

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061819\
 Data File : VV011567.D
 Acq On : 18 Jun 2019 11:26
 Operator : SY/MD
 Sample : VIBLK23
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK23

Quant Time: Jun 18 11:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 11:44:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173243	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60469	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	47359	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.12	63	93911	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	176989	48.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	4.40	84	124311	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	72548	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.09	84	250271	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.11	67	78674	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	214646	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.66	79	23200	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	134212	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50797	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69217	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

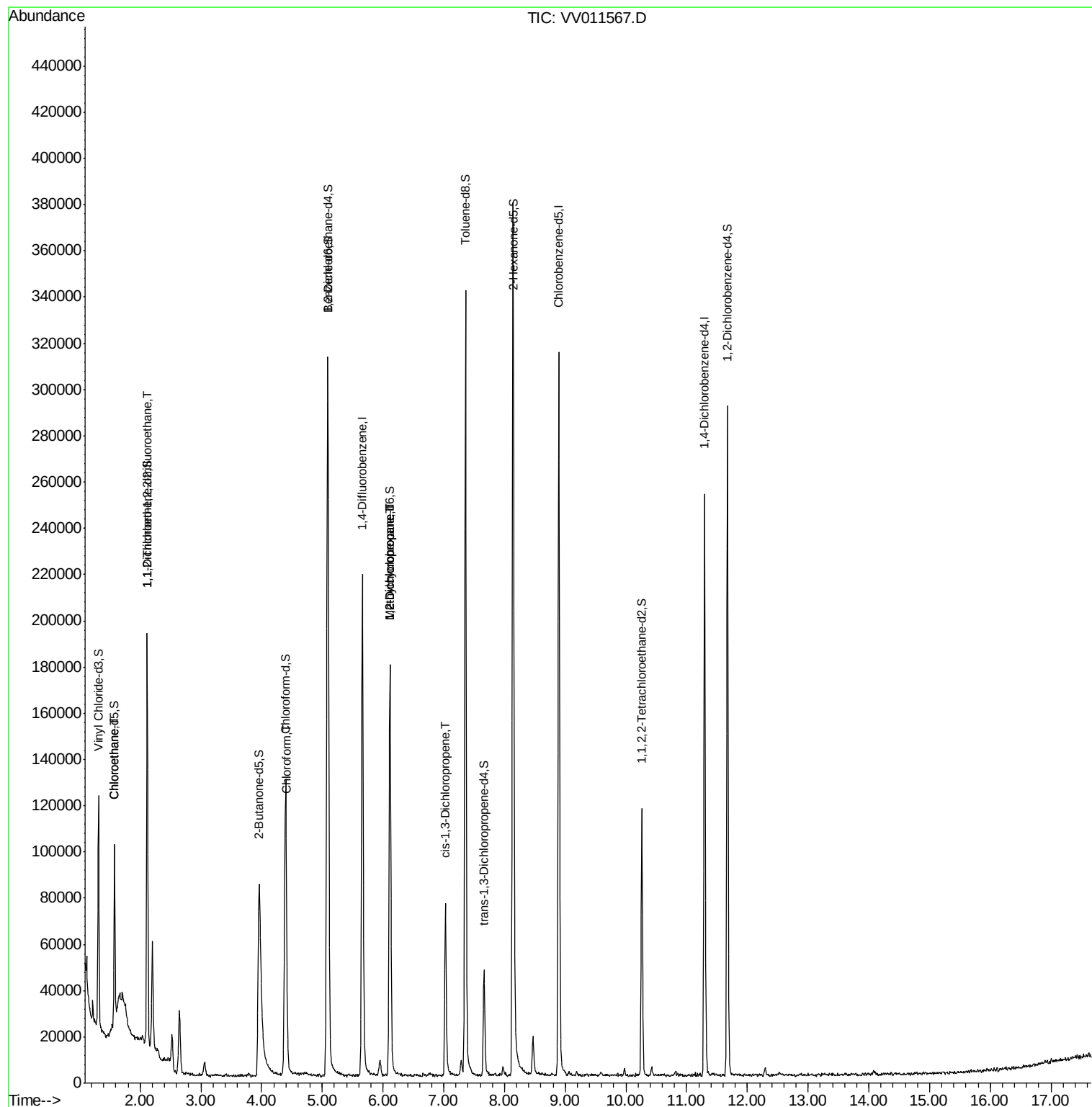
					Qvalue
8) Chloroethane	1.58	64	1310	0.164 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	839	0.081 ug/L #	24
25) Chloroform	4.41	83	2488	0.098 ug/L #	56
35) Methylcyclohexane	6.12	83	18631	0.994 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10479	0.764 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2166	0.125 ug/L #	71

