

Data File : VV010938.D
Acq On : 16 May 2019 19:50
Operator : SY/MD
Sample : K2737-08
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 17 06:32:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126136	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37572	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	1.56	69	27983	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.88%
10) 1,1-Dichloroethene-d2	2.12	63	55983	18.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.64%
20) 2-Butanone-d5	3.94	46	25479	50.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.80%
24) Chloroform-d	4.40	84	78212	21.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	5.08	65	47416	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	5.09	84	169578	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	6.11	67	53999	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.00%
37) Toluene-d8	7.36	98	152325	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	7.66	79	20009	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	8.13	63	16983	40.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48354	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	55676	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

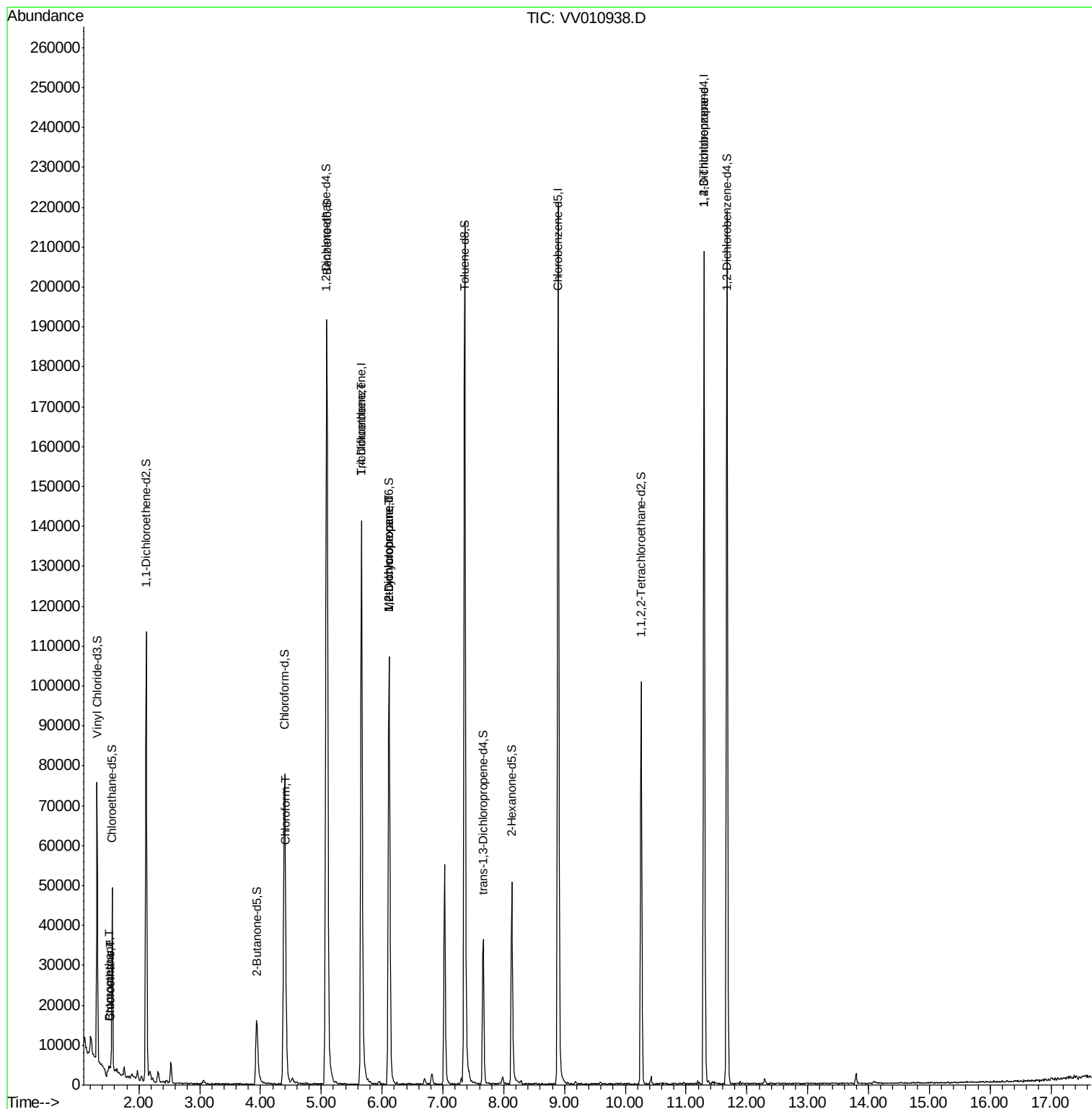
					Qvalue
6) Bromomethane	1.51	94	380	0.907 ug/L	95
8) Chloroethane	1.53	64	1641	1.758 ug/L #	60
25) Chloroform	4.42	83	4715	1.297 ug/L	83
35) Trichloroethene	5.66	95	3621	1.920 ug/L #	5
36) Methylcyclohexane	6.11	83	12542	4.780 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5879	2.967 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	6694	4.384 ug/L	93

