

Data File : VV011357.D
Acq On : 10 Jun 2019 18:28
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK46

Quant Time: Jun 11 01:37:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42892	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.55	69	40447	4.36	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	71046	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.94	46	137168	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.40	84	91671	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	54185	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.09	84	183709	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.11	67	57448	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	154095	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	16309	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.13	63	105292	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41174	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52510	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

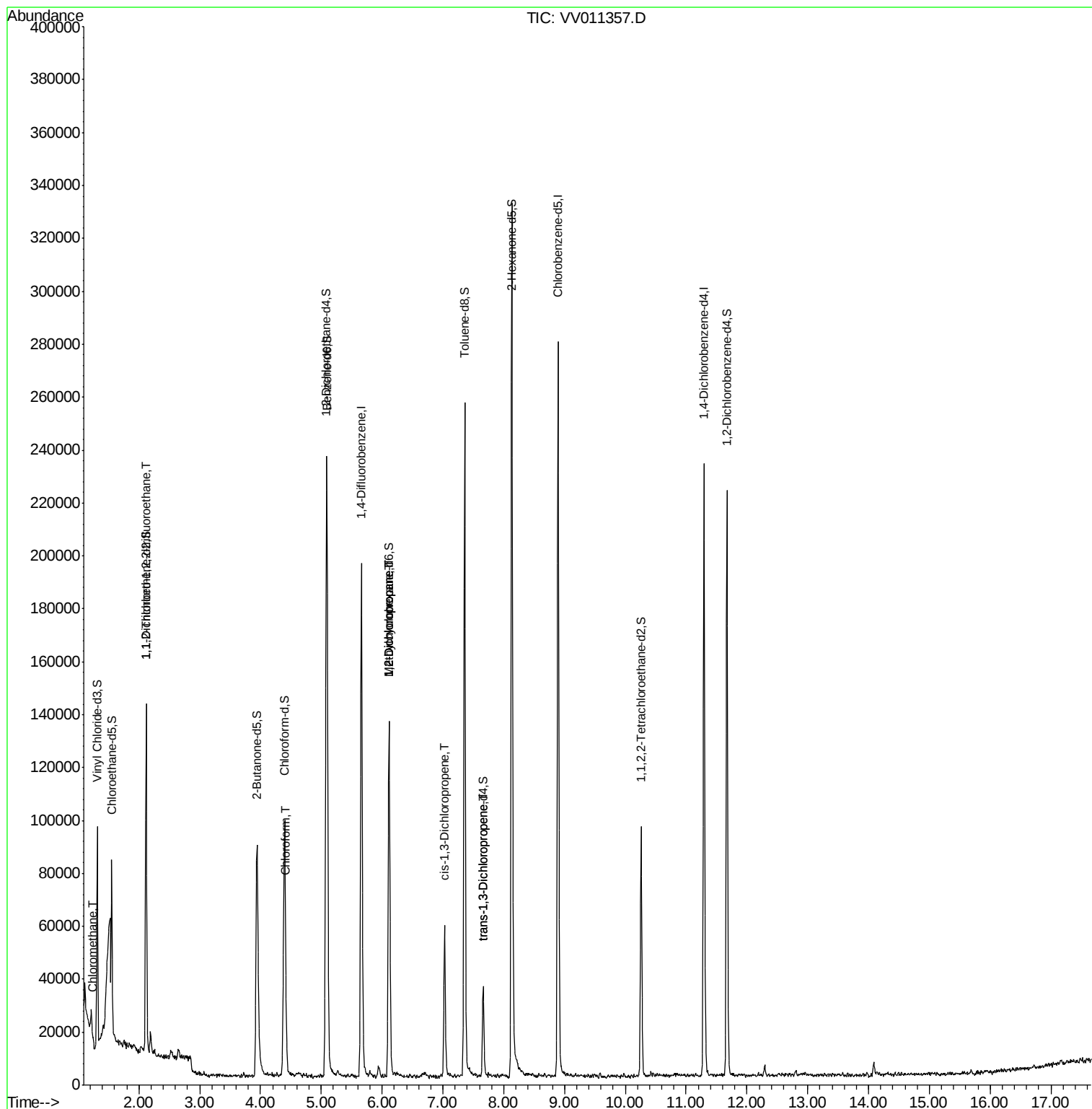
						Qvalue
3) Chloromethane	1.25	50	2421	0.172	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	790	0.083	ug/L #	25
25) Chloroform	4.42	83	2645	0.125	ug/L	83
35) Methylcyclohexane	6.11	83	13995	0.742	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	7689	0.700	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1555	0.097	ug/L #	56
44) trans-1,3-Dichloropropene	7.66	75	1001	0.082	ug/L	94