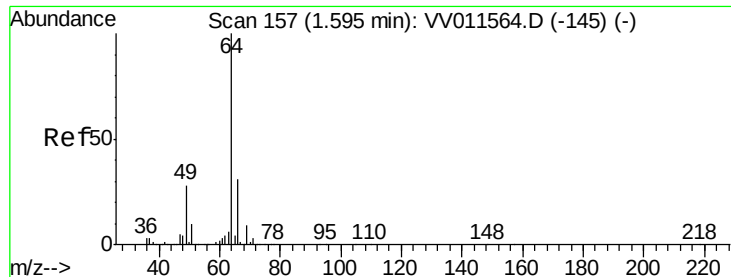
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.164 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV011567.D

Acq: 18 Jun 2019 11:26

Instrument :

MSVOA_V

ClientSampleId :

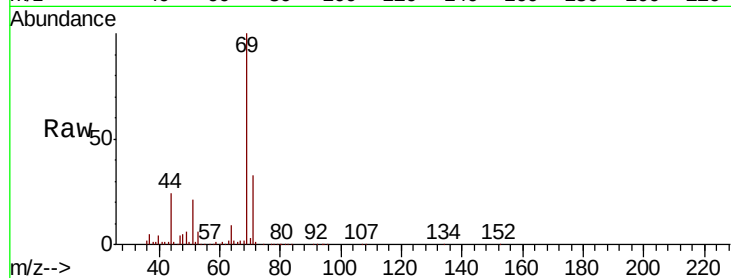
VIBLK23

Tgt Ion: 64 Resp: 1310

Ion Ratio Lower Upper

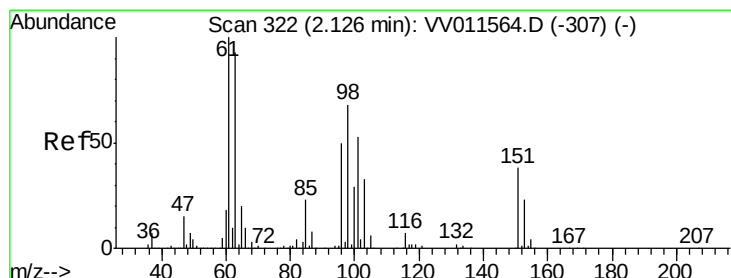
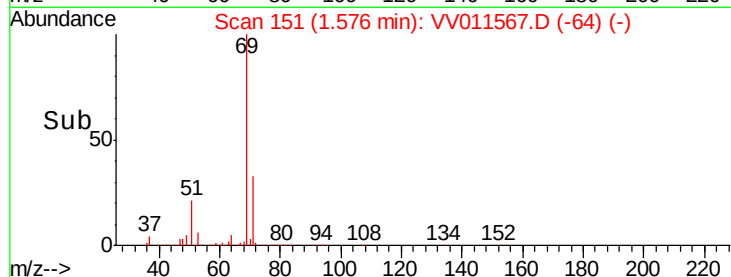
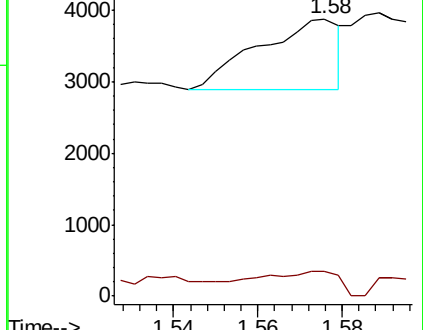
64 100

