

Data File : VV010995.D
Acq On : 21 May 2019 11:27
Operator : SY/MD
Sample : K2846-22RE
Misc : 4.69G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA4RE

Quant Time: May 22 05:27:50 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	5.67	114	30333	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	26321	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	7446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7354	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	1.58	69	5764	24.62	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	2.13	63	11055	16.63	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	3.95	46	2528	21.19	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.38%
24) Chloroform-d	4.40	84	17977	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.09	65	9889	21.36	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	5.10	84	36187	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	6.12	67	11739	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	7.36	98	27799	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	7.67	79	3504	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.76%
39) 2-Hexanone-d5	8.14	63	2551	29.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	11010	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	7615	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

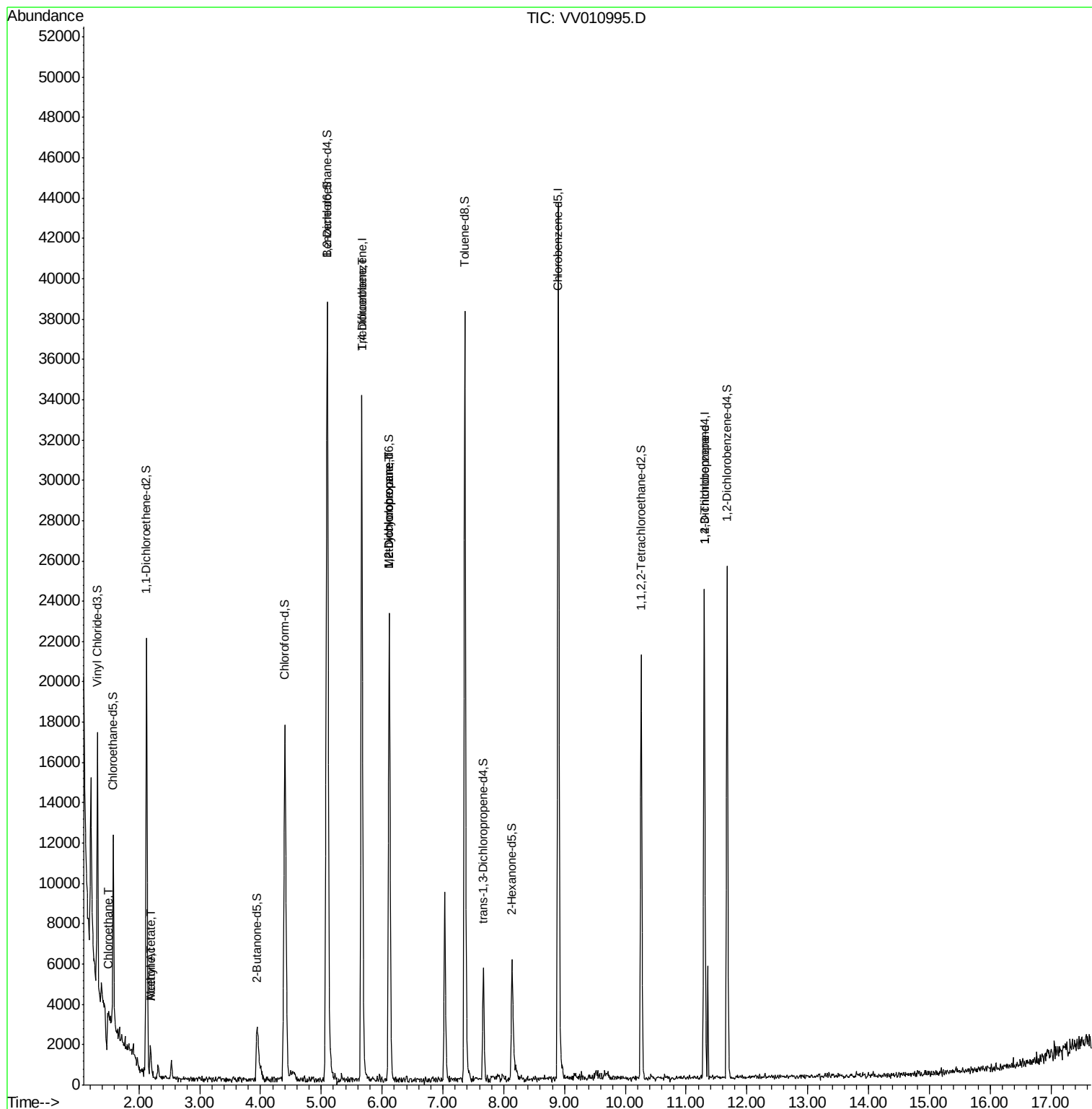
					Qvalue
8) Chloroethane	1.49	64	1008	4.945 ug/L #	60
13) Acetone	2.19	43	1568	13.627 ug/L	78
15) Methyl Acetate	2.19	43	1568	7.092 ug/L #	49
35) Trichloroethene	5.66	95	666	1.589 ug/L #	5
36) Methylcyclohexane	6.12	83	2845	4.590 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	1221	3.062 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	459	1.397 ug/L	90

