

Data File : VV010984.D
Acq On : 21 May 2019 04:54
Operator : SY/MD
Sample : K2948-01
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA6

Quant Time: May 21 05:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135787	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25017	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.64%
7) Chloroethane-d5	1.55	69	18223	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
10) 1,1-Dichloroethene-d2	2.11	63	38188	12.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.32%
20) 2-Butanone-d5	3.93	46	17300	32.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.78%
24) Chloroform-d	4.39	84	71480	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	5.07	65	46222	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.20%
29) Benzene-d6	5.09	84	155231	22.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.88%
33) 1,2-Dichloropropane-d6	6.11	67	53781	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.08%
37) Toluene-d8	7.35	98	129285	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.40%
38) trans-1,3-Dichloropropene-	7.66	79	14599	16.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.52%
39) 2-Hexanone-d5	8.13	63	14092	34.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45832	21.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	38296	22.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.88%

Target Compounds

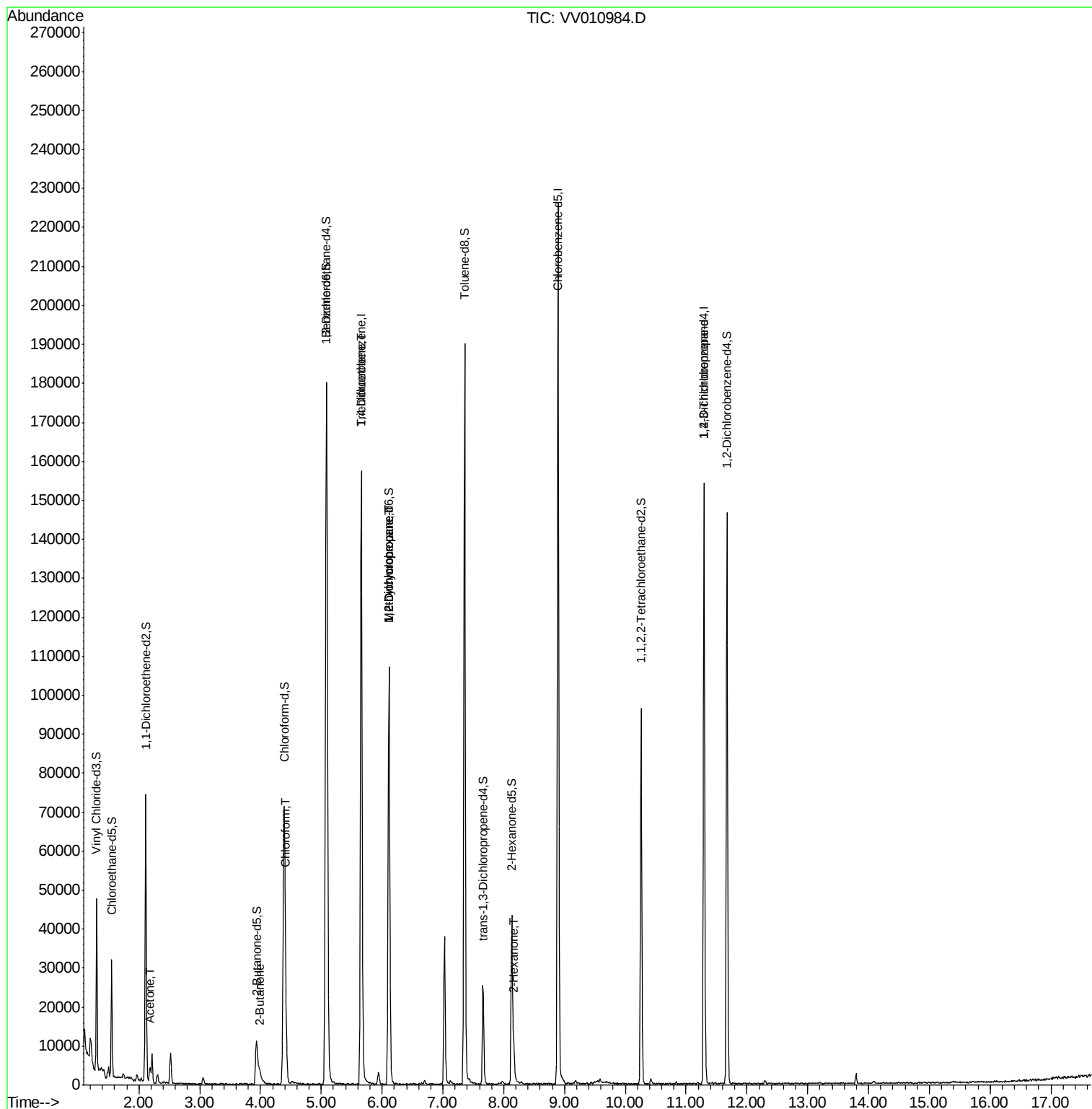
					Qvalue
13) Acetone	2.18	43	3819	7.414 ug/L	100
21) 2-Butanone	4.00	43	4464	6.333 ug/L #	51
25) Chloroform	4.42	83	9637	2.366 ug/L	93
35) Trichloroethene	5.65	95	3988	2.000 ug/L #	5
36) Methylcyclohexane	6.11	83	12568	4.264 ug/L #	21
40) 1,2-Dichloropropane	6.11	63	5861	3.091 ug/L #	86
49) 2-Hexanone	8.17	43	4159	4.190 ug/L #	41
59) 1,2,3-Trichloropropane	11.29	75	5189	3.320 ug/L	96