66 9.1 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV011564.D (-145) (-)

Ion 66.05 (65.75 to 66.75): VV011564.D (-145) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011567.D

Acq: 18 Jun 2019 11:26

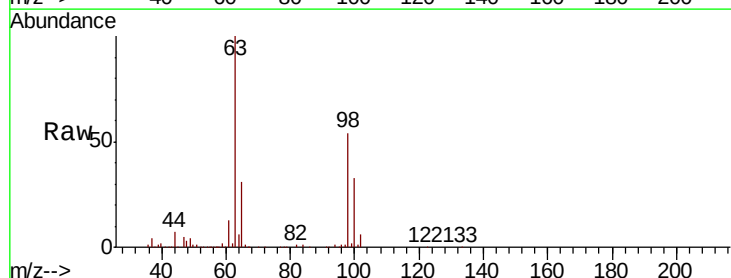
Tgt Ion: 101 Resp: 839

Ion Ratio Lower Upper

101 100

85 8.3 37.3 55.9#

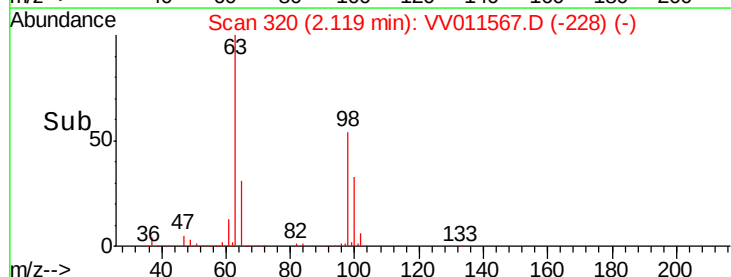
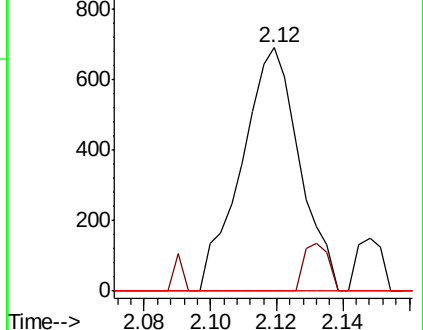
151 0.0 59.4 89.2#

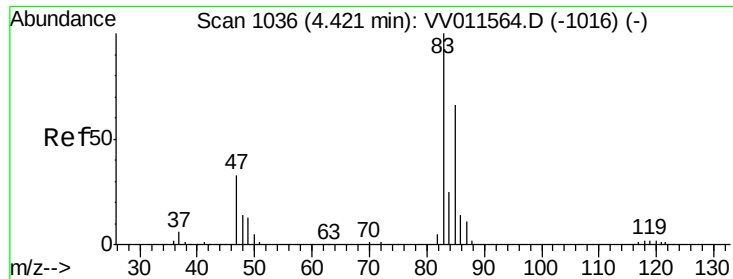


Abundance Ion 101.00 (100.70 to 101.70): VV011564.D (-307) (-)

Ion 85.00 (84.70 to 85.70): VV011564.D (-307) (-)

Ion 151.00 (150.70 to 151.70): VV011564.D (-307) (-)

