

Data File : VV011382.D
Acq On : 11 Jun 2019 08:21
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

Quant Time: Jun 11 08:49:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142825	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52779	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45324	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.55	69	40669	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	74198	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.94	46	142731	58.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.16%
24) Chloroform-d	4.40	84	92918	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	55031	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.09	84	188506	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	59809	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	168531	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	15686	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.13	63	107468	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42601	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	55452	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

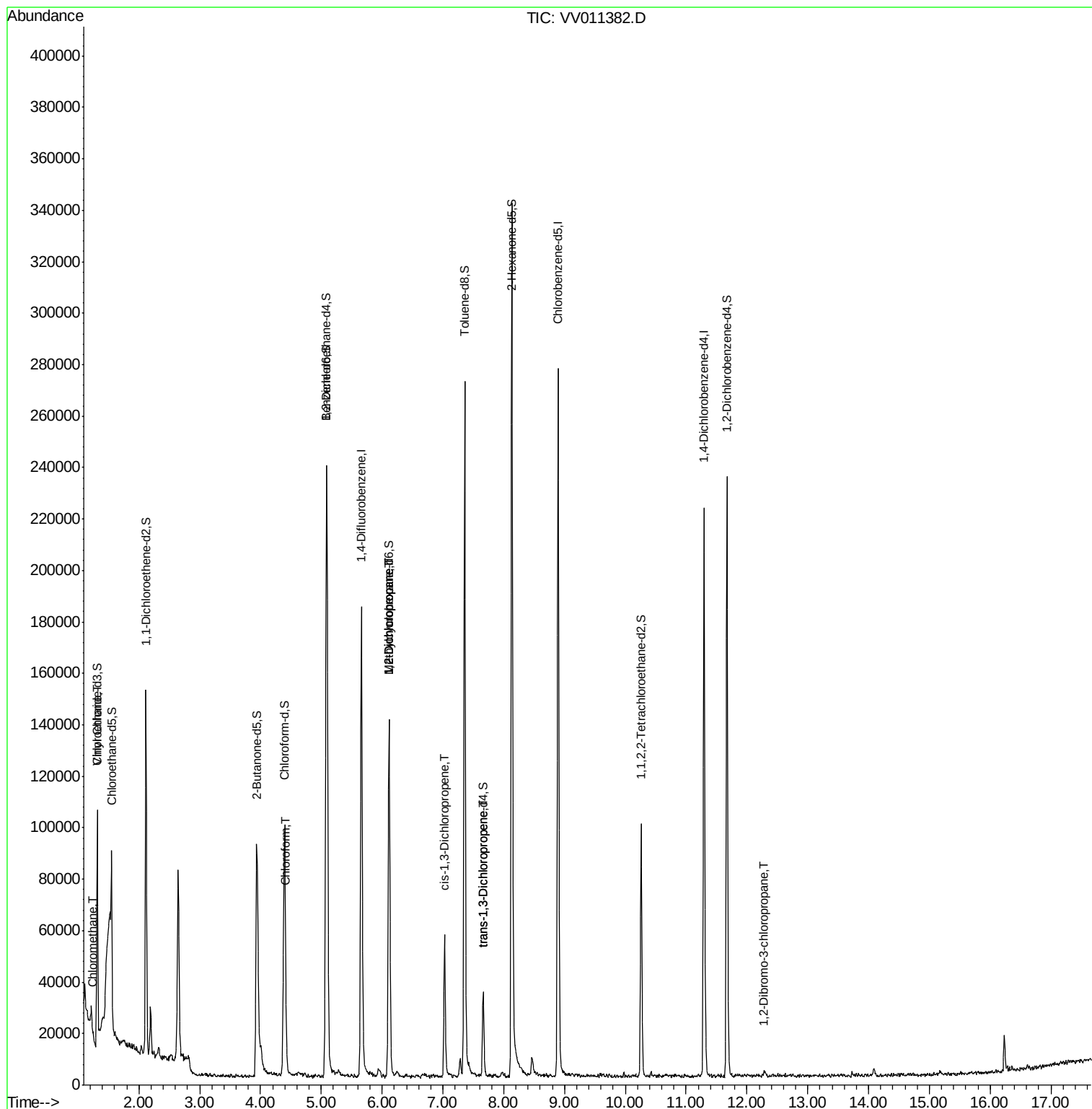
						Qvalue
3) Chloromethane	1.25	50	1767	0.130	ug/L	93
8) Chloroethane	1.32	64	5622	0.670	ug/L	85
25) Chloroform	4.42	83	2276	0.111	ug/L #	63
35) Methylcyclohexane	6.12	83	14174	0.771	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7718	0.721	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1804	0.115	ug/L #	81
44) trans-1,3-Dichloropropene	7.66	75	994	0.083	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.29	75	191	0.165	ug/L #	8

