

Data File : VV010937.D
Acq On : 16 May 2019 19:22
Operator : SY/MD
Sample : K2798-13
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 17 06:32:06 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	118453	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	121801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38142	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
7) Chloroethane-d5	1.57	69	28224	28.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.80%
10) 1,1-Dichloroethene-d2	2.12	63	57235	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.16%
20) 2-Butanone-d5	3.94	46	28949	60.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.94%
24) Chloroform-d	4.40	84	79122	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	49276	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	5.09	84	170492	25.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.16%
33) 1,2-Dichloropropane-d6	6.12	67	54527	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	7.36	98	155805	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	7.66	79	21652	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.32%
39) 2-Hexanone-d5	8.13	63	19219	47.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51748	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	56830	25.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.64%

Target Compounds

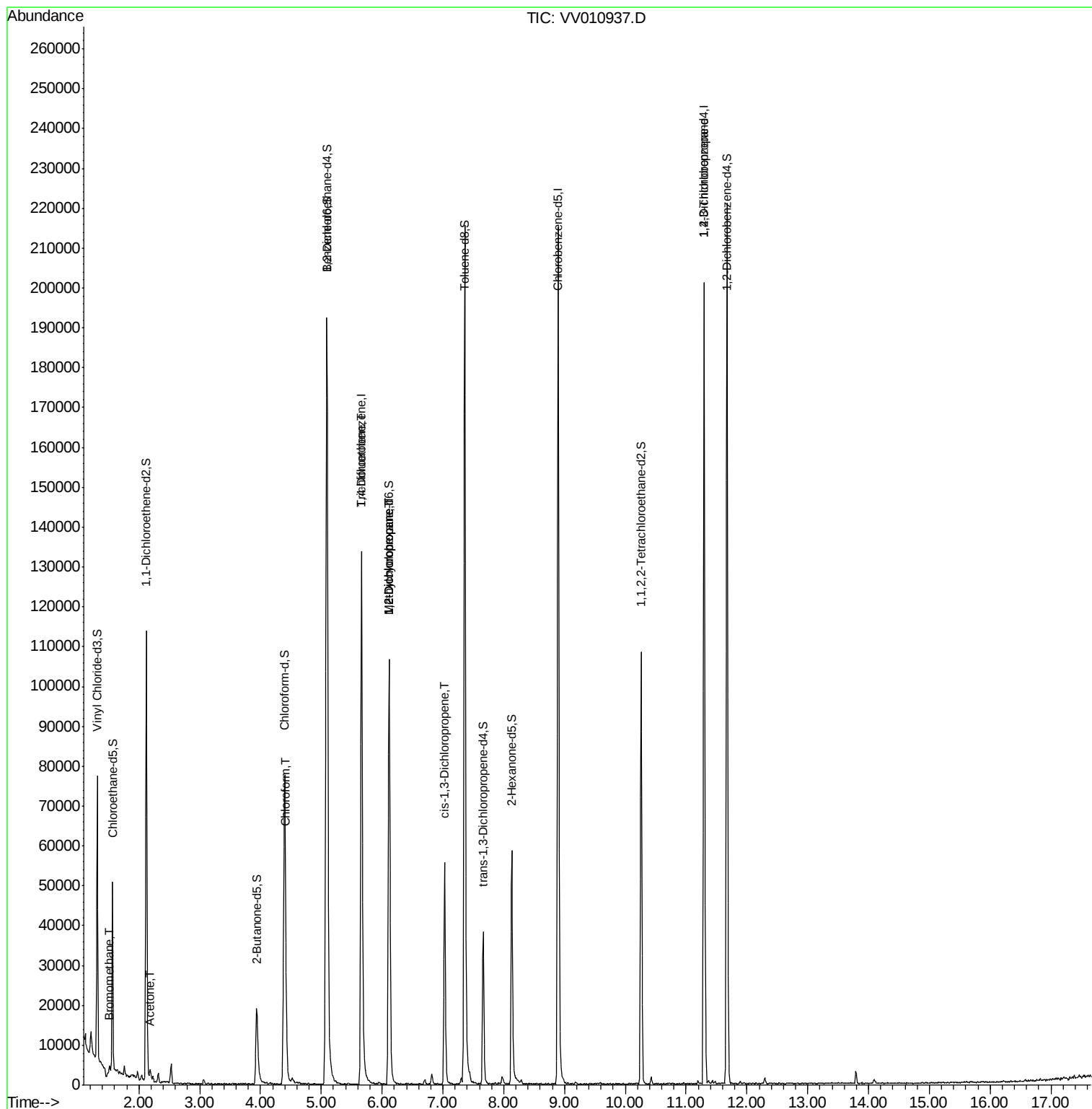
					Qvalue
6) Bromomethane	1.51	94	347	0.882 ug/L	91
13) Acetone	2.20	43	875	1.809 ug/L	86
25) Chloroform	4.42	83	3002	0.879 ug/L	79
35) Trichloroethene	5.66	95	3348	1.820 ug/L #	5
36) Methylcyclohexane	6.12	83	12216	4.771 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5861	3.031 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1601	0.568 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	6864	4.606 ug/L	88