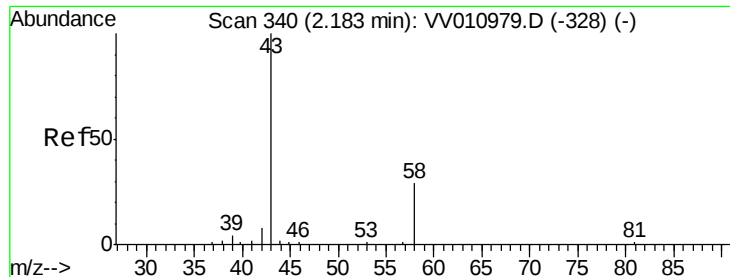
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010984.D
Acq On : 21 May 2019 04:54
Operator : SY/MD
Sample : K2948-01
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA6

Quant Time: May 21 05:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.414 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV010984.D

Acq: 21 May 2019 04:54

Instrument :

MSVOA_V

ClientSampled :

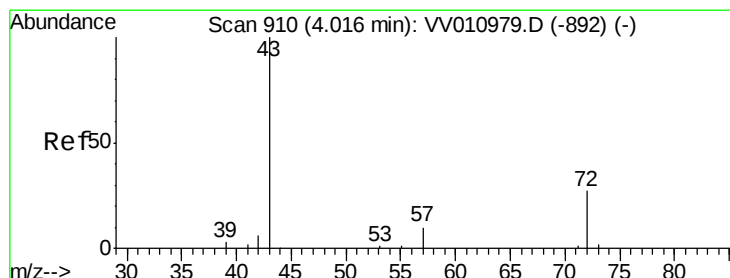
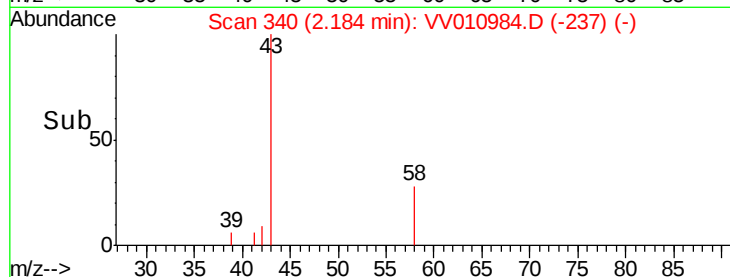
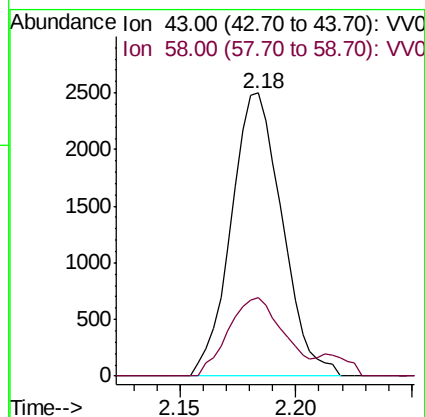
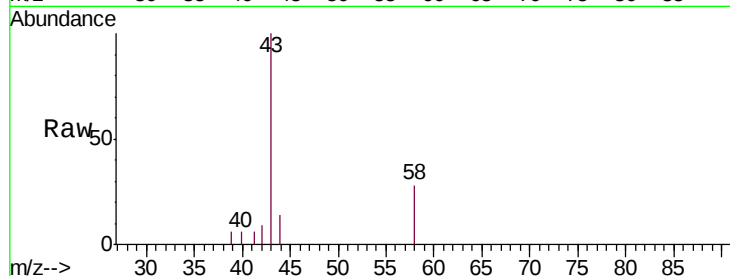
BFHA6