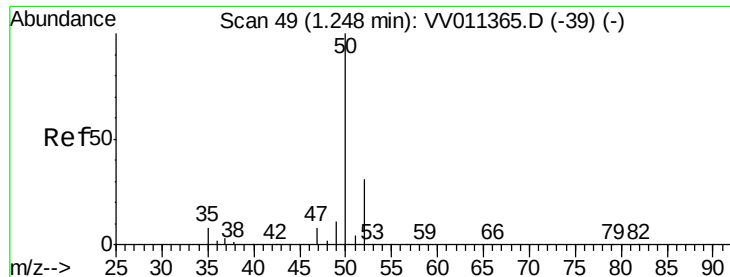
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 11 08:01:21 2019
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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011382.D

Acq: 11 Jun 2019 08:21

Instrument :

MSVOA_V

ClientSampleId :

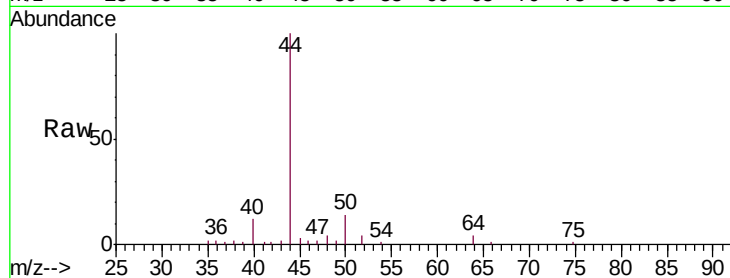
VIBLK50

Tgt Ion: 50 Resp: 1767

Ion Ratio Lower Upper

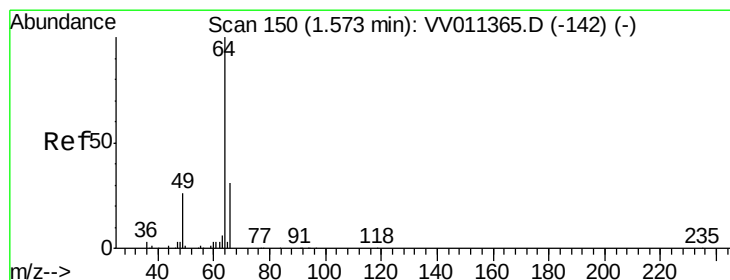
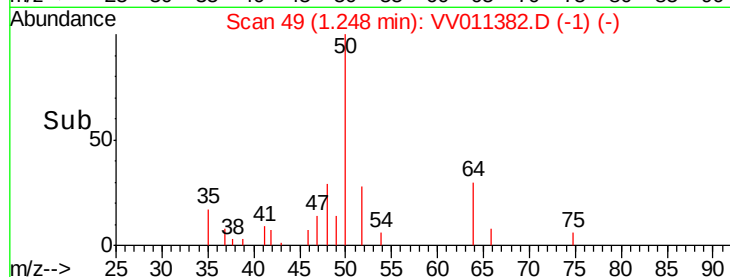
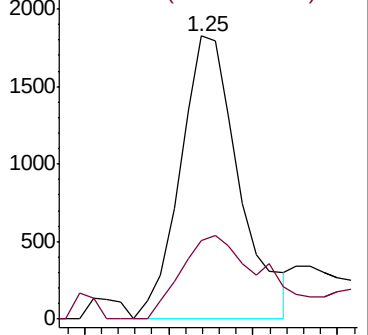
50 100

