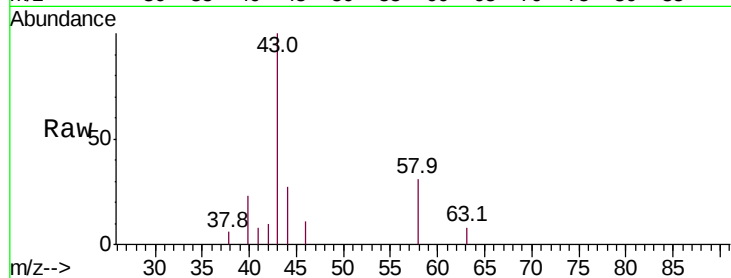
BFHE0

Tot Ion: 43 Resp: 2908

Ion Ratio Lower Upper

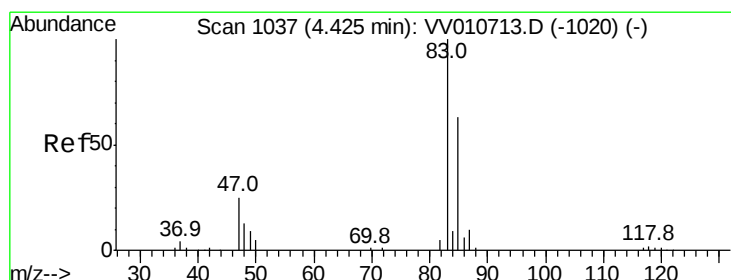
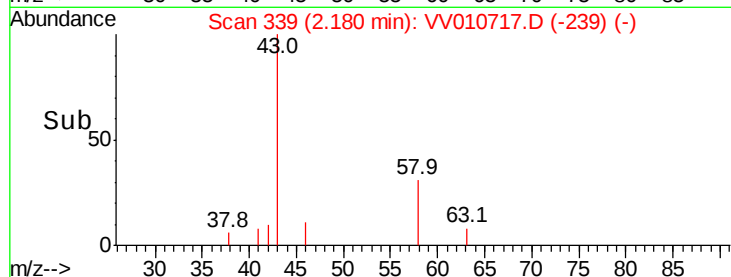
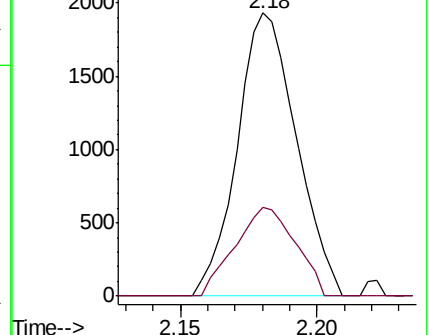
43 100

58 31.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010717.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010717.D (-331) (-)



#25

Chloroform

Concen: 1.978 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010717.D

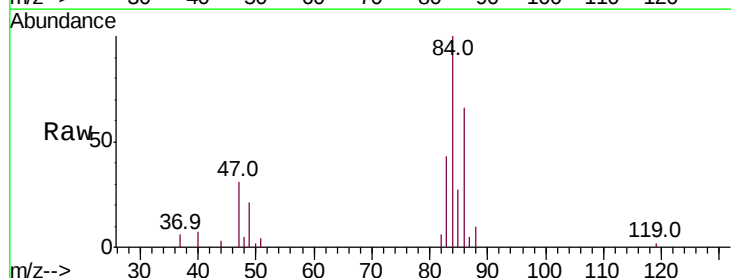
Acq: 08 May 2019 05:55

Tgt Ion: 83 Resp: 5715

Ion Ratio Lower Upper

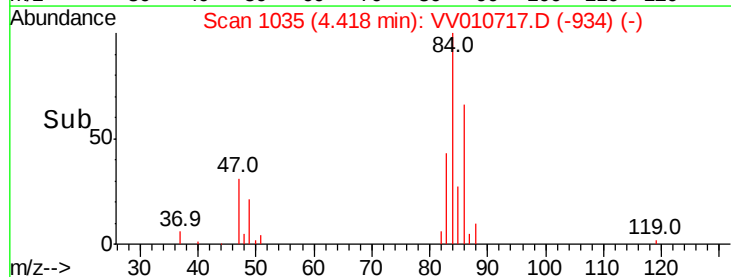
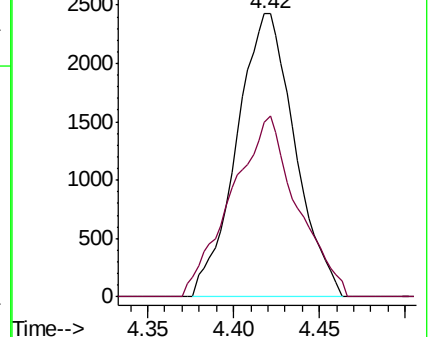
83 100

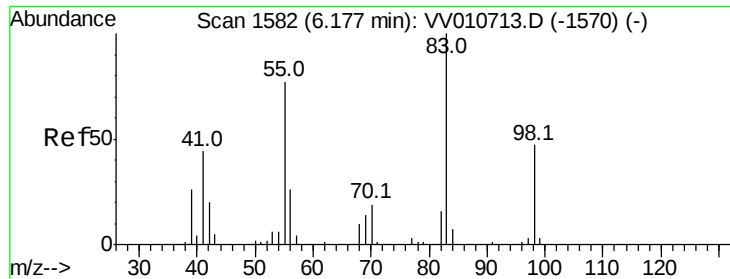
85 72.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010717.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010717.D (-1020) (-)