Tgt Ion: 43 Resp: 3819

Ion Ratio Lower Upper

43 100

58 30.2 0.0 60.8



#21

2-Butanone

Concen: 6.333 ug/L

RT: 4.00 min Scan# 904

Delta R.T. -0.02 min

Lab File: VV010984.D

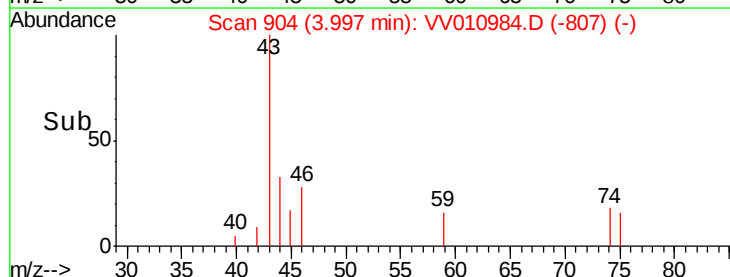
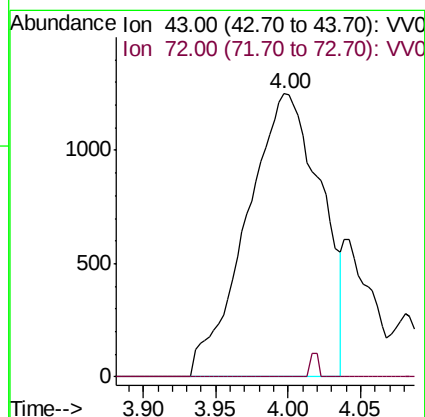
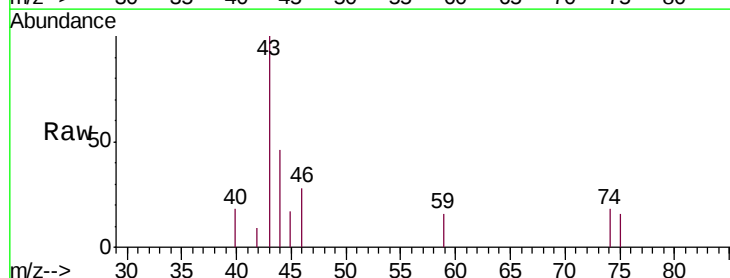
Acq: 21 May 2019 04:54

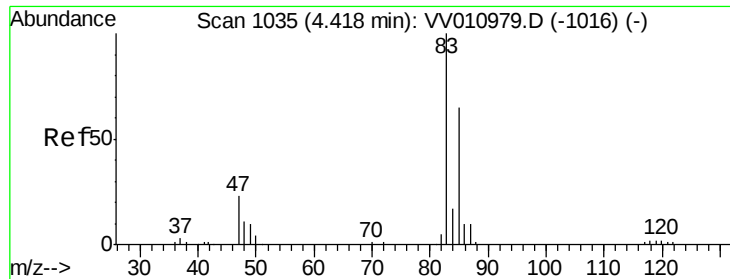
Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