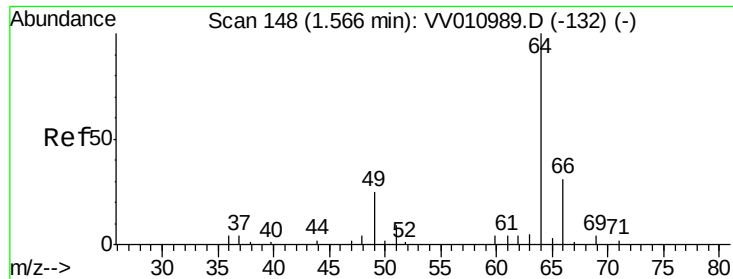
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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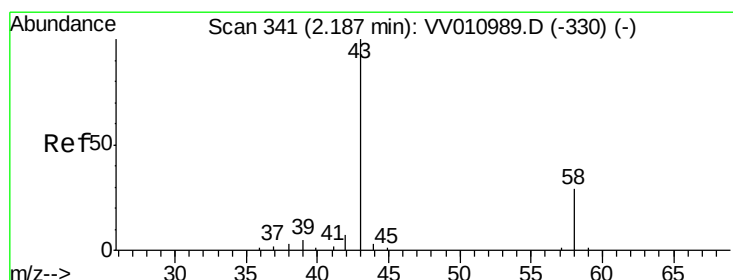
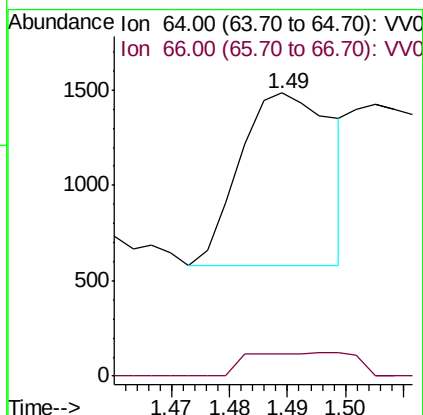
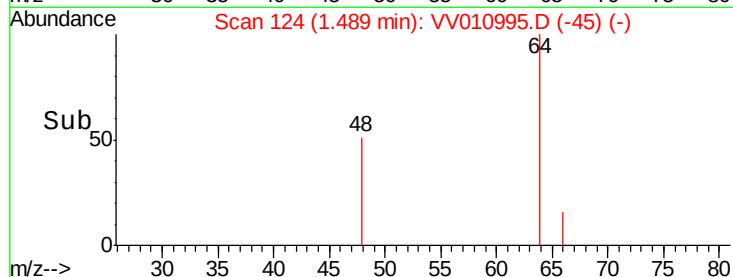
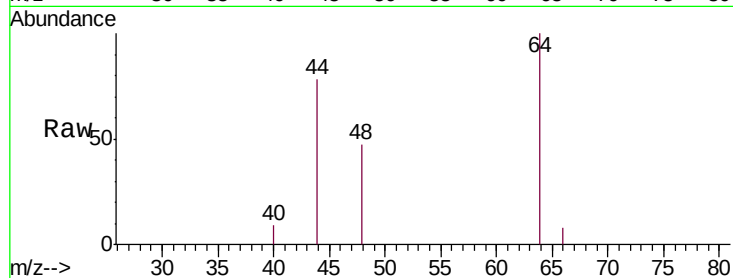