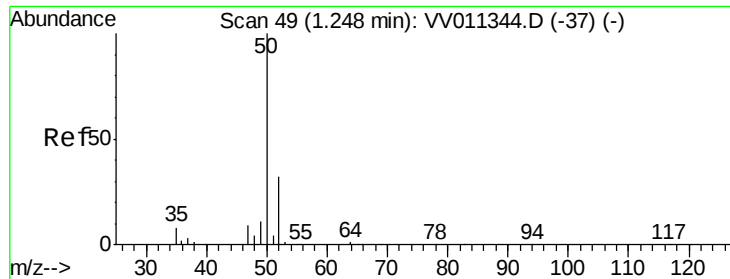
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.172 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 10 Jun 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

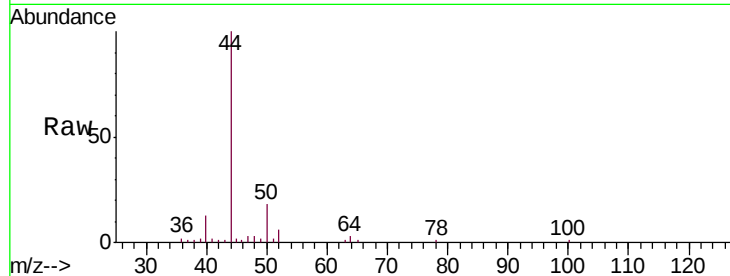
VIBLK46

Tgt Ion: 50 Resp: 2421

Ion Ratio Lower Upper

50 100

52 35.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011344.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011344.D (-37) (-)

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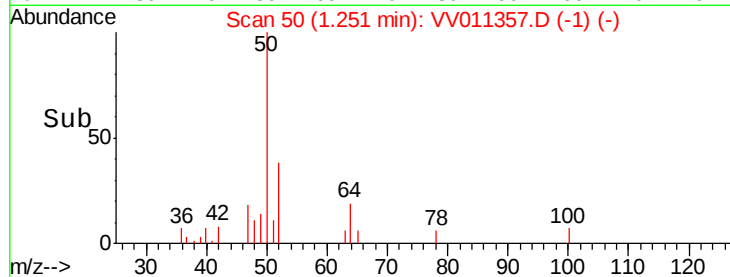
1.25

1.25

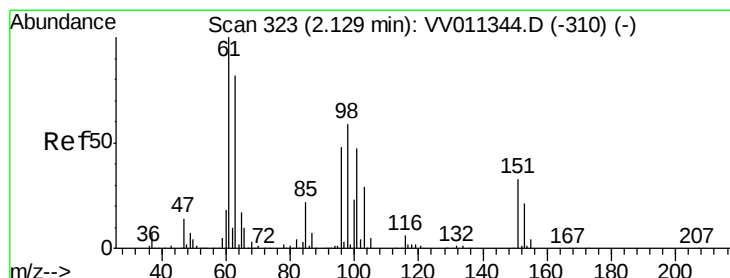
1.25

1.25

1.25



Time-->



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011357.D

Acq: 10 Jun 2019 18:28

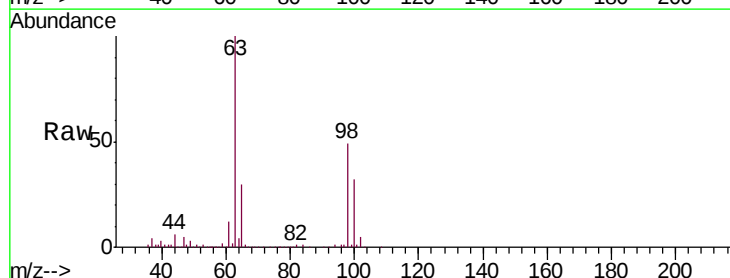
Tgt Ion: 101 Resp: 790

Ion Ratio Lower Upper

101 100

85 7.1 35.5 53.3#

151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): VV011344.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV011344.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV011344.D (-310) (-)

