

Data File : VV010999.D
Acq On : 21 May 2019 14:23
Operator : SY/MD
Sample : K2648-09
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH97

Quant Time: May 22 05:28:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132365	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25025	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.32%
7) Chloroethane-d5	1.58	69	20614	20.18	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
10) 1,1-Dichloroethene-d2	2.12	63	39009	13.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.76%
20) 2-Butanone-d5	3.93	46	17046	32.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.48%
24) Chloroform-d	4.40	84	66325	19.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.36%
26) 1,2-Dichloroethane-d4	5.08	65	37265	18.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.76%
29) Benzene-d6	5.09	84	138787	20.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.20%
33) 1,2-Dichloropropane-d6	6.11	67	47448	21.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.36%
37) Toluene-d8	7.36	98	120537	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.84%
38) trans-1,3-Dichloropropene-	7.66	79	15014	16.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.32%
39) 2-Hexanone-d5	8.13	63	12819	31.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37421	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	45892	20.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.92%

Target Compounds

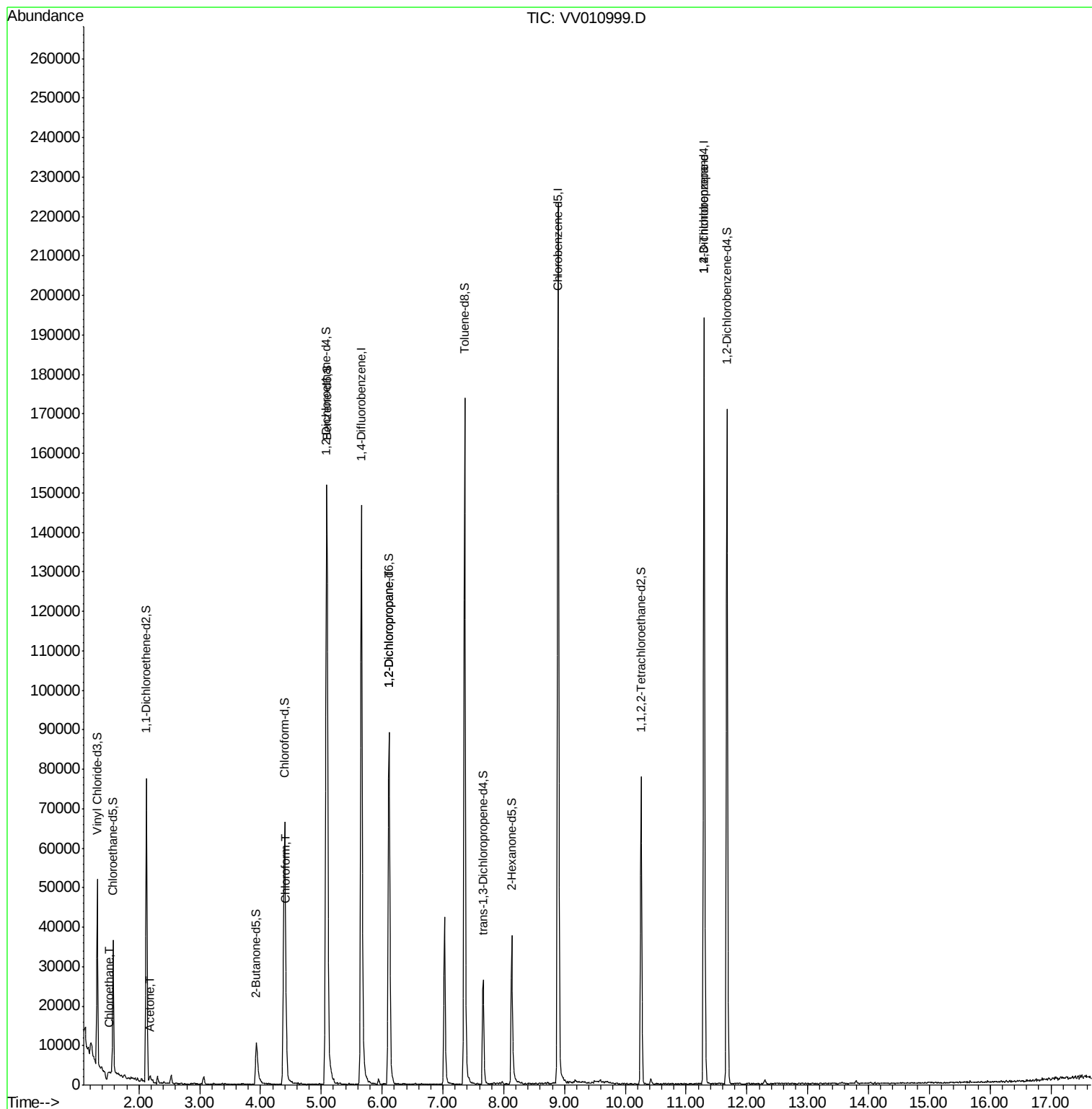
					Qvalue
8) Chloroethane	1.50	64	1702	1.913 ug/L #	46
13) Acetone	2.19	43	843	1.679 ug/L	98
25) Chloroform	4.42	83	6208	1.564 ug/L	79
40) 1,2-Dichloropropane	6.12	63	4798	2.528 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	6556	4.192 ug/L	93