#8
 Chloroethane
 Concen: 4.945 ug/L
 RT: 1.49 min Scan# 124
 Delta R.T. -0.08 min
 Lab File: VV010995.D
 Acq: 21 May 2019 11:27

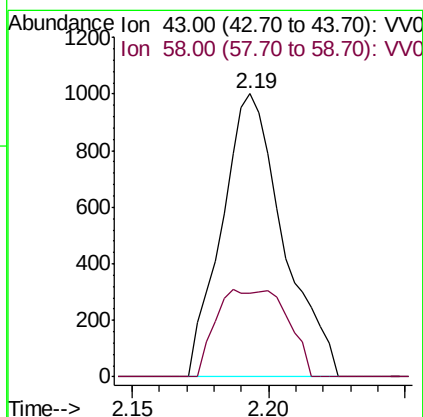
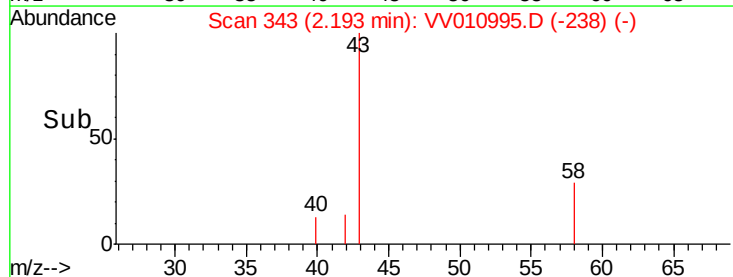
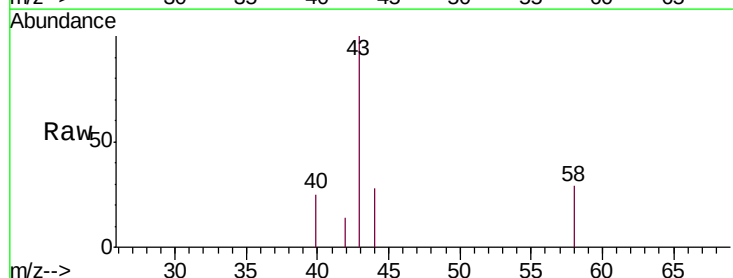
Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA4RE

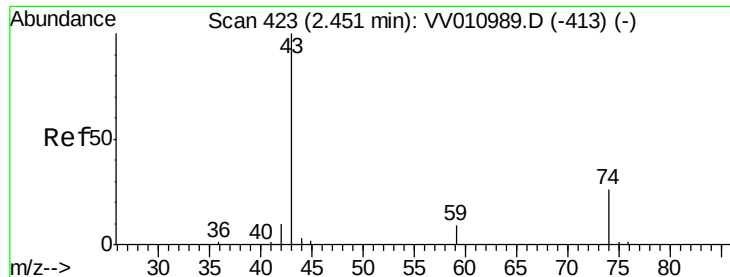
Tgt Ion: 64 Resp: 1008
 Ion Ratio Lower Upper
 64 100
 66 7.9 20.4 37.8#



#13
 Acetone
 Concen: 13.627 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VV010995.D
 Acq: 21 May 2019 11:27