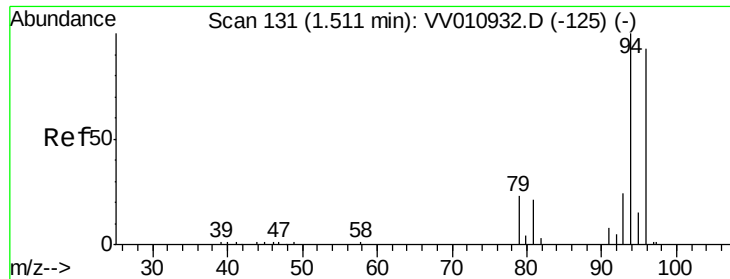
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.907 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

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Acq: 16 May 2019 19:50

Instrument :

MSVOA_V

ClientSampleId :

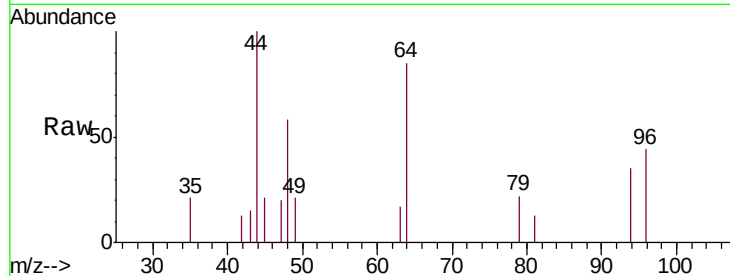
VHBLK01

Tgt Ion: 94 Resp: 380

Ion Ratio Lower Upper

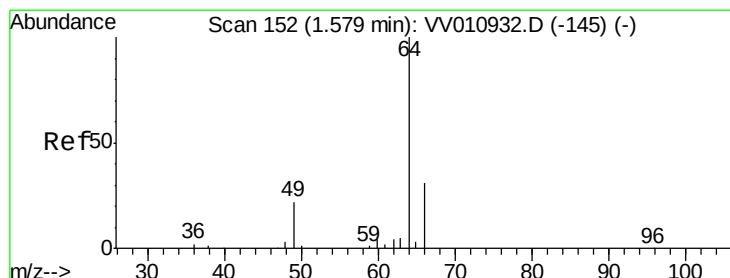
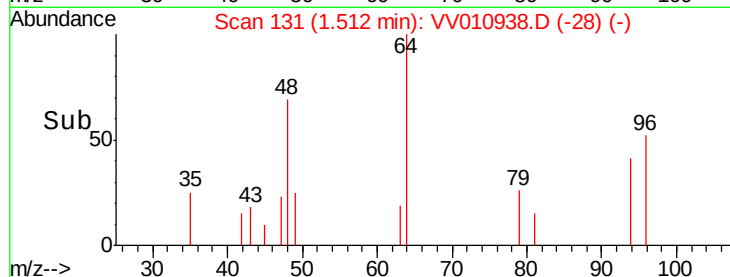
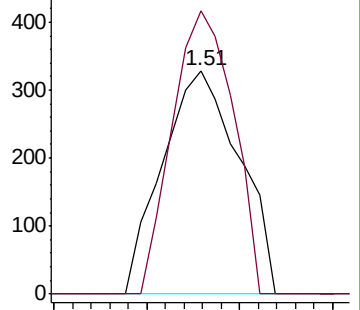
94 100

96 100.8 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#8

Chloroethane

Concen: 1.758 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.05 min

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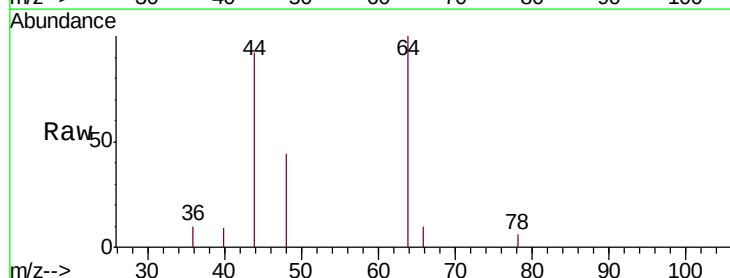
Acq: 16 May 2019 19:50