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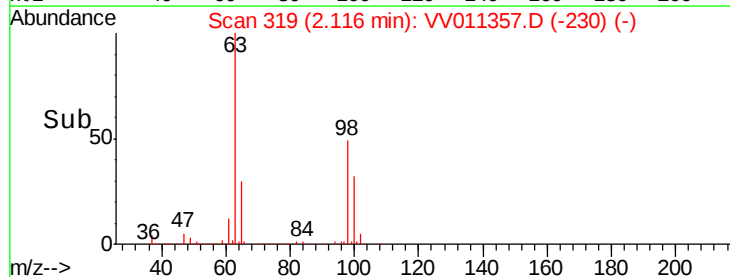
2.12

2.12

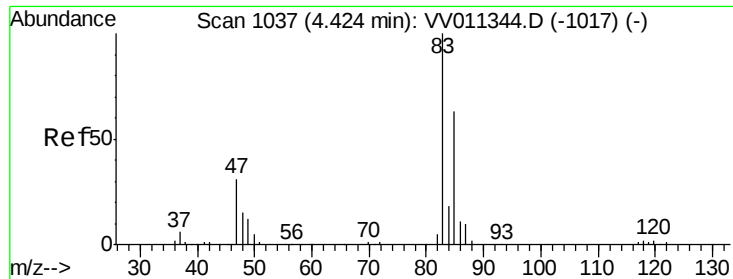
2.12

2.12

2.12



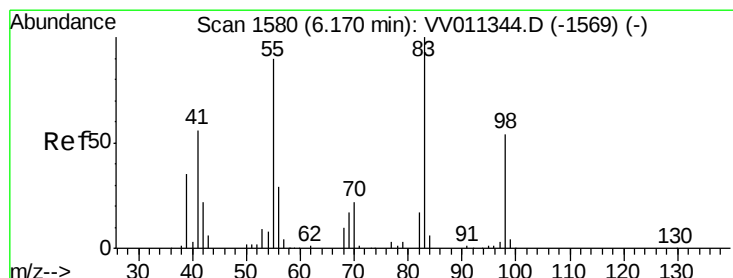
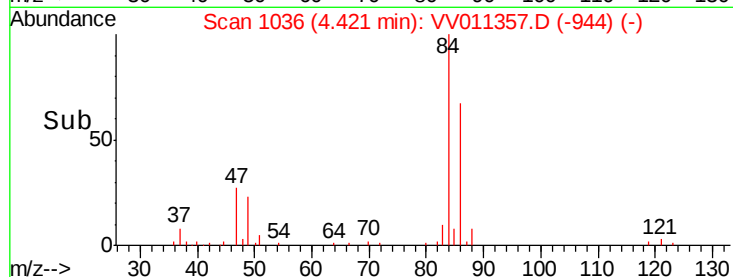
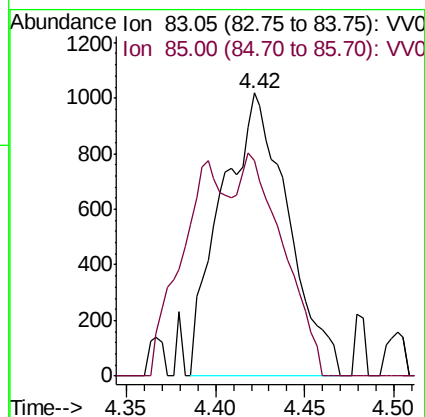
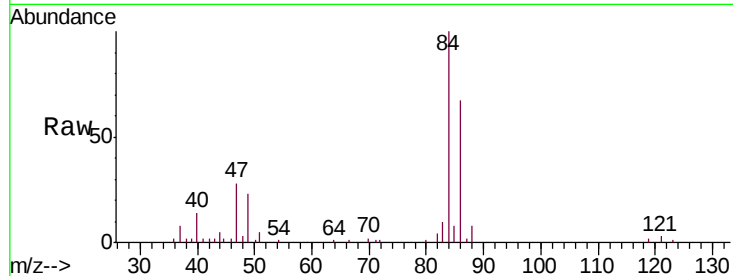
Time-->