Tgt Ion: 43 Resp: 1568
 Ion Ratio Lower Upper
 43 100
 58 18.4 0.0 60.8

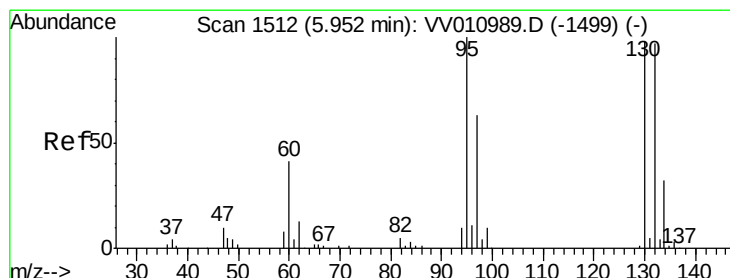
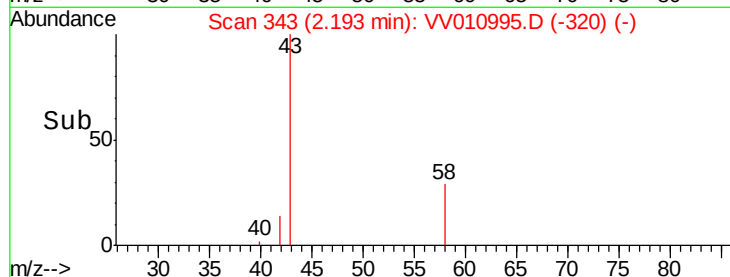
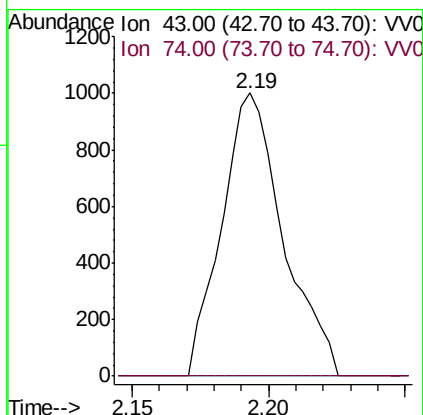
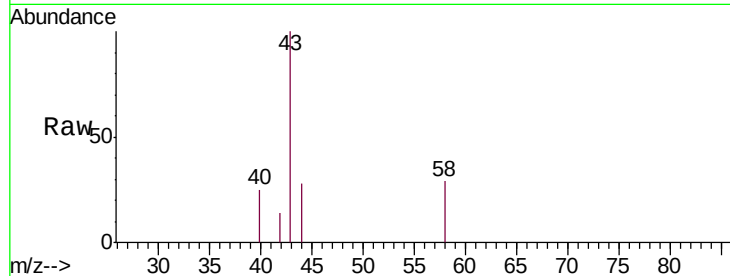




#15
Methyl Acetate
Concen: 7.092 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.26 min
Lab File: VV010995.D
Acq: 21 May 2019 11:27