43 100

72 0.9 13.1 39.3#

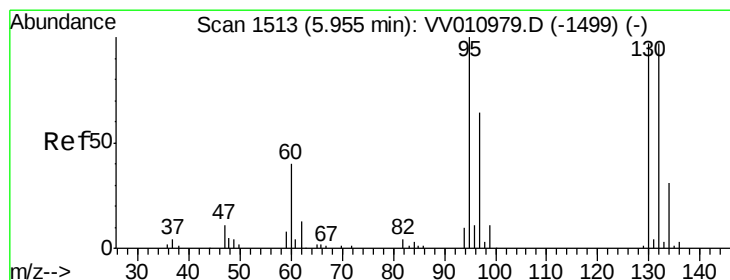
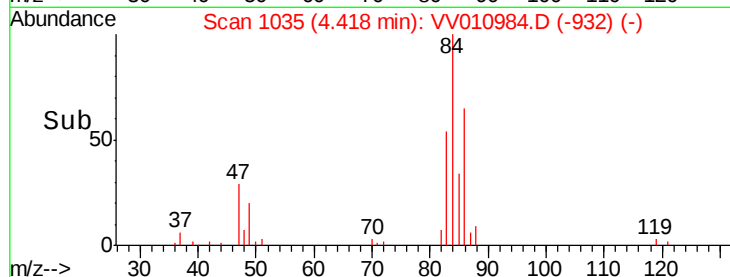
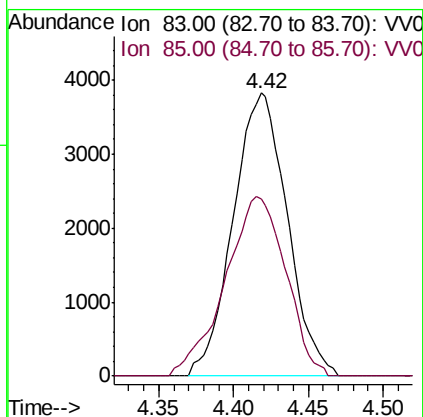
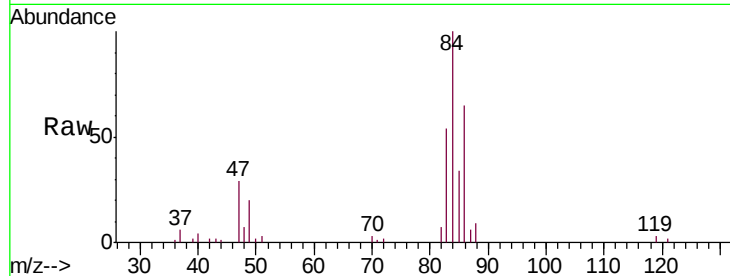




#25
Chloroform
Concen: 2.366 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

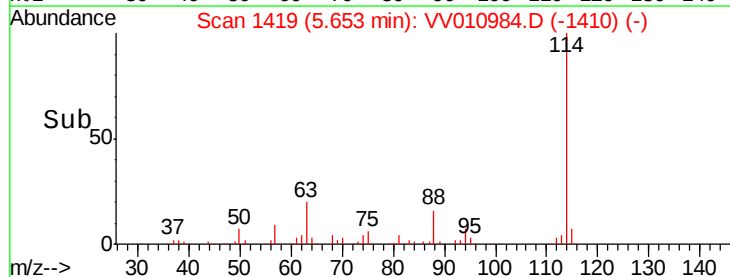
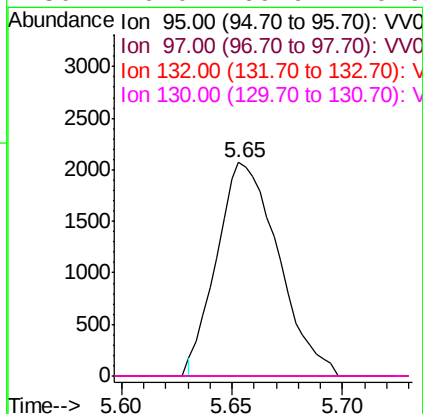
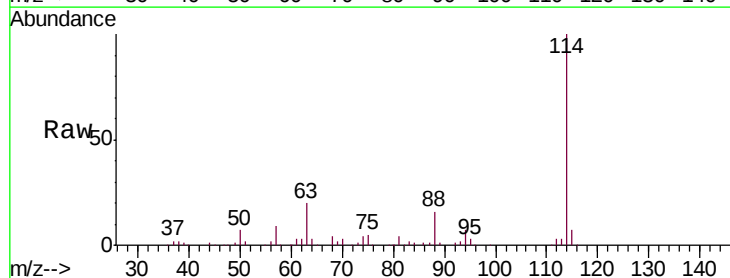
Instrument :
MSVOA_V
ClientSampleId :
BFHA6

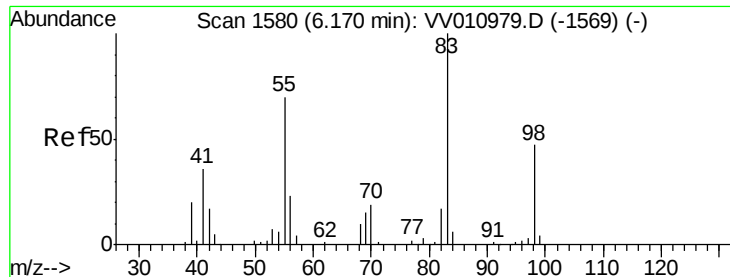
Tgt Ion: 83 Resp: 9637
Ion Ratio Lower Upper
83 100
85 70.9 45.6 84.8