#25
Chloroform
Concen: 0.125 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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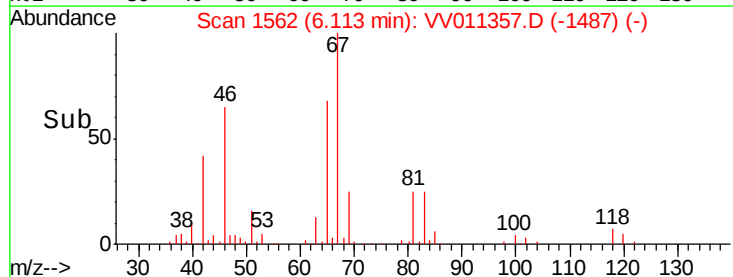
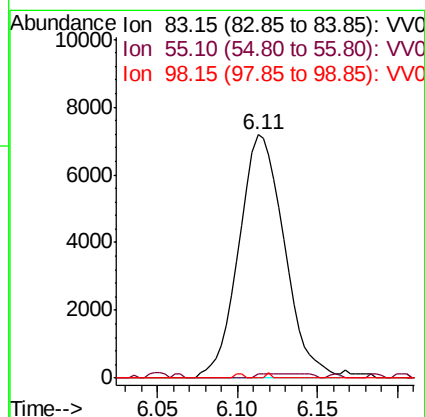
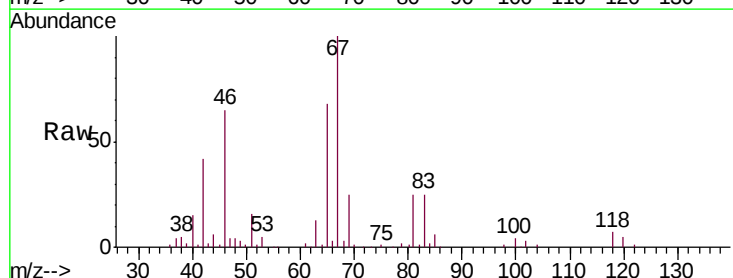
Instrument :
MSVOA_V
ClientSampleId :
VIBLK46

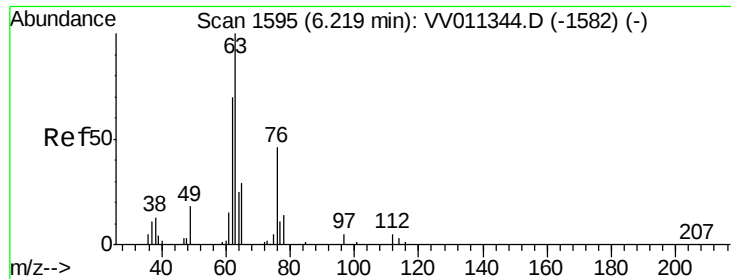
Tgt Ion: 83 Resp: 2645
Ion Ratio Lower Upper
83 100
85 76.3 44.1 81.9



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011357.D
Acq: 10 Jun 2019 18:28

Tgt Ion: 83 Resp: 13995
Ion Ratio Lower Upper
83 100
55 0.6 67.0 100.6#
98 0.2 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.700 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011357.D