52 27.7 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.670 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011382.D

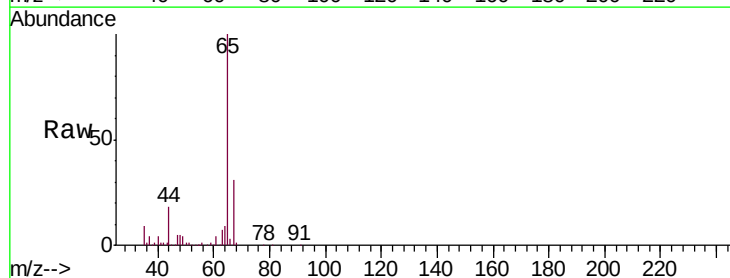
Acq: 11 Jun 2019 08:21

Tgt Ion: 64 Resp: 5622

Ion Ratio Lower Upper

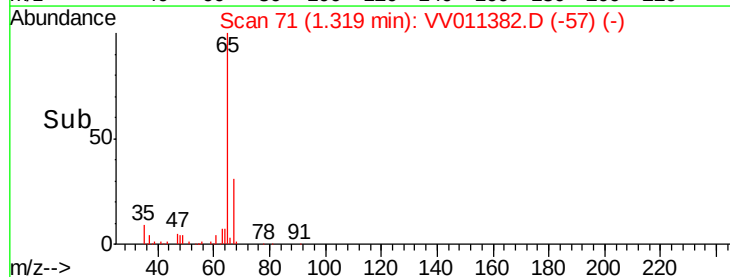
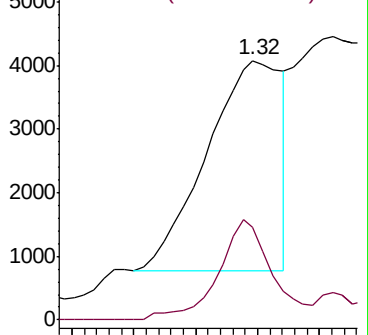
64 100

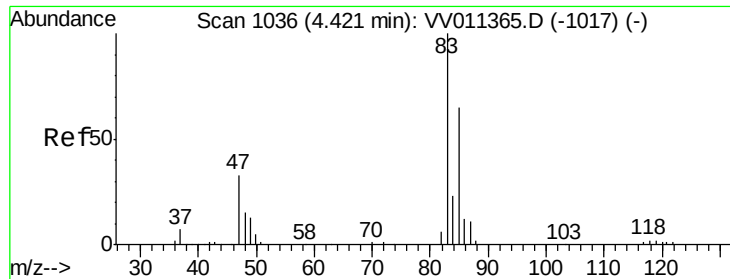
66 35.7 19.4 36.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