#35
Trichloroethene
Concen: 2.000 ug/L
RT: 5.65 min Scan# 1419
Delta R.T. -0.30 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

Tgt Ion: 95 Resp: 3988
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#

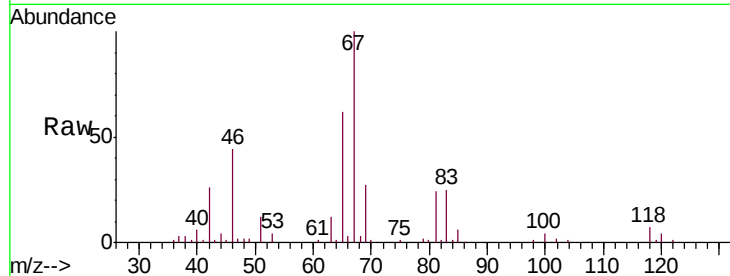




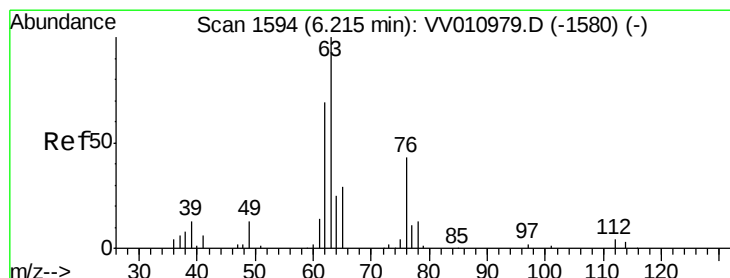
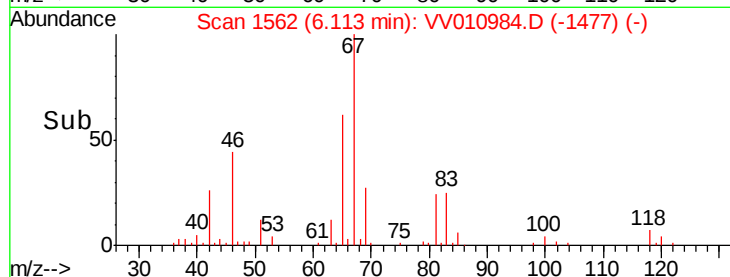
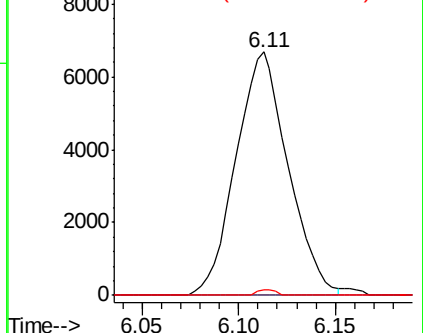
#36
Methylcyclohexane
Concen: 4.264 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

Instrument :
MSVOA_V
ClientSampleId :
BFHA6

Tgt Ion: 83 Resp: 12568
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.8 36.2 54.4#

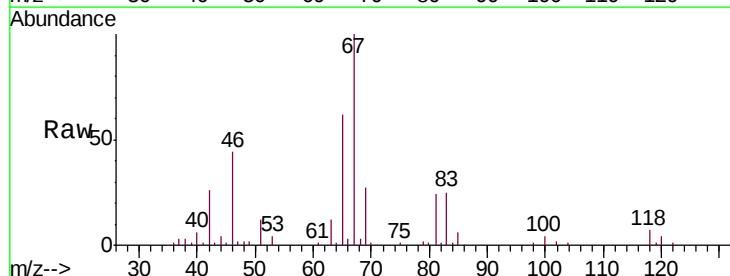


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

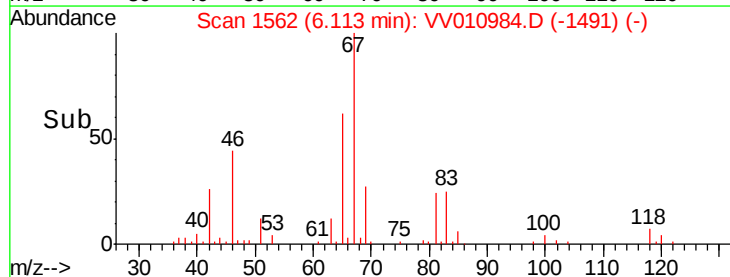
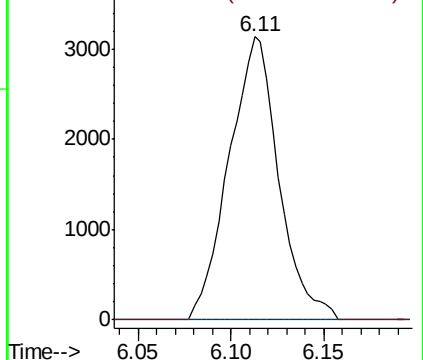