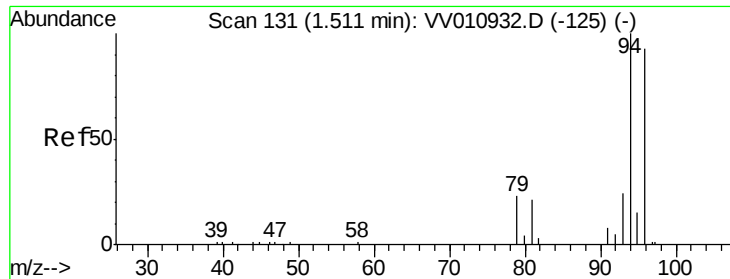
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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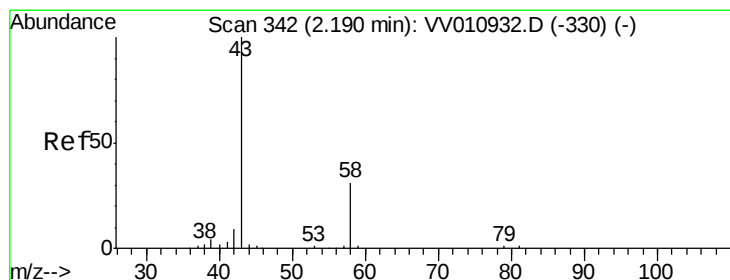
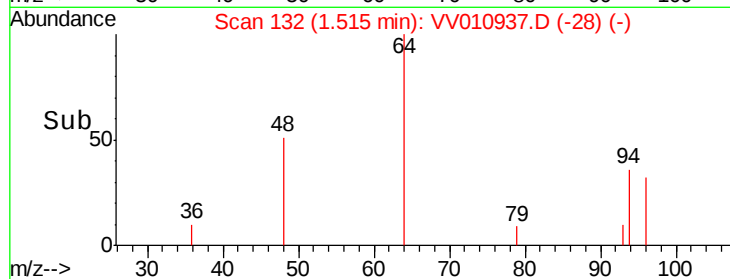
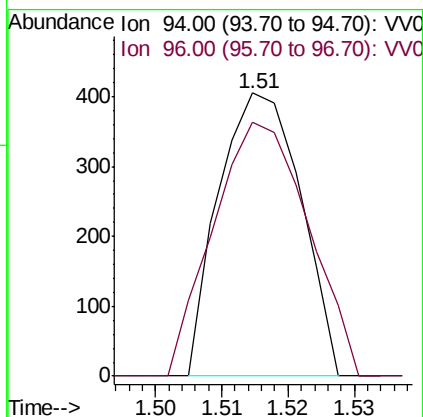
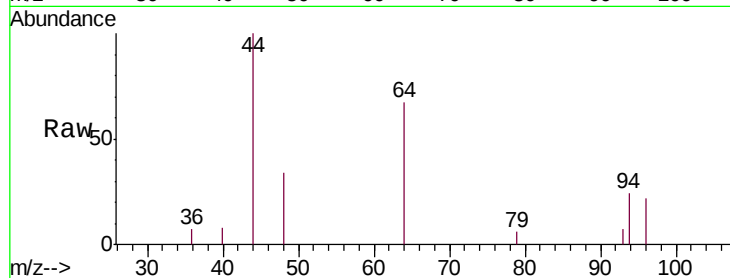