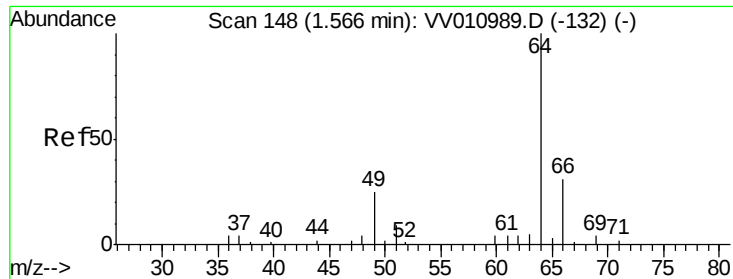
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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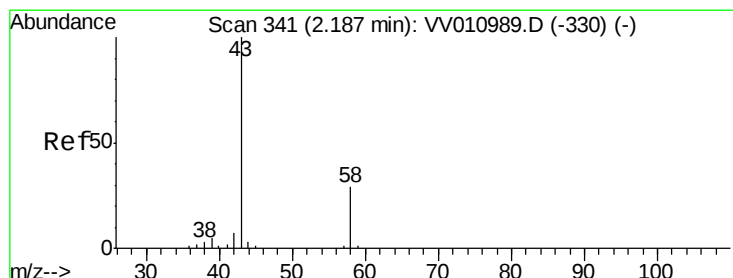
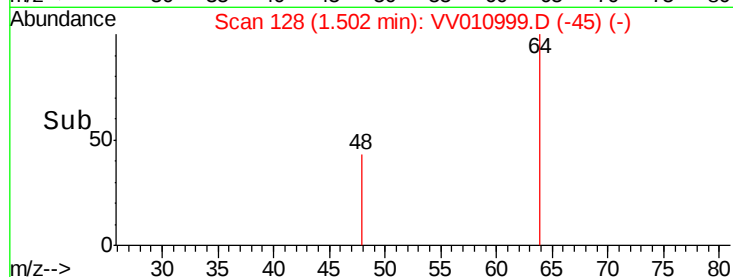
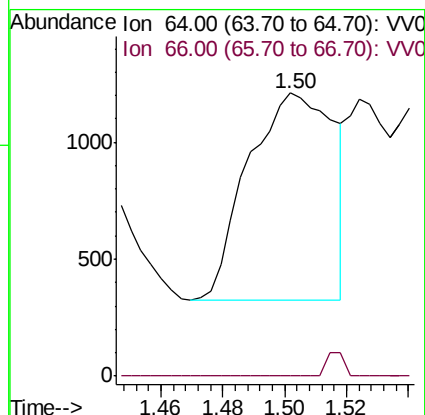
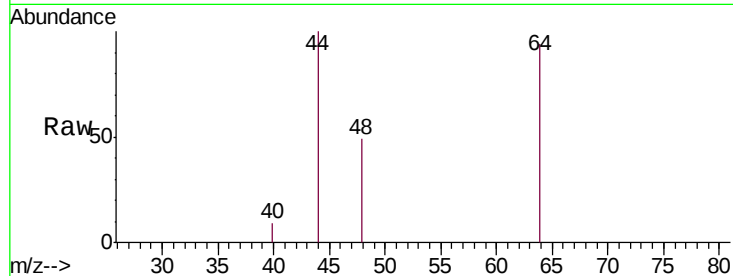