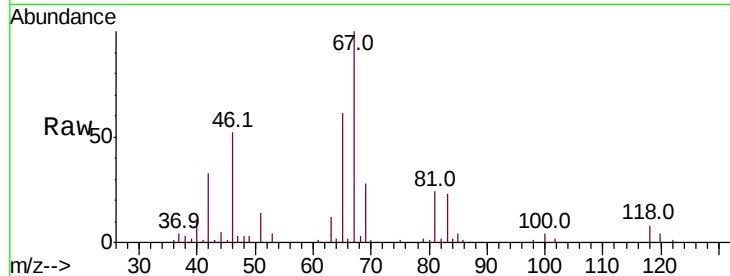




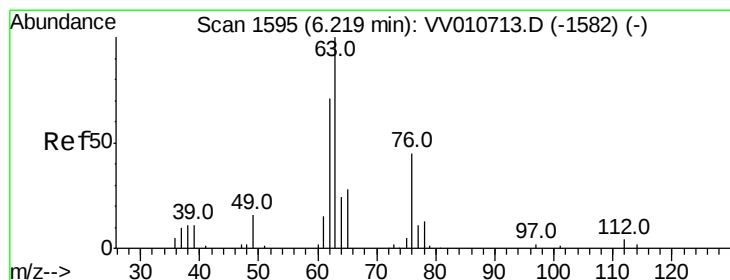
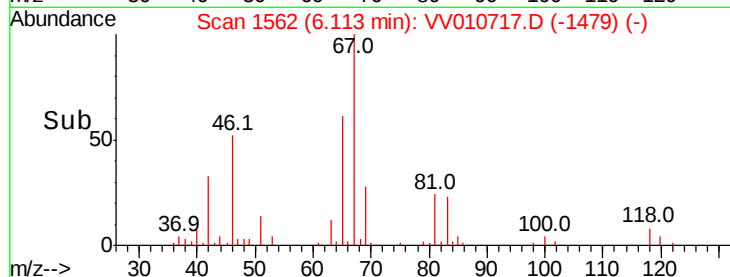
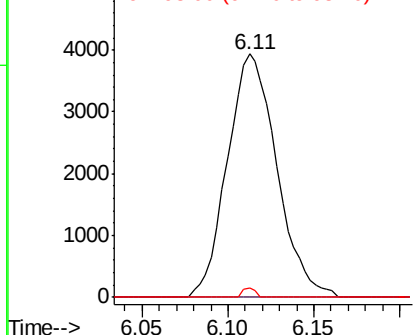
#36
Methvlcvclohexane
Concen: 3.243 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010717.D
Acq: 08 May 2019 05:55

Instrument :
MSVOA_V
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BFHE0

Tot Ion: 83 Resp: 7893
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 1.0 37.7 56.5#

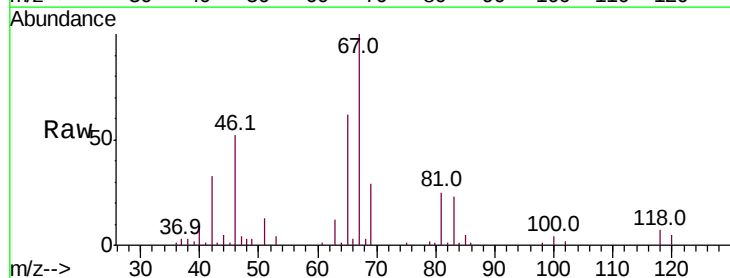


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

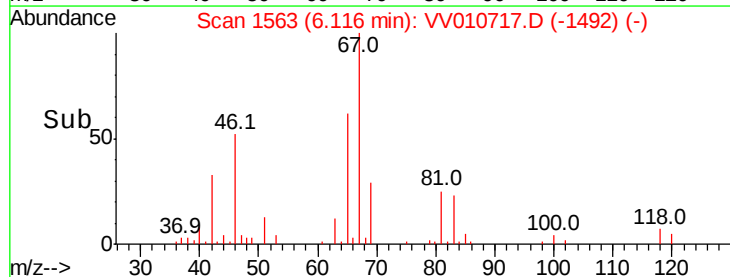
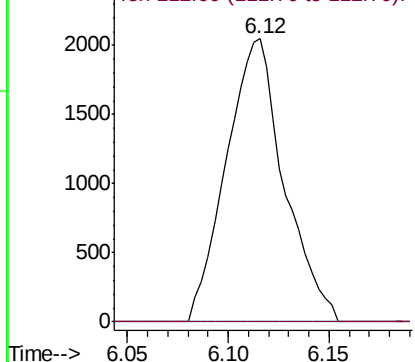


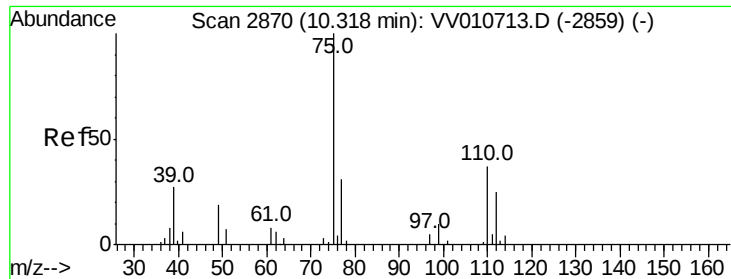
#40
1,2-Dichloropropane
Concen: 2.840 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010717.D
Acq: 08 May 2019 05:55

Tgt Ion: 63 Resp: 4096
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: 4.161 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010717.D

Acq: 08 May 2019 05:55

Instrument :

MSVOA_V

ClientSampleId :

BFHE0

Tot Ion: 75 Resp: 5042

Ion Ratio Lower Upper

75 100

77 38.4 25.0 37.6#