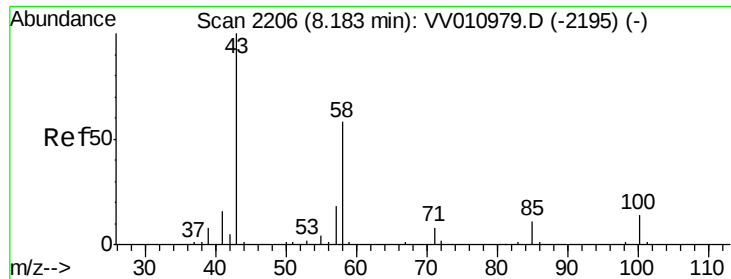
#40
1,2-Dichloropropane
Concen: 3.091 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

Tgt Ion: 63 Resp: 5861
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

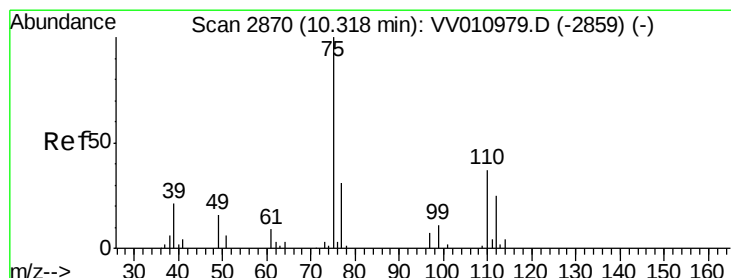
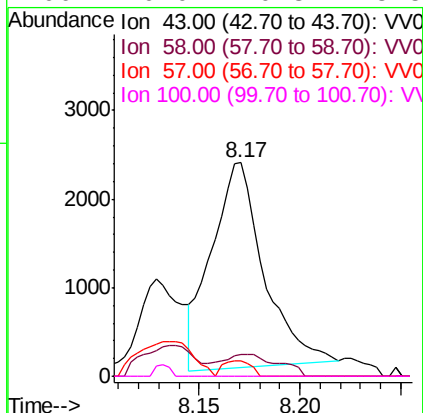
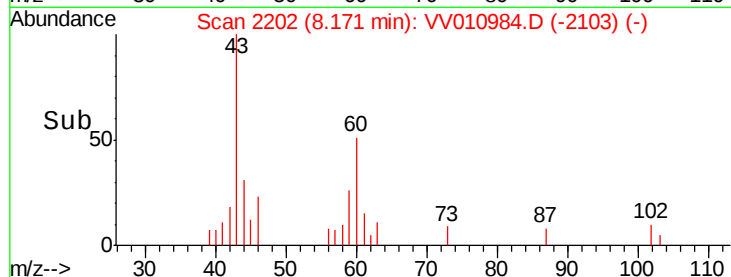
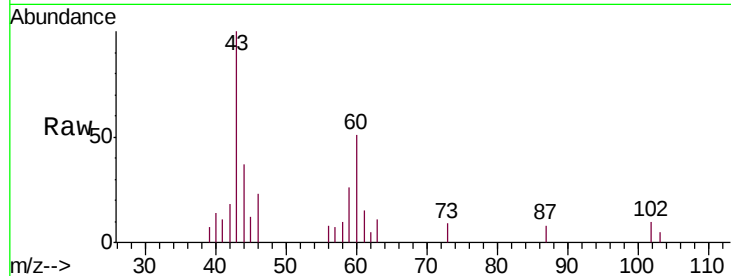




#49
2-Hexanone
Concen: 4.190 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

Instrument :
MSVOA_V
ClientSampleId :
BFHA6

Tgt Ion: 43 Resp: 4159
Ion Ratio Lower Upper
43 100
58 3.3 46.0 69.0#
57 4.1 14.5 21.7#
100 0.0 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 3.320 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010984.D
Acq: 21 May 2019 04:54

Tgt Ion: 75 Resp: 5189
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2