#6
Bromomethane
Concen: 0.882 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

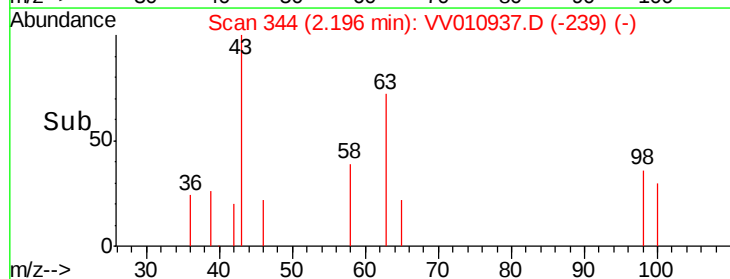
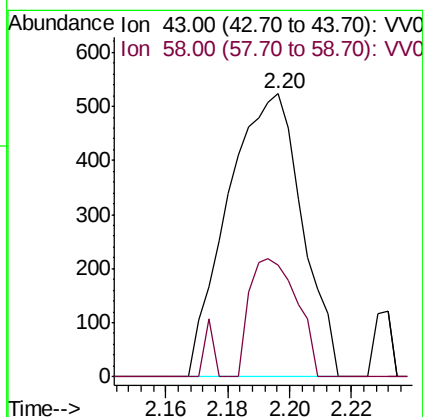
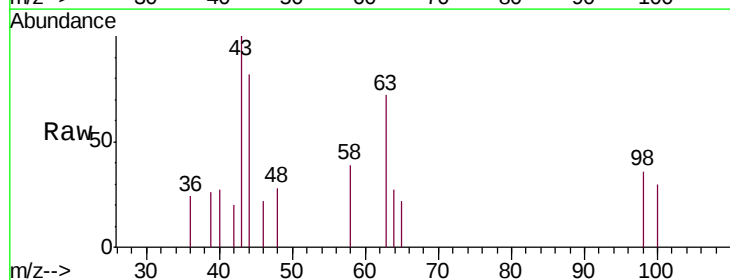
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

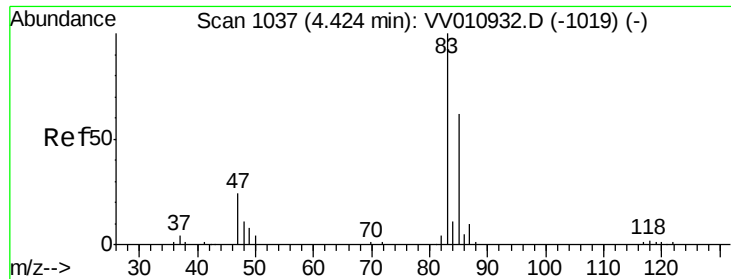
Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 104.3 9.6 181.6



#13
Acetone
Concen: 1.809 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 26.7 0.0 69.2