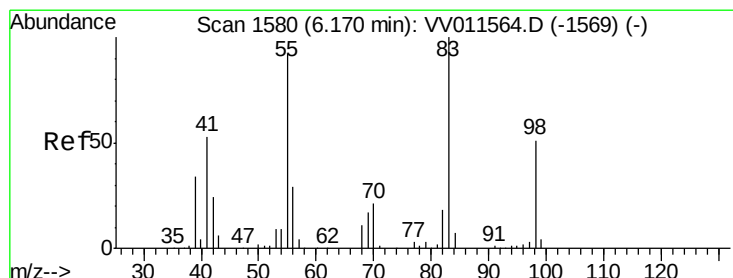
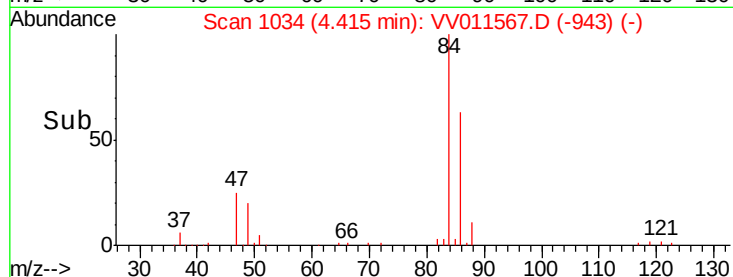
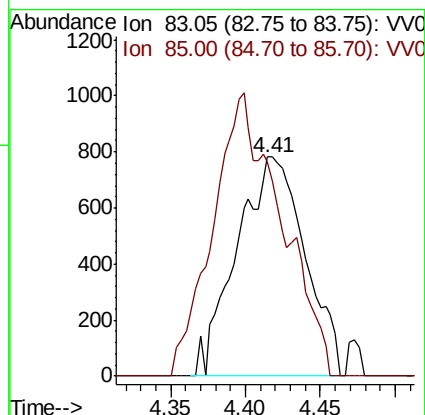
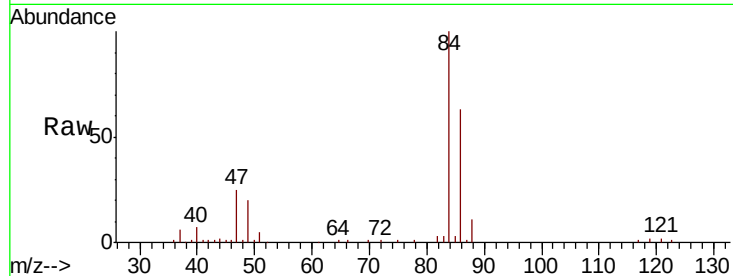




#25
Chloroform
Concen: 0.098 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV011567.D
Acq: 18 Jun 2019 11:26

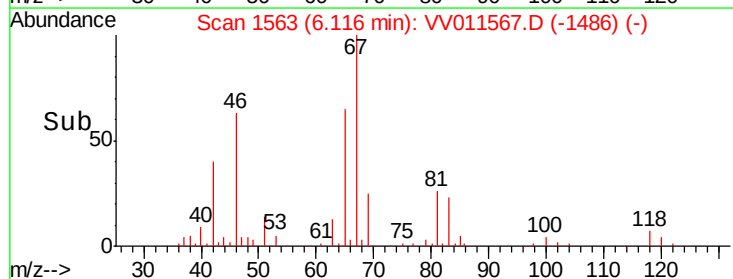
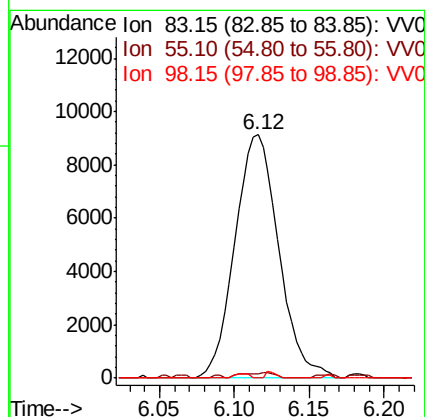
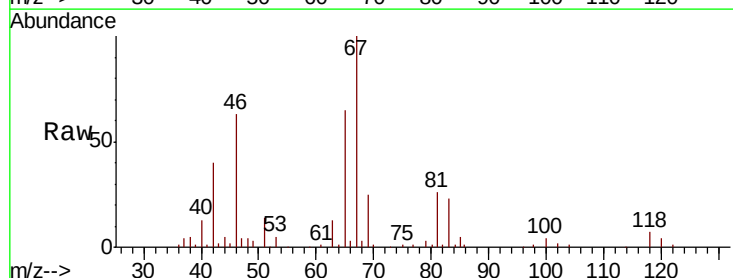
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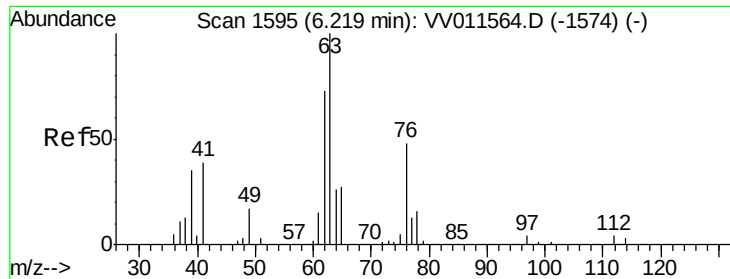
Tgt Ion: 83 Resp: 2488
Ion Ratio Lower Upper
83 100
85 98.0 44.6 82.8#