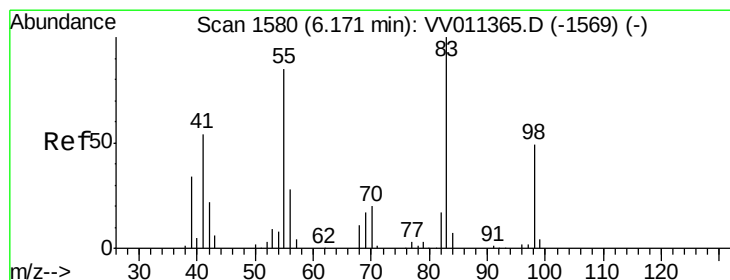
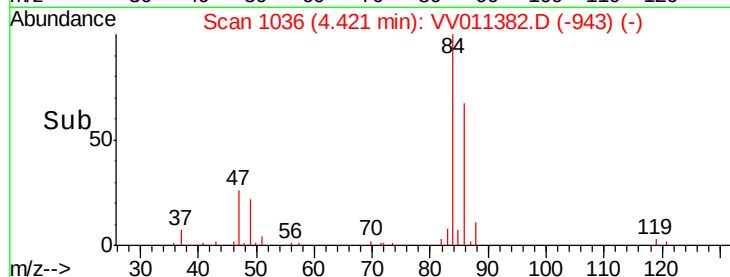
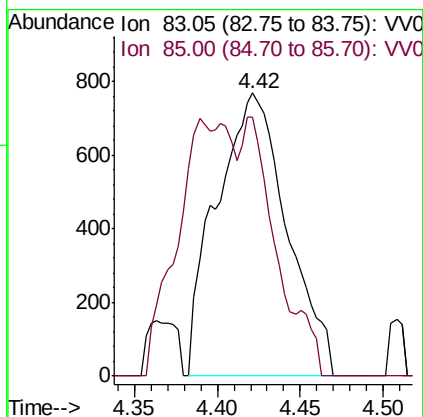
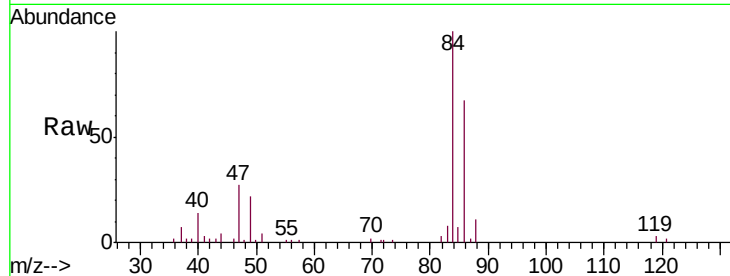




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011382.D
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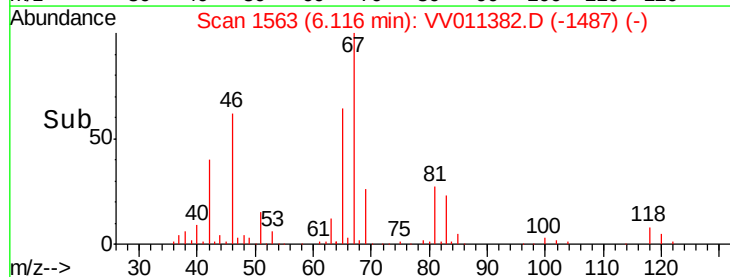
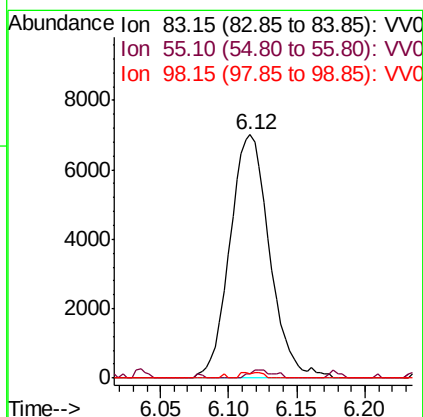
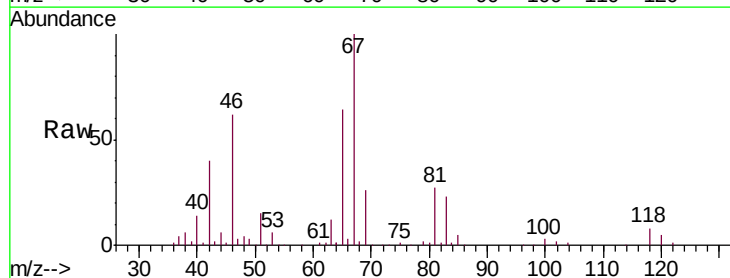
Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

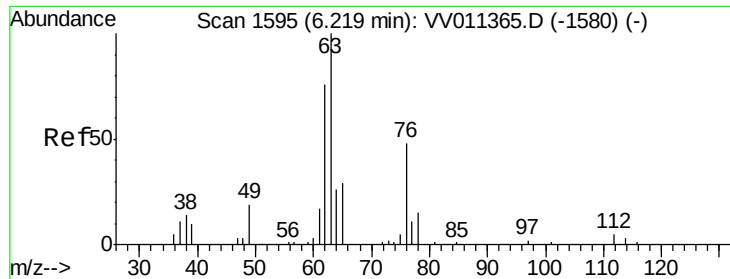
Tgt Ion: 83 Resp: 2276
Ion Ratio Lower Upper
83 100
85 91.7 44.1 81.9#