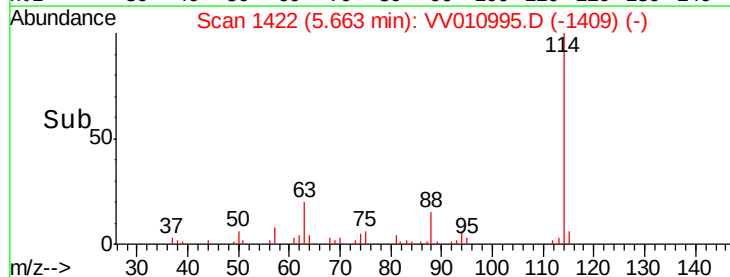
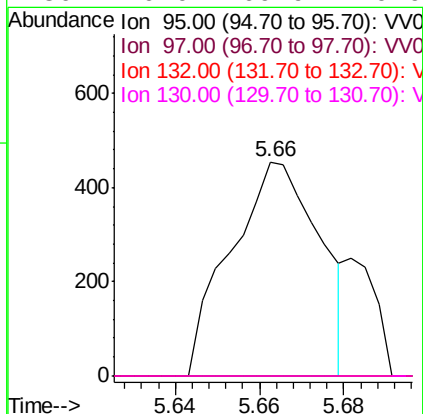
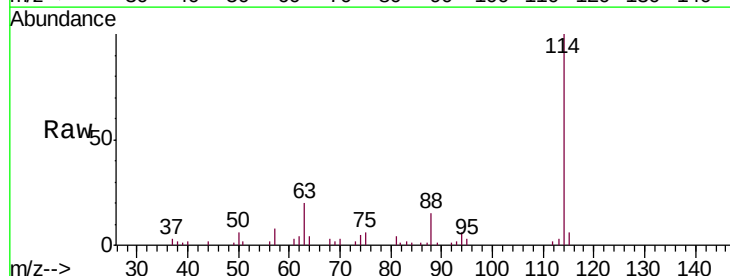
Instrument :
MSVOA_V
ClientSampled :
BFHA4RE

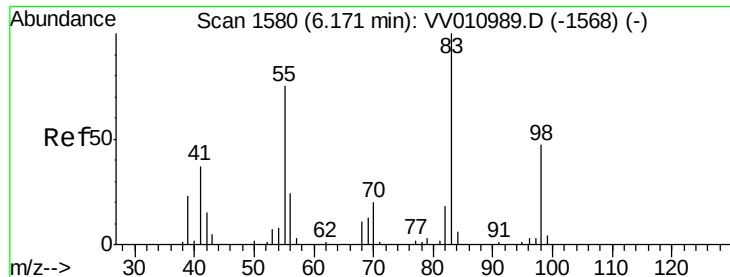
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#35
Trichloroethene
Concen: 1.589 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010995.D
Acq: 21 May 2019 11:27

Tgt Ion: 95 Resp: 666
Ion Ratio Lower Upper
95 100
97 0.0 43.4 80.6#
132 0.0 68.8 127.8#
130 0.0 69.9 129.9#

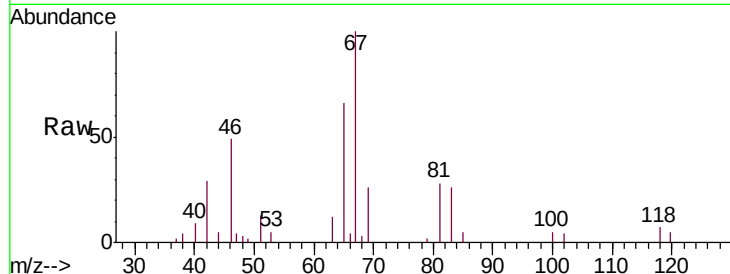




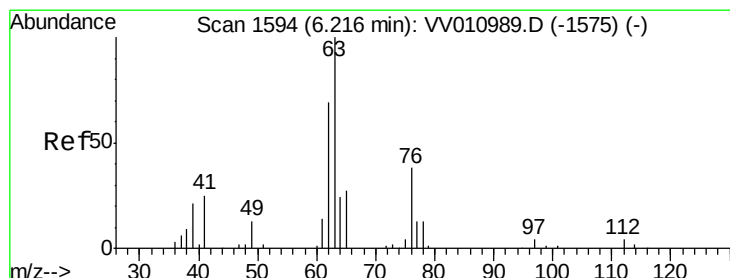
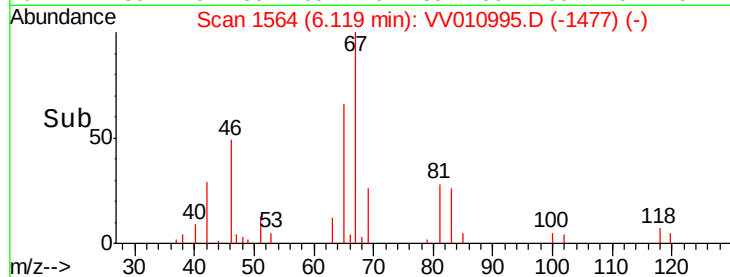
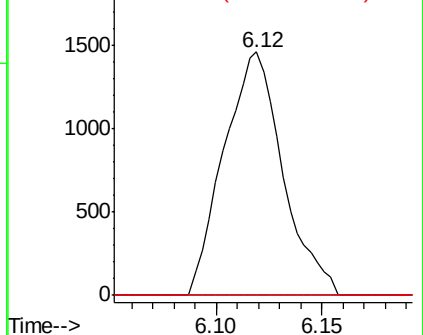
#36
Methylcyclohexane
Concen: 4.590 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010995.D
Acq: 21 May 2019 11:27