#35
Methylcyclohexane
Concen: 0.994 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011567.D
Acq: 18 Jun 2019 11:26

Tgt Ion: 83 Resp: 18631
Ion Ratio Lower Upper
83 100
55 0.8 67.9 101.9#
98 0.6 39.6 59.4#

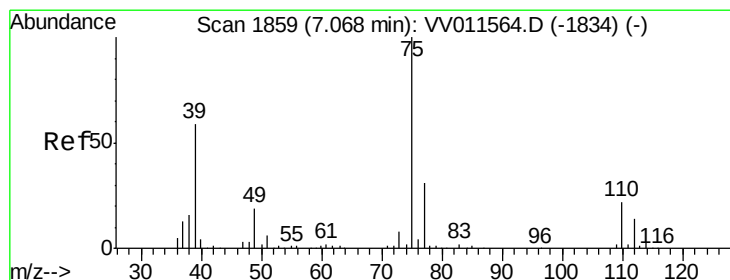
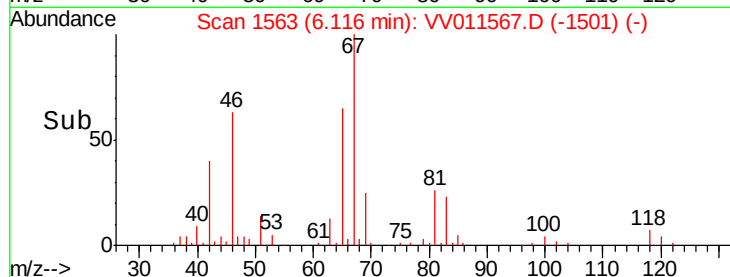
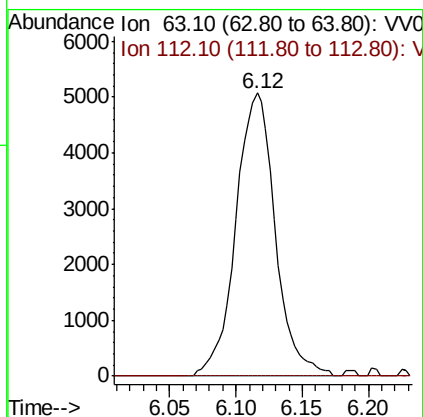
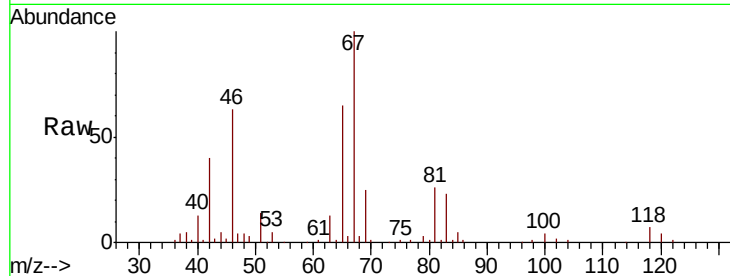




#37
 1,2-Dichloropropane
 Concen: 0.764 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011567.D
 Acq: 18 Jun 2019 11:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK23

Tgt Ion: 63 Resp: 10479
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011567.D
 Acq: 18 Jun 2019 11:26

Tgt Ion: 75 Resp: 2166
 Ion Ratio Lower Upper
 75 100
 77 45.3 20.6 38.4#