#8
Chloroethane
Concen: 1.913 ug/L
RT: 1.50 min Scan# 128
Delta R.T. -0.06 min
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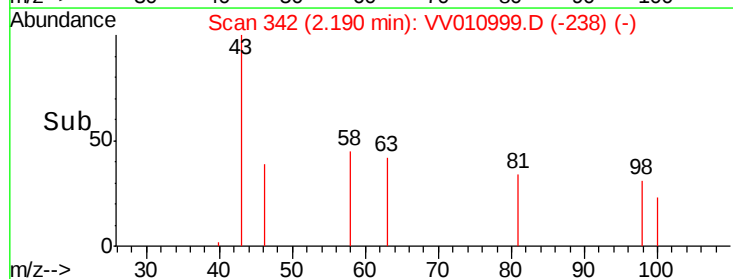
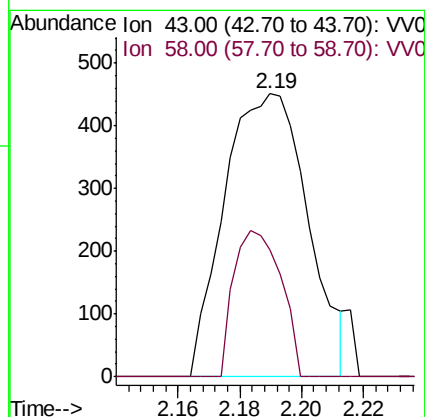
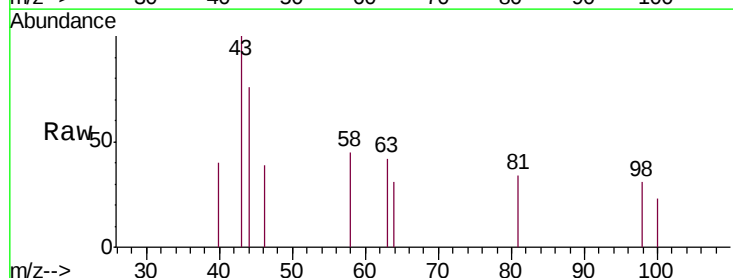
Instrument :
MSVOA_V
ClientSampled :
BFH97

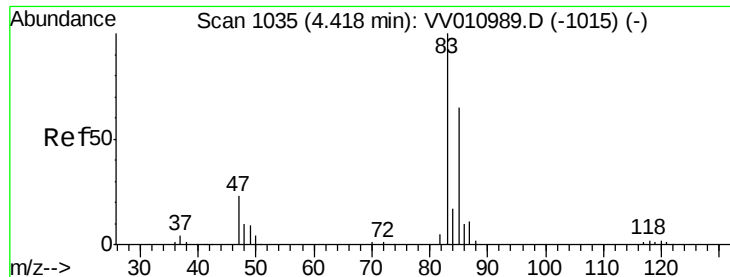
Tgt Ion: 64 Resp: 1702
Ion Ratio Lower Upper
64 100
66 0.0 20.4 37.8#



#13
Acetone
Concen: 1.679 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010999.D
Acq: 21 May 2019 14:23

Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.8

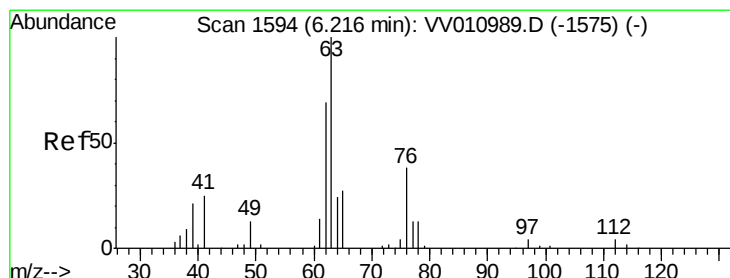
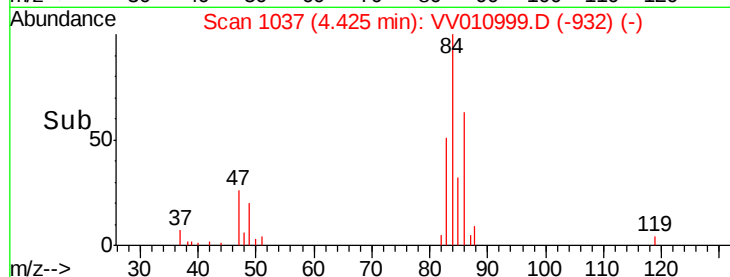
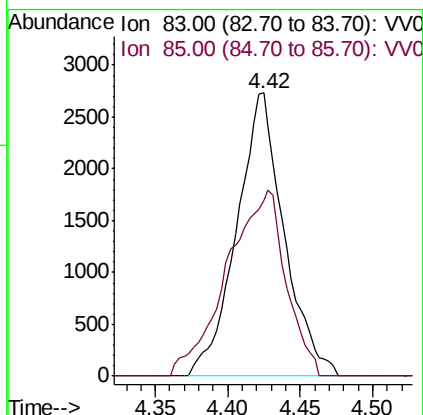
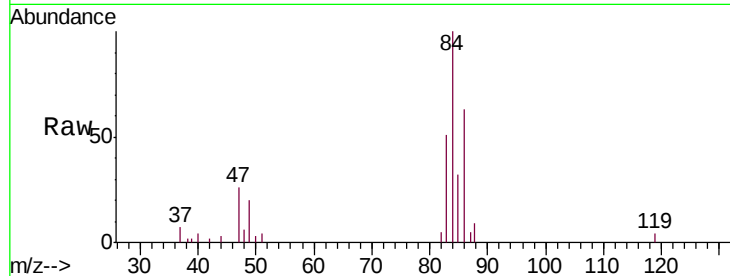