#25

Chloroform

Concen: 0.879 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010937.D

Acq: 16 May 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

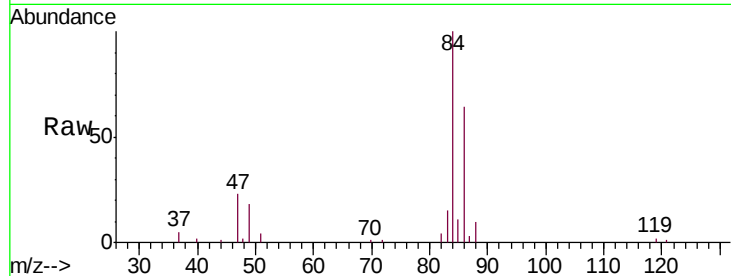
VHBLK01

Tgt Ion: 83 Resp: 3002

Ion Ratio Lower Upper

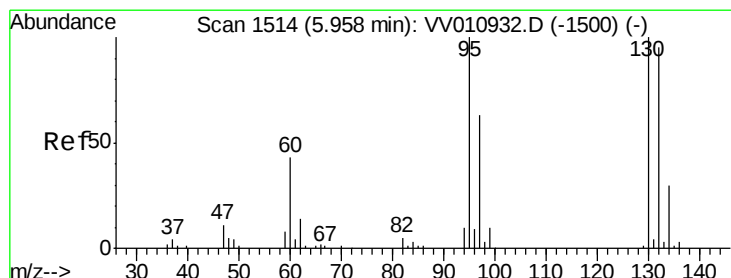
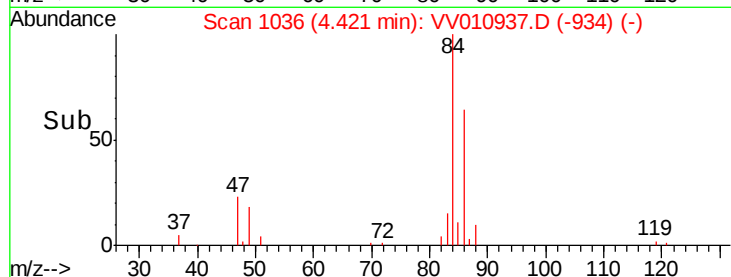
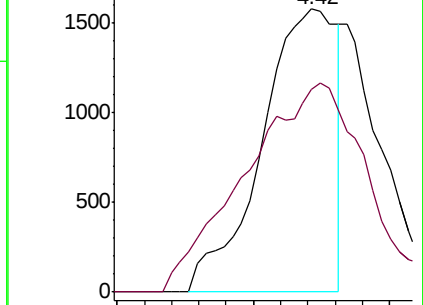
83 100

85 48.6 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010937.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010937.D (-1019) (-)



#35

Trichloroethene

Concen: 1.820 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010937.D

Acq: 16 May 2019 19:22

Tgt Ion: 95 Resp: 3348

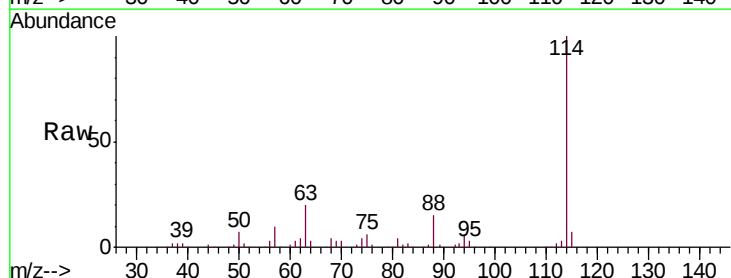
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#

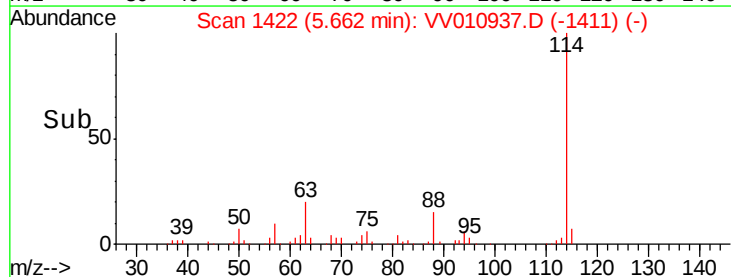
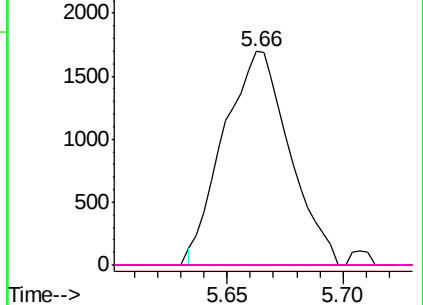


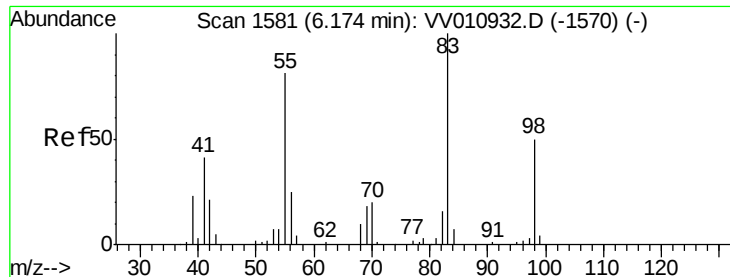
Abundance Ion 95.00 (94.70 to 95.70): VV010937.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010937.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010937.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010937.D (-1411) (-)