Acq: 10 Jun 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

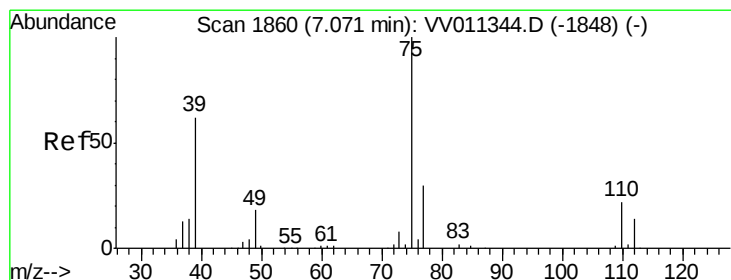
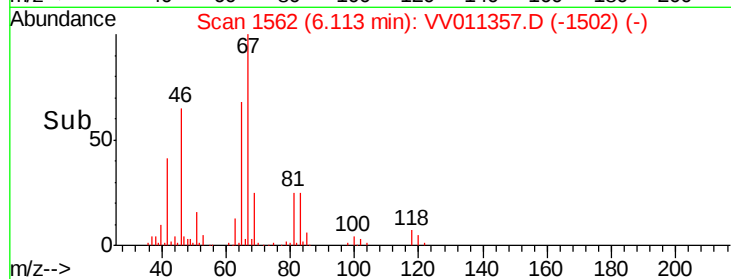
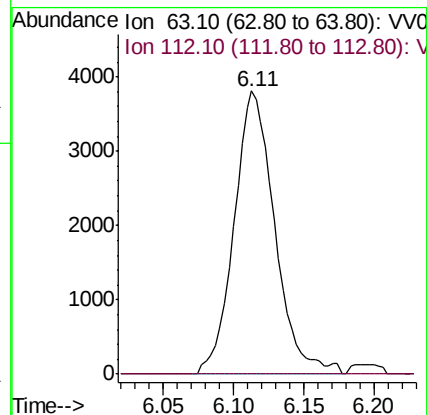
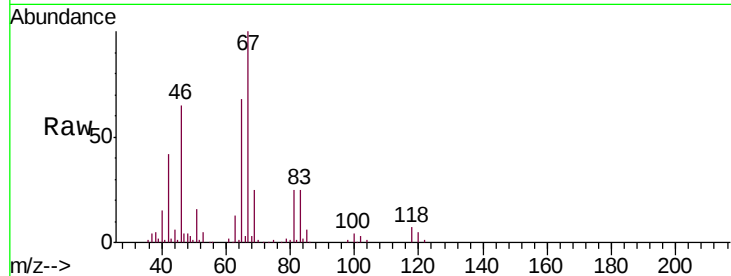
VIBLK46

Tgt Ion: 63 Resp: 7689

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011357.D

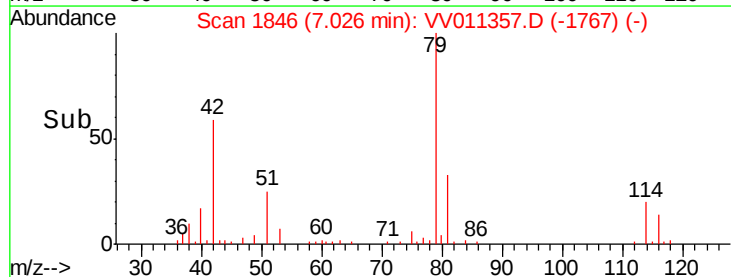
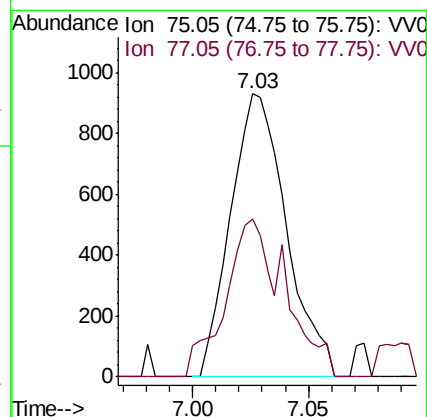
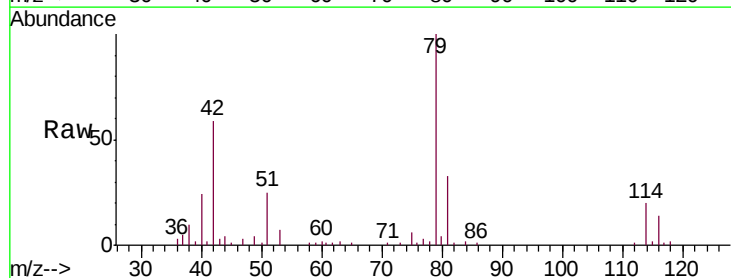
Acq: 10 Jun 2019 18:28

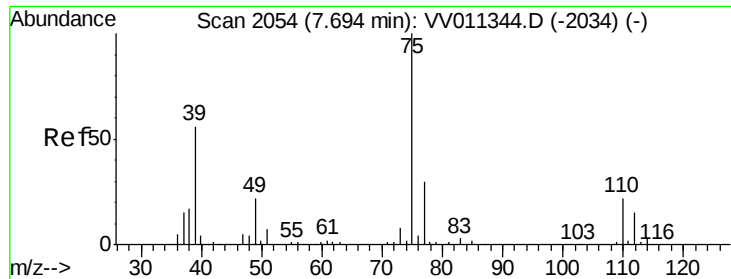
Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 55.9 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV011357.D

Acq: 10 Jun 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VIBLK46

Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

75 100

77 29.3 23.1 42.9