Tgt Ion: 64 Resp: 1641

Ion Ratio Lower Upper

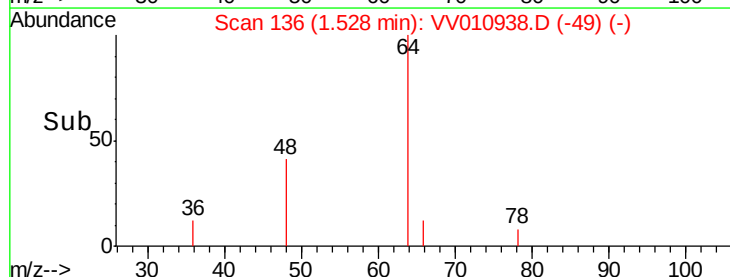
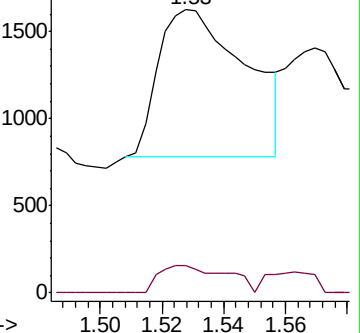
64 100

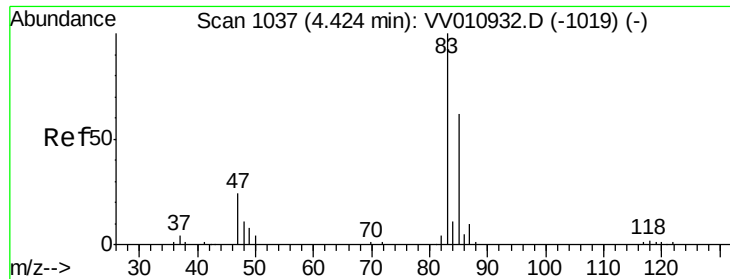
66 9.6 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

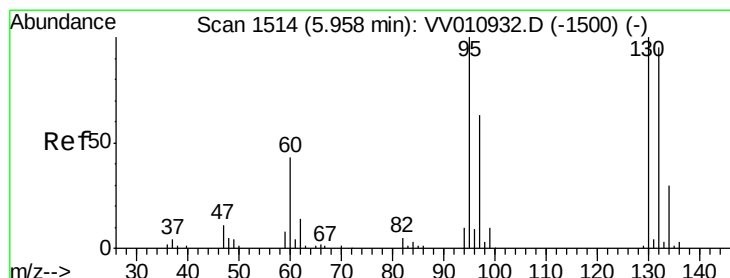
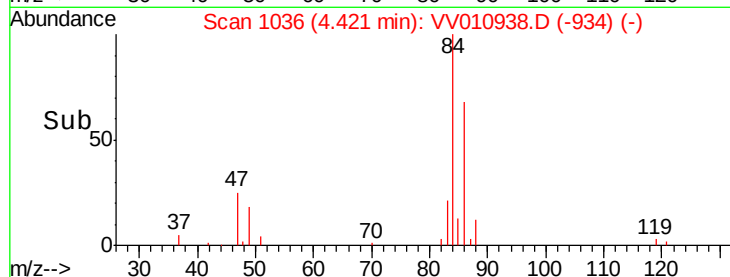
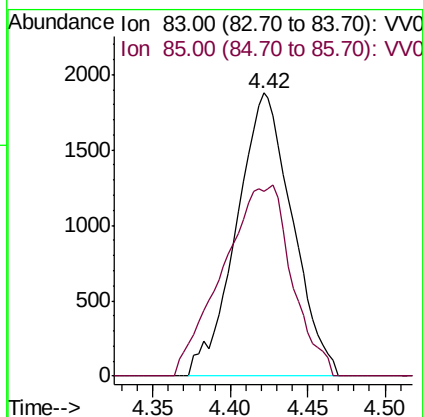
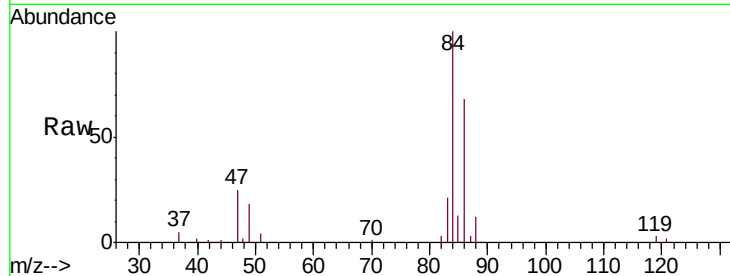