Instrument :
MSVOA_V
ClientSampleId :
BFHA4RE

Tgt Ion: 83 Resp: 2845
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.0 36.2 54.4#

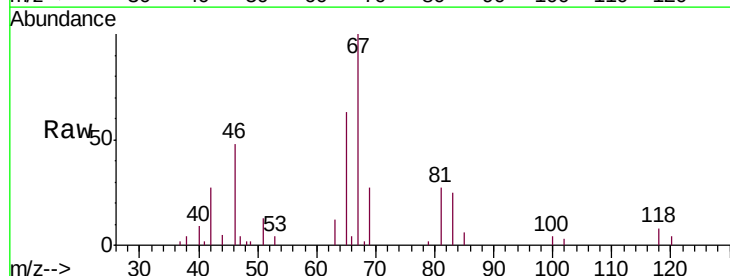


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

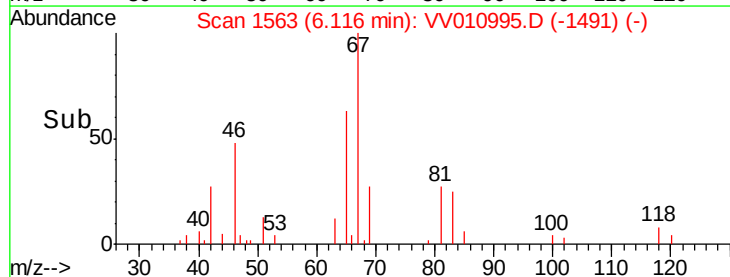
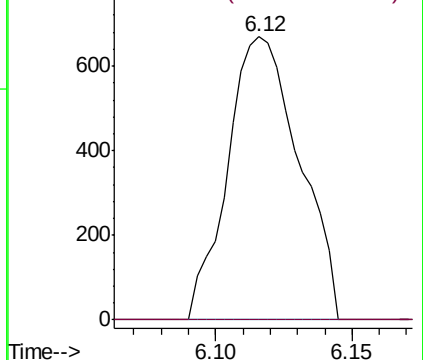


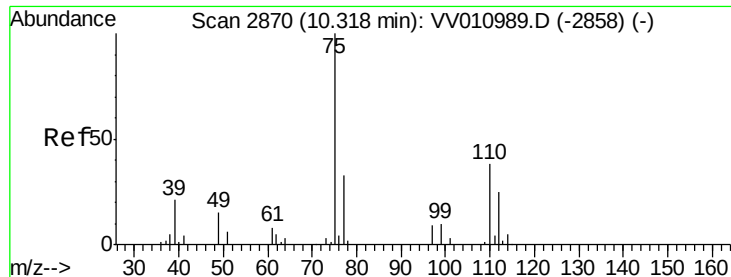
#40
1,2-Dichloropropane
Concen: 3.062 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010995.D
Acq: 21 May 2019 11:27

Tgt Ion: 63 Resp: 1221
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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: 1.397 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV010995.D

Acq: 21 May 2019 11:27

Instrument :

MSVOA_V

ClientSampleId :

BFHA4RE

Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