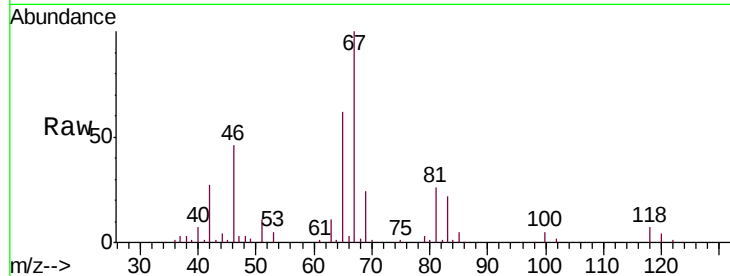




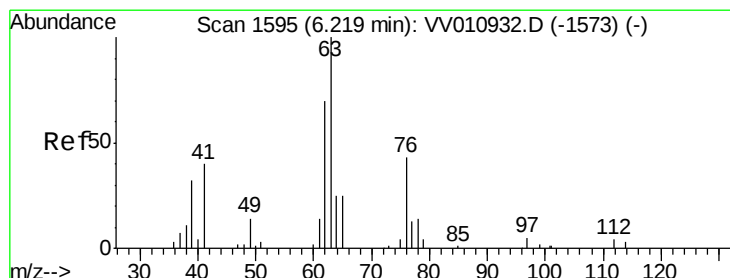
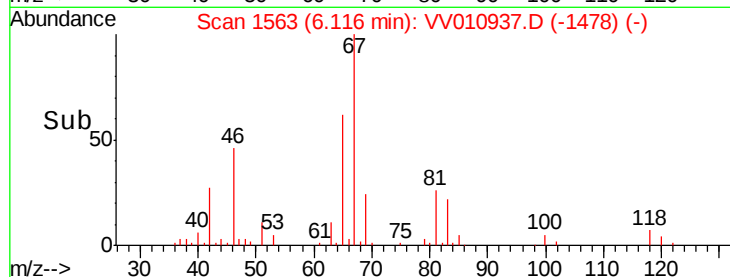
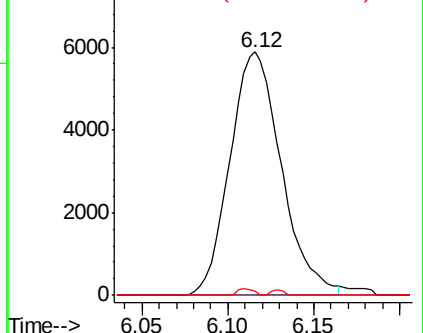
#36
Methylcyclohexane
Concen: 4.771 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.9	37.2	55.8#

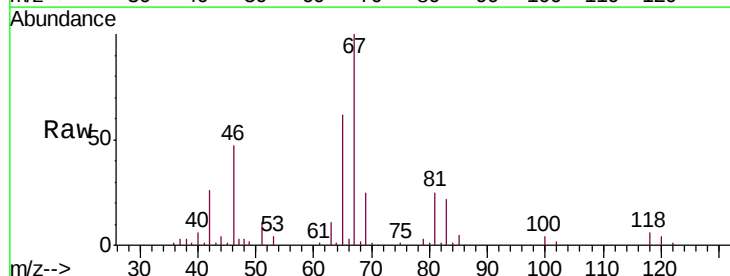


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

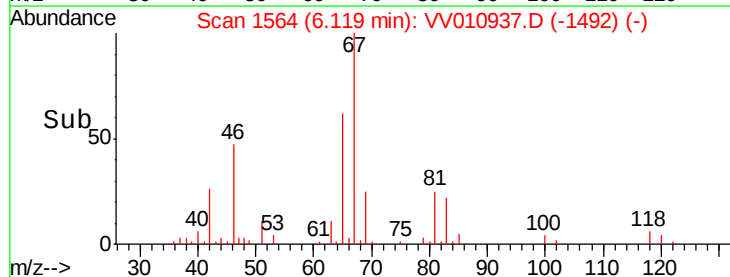
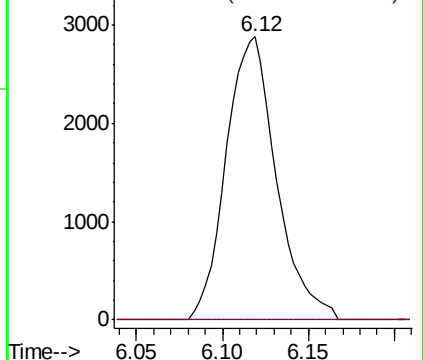