#25
Chloroform
Concen: 1.564 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV010999.D
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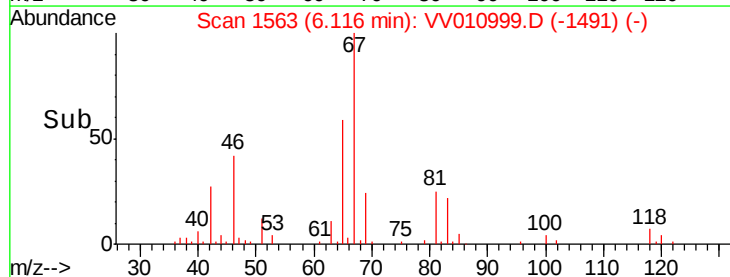
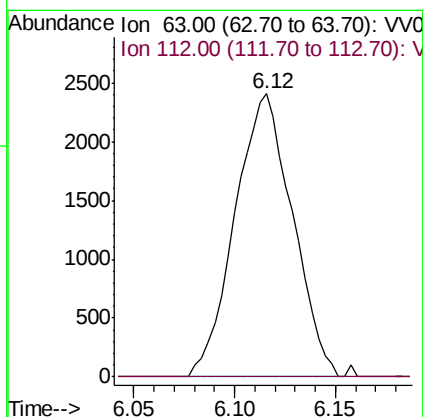
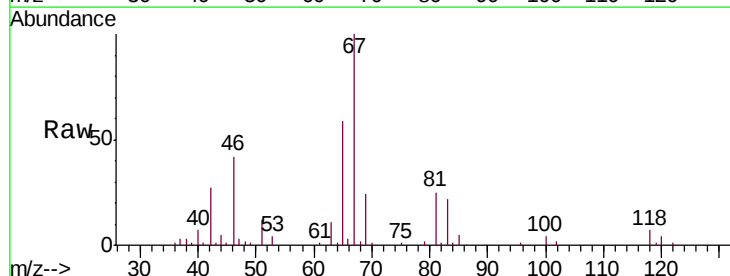
Instrument :
MSVOA_V
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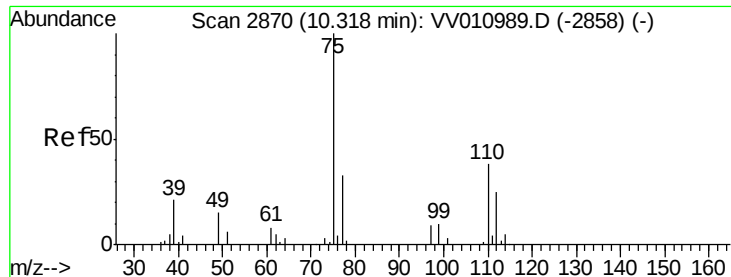
Tgt Ion: 83 Resp: 6208
Ion Ratio Lower Upper
83 100
85 81.7 45.6 84.8



#40
1,2-Dichloropropane
Concen: 2.528 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010999.D
Acq: 21 May 2019 14:23

Tgt Ion: 63 Resp: 4798
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 4.192 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010999.D

Acq: 21 May 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

BFH97

Tgt Ion: 75 Resp: 6556

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2