#25
Chloroform
Concen: 1.297 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010938.D
Acq: 16 May 2019 19:50

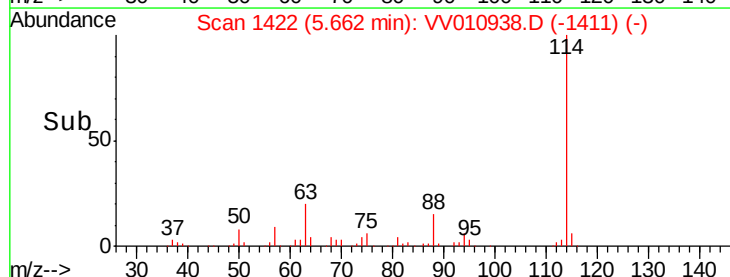
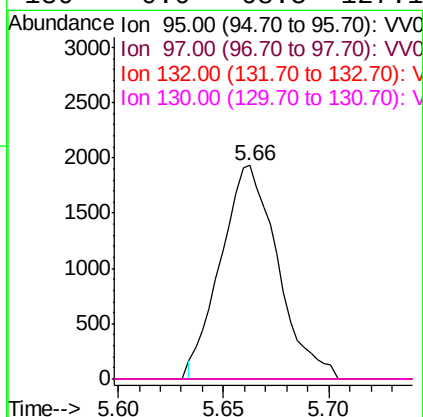
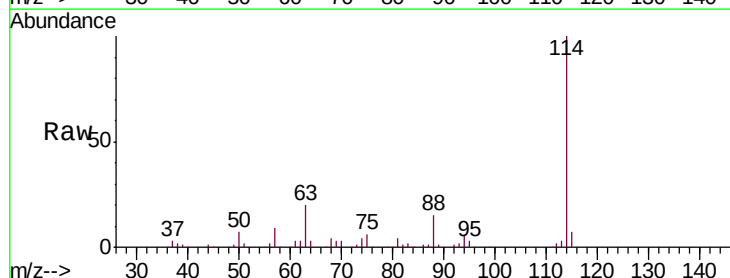
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

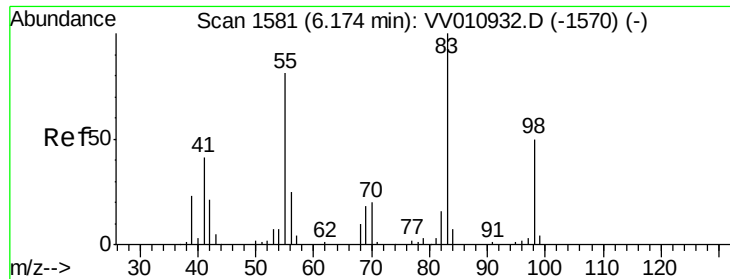
Tgt Ion: 83 Resp: 4715
Ion Ratio Lower Upper
83 100
85 51.1 45.3 84.1



#35
Trichloroethene
Concen: 1.920 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010938.D
Acq: 16 May 2019 19:50