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011382.D
Acq: 11 Jun 2019 08:21

Tgt Ion: 83 Resp: 14174
Ion Ratio Lower Upper
83 100
55 2.0 67.0 100.6#
98 0.6 40.0 60.0#

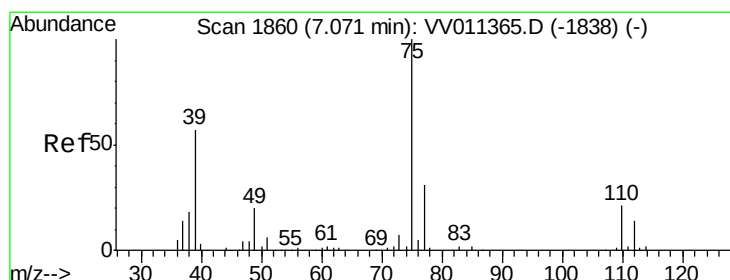
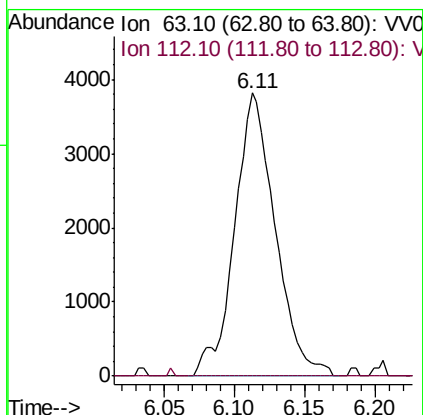
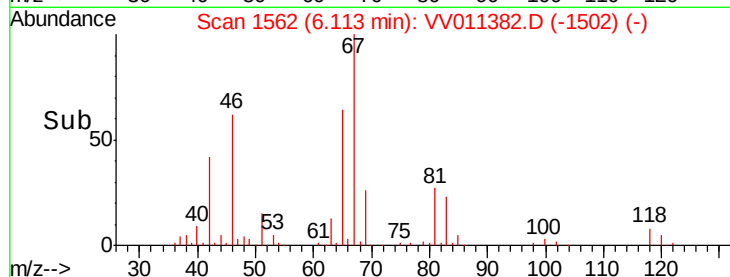
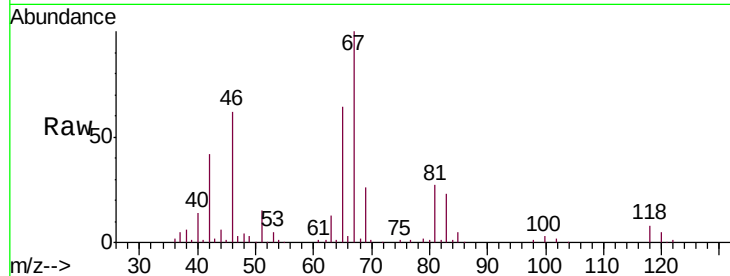




#37
 1,2-Dichloropropane
 Concen: 0.721 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011382.D
 Acq: 11 Jun 2019 08:21