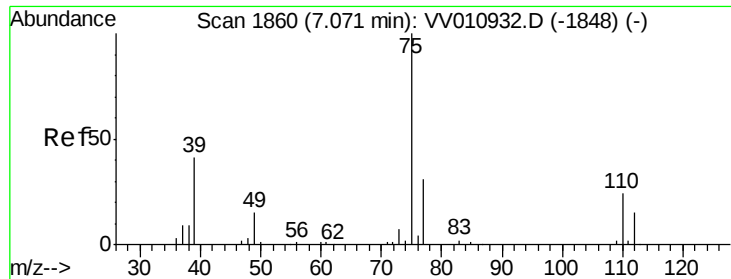
#40
1,2-Dichloropropane
Concen: 3.031 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

Tgt 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



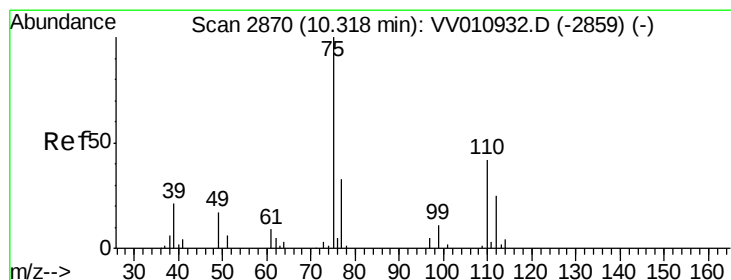
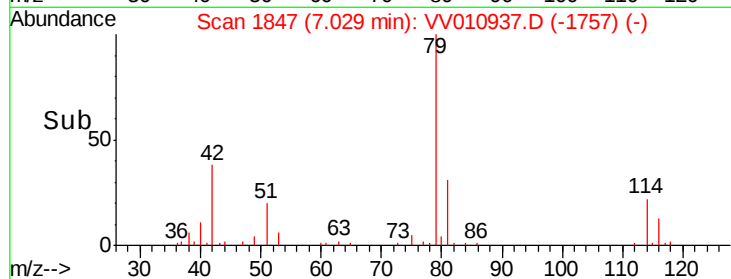
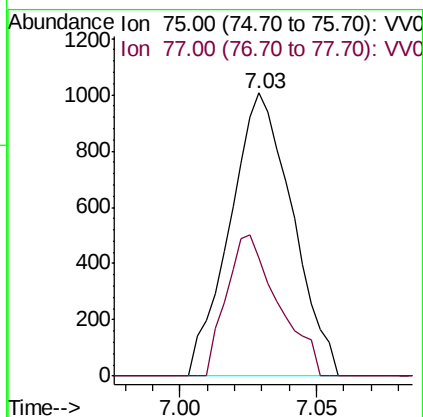
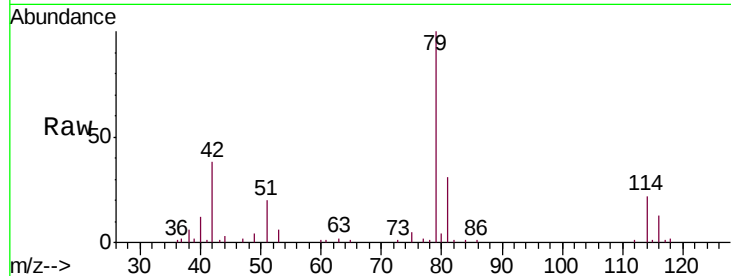


#42

cis-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

Instrument :
MSVOA_V
ClientSampled :
VHBLK01

Tgt Ion: 75 Resp: 1601
Ion Ratio Lower Upper
75 100
77 41.7 21.5 39.9#



#59

1,2,3-Trichloropropane
Concen: 4.606 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010937.D
Acq: 16 May 2019 19:22

Tgt Ion: 75 Resp: 6864
Ion Ratio Lower Upper
75 100
77 39.5 26.4 39.6