Tgt Ion: 95 Resp: 3621
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#

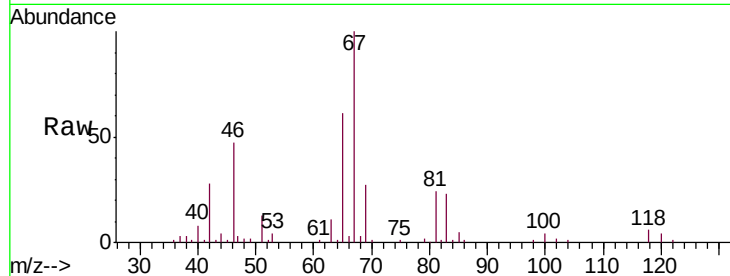




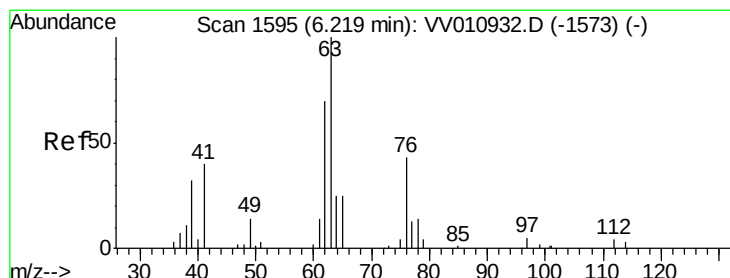
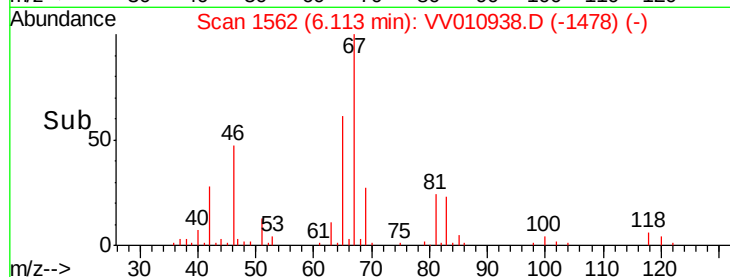
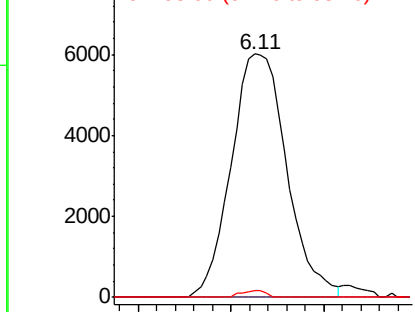
#36
Methylcyclohexane
Concen: 4.780 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010938.D
Acq: 16 May 2019 19:50

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 12542
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.2 37.2 55.8#

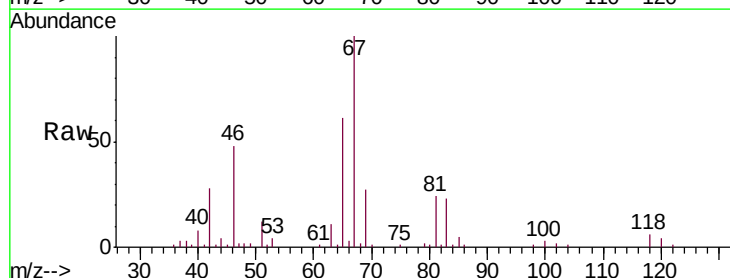


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

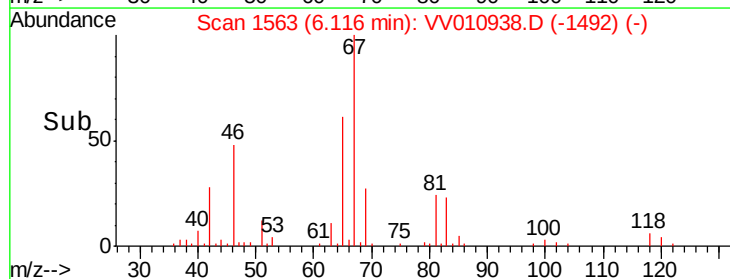
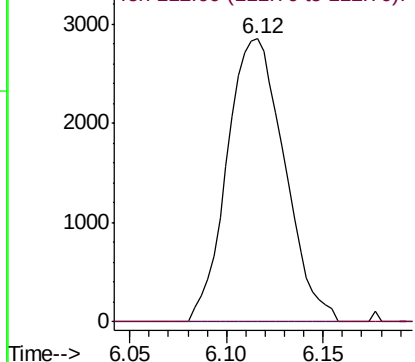


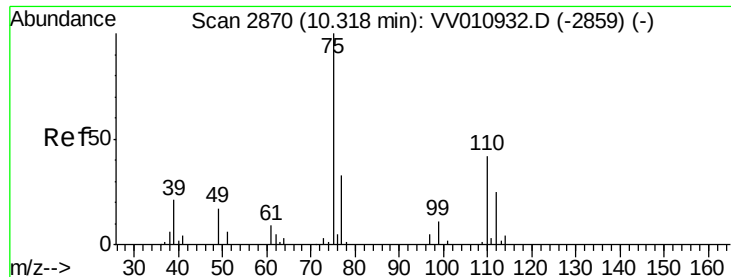
#40
1,2-Dichloropropane
Concen: 2.967 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010938.D
Acq: 16 May 2019 19:50

Tgt Ion: 63 Resp: 5879
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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: 4.384 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010938.D

Acq: 16 May 2019 19:50

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 6694

Ion Ratio Lower Upper

75 100

77 37.0 26.4 39.6