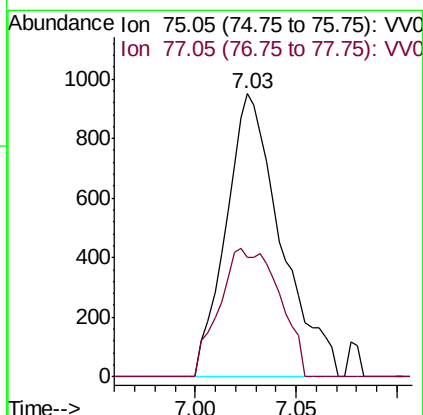
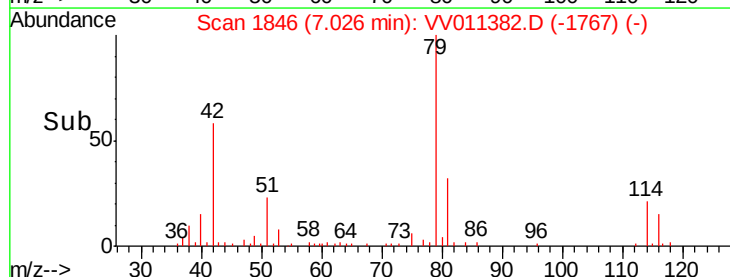
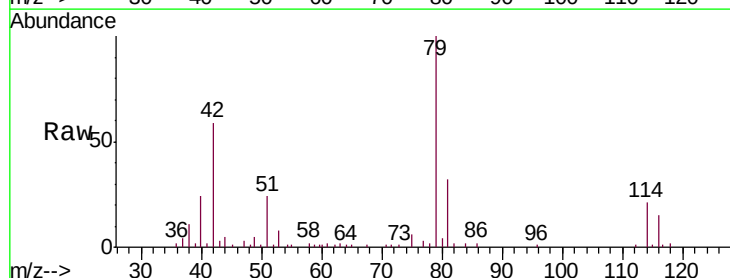
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

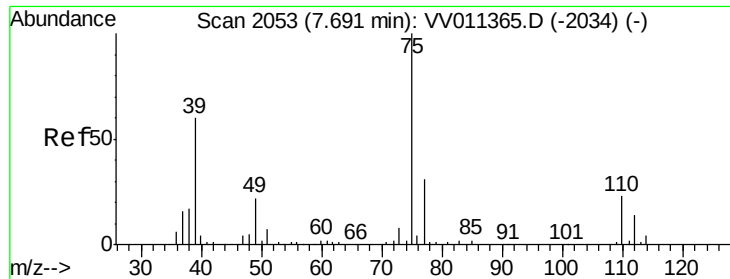
Tgt Ion: 63 Resp: 7718
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011382.D
 Acq: 11 Jun 2019 08:21

Tgt Ion: 75 Resp: 1804
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011382.D

Acq: 11 Jun 2019 08:21

Instrument :

MSVOA_V

ClientSampleId :

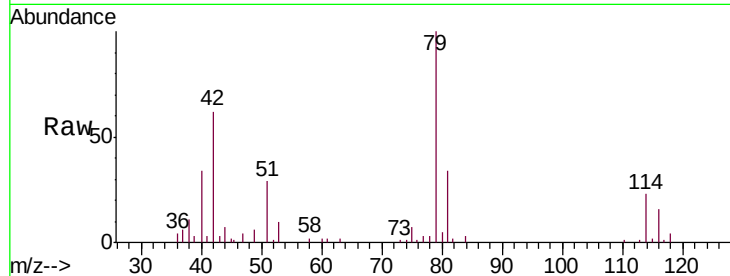
VIBLK50

Tgt Ion: 75 Resp: 994

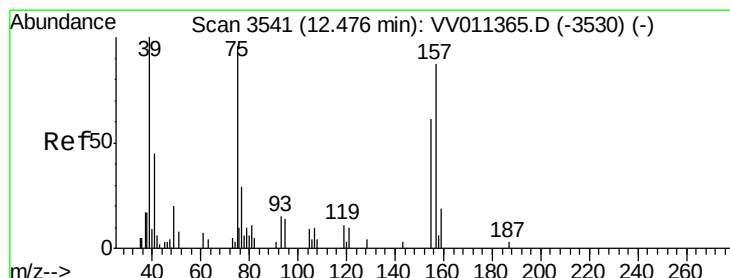
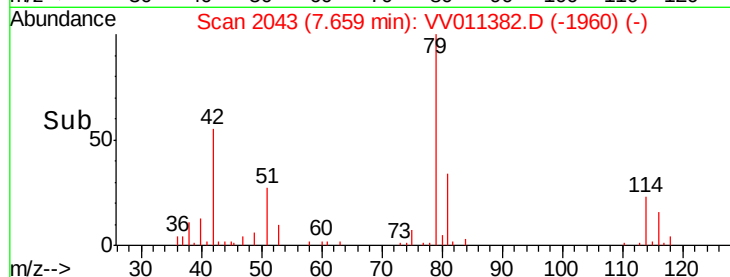
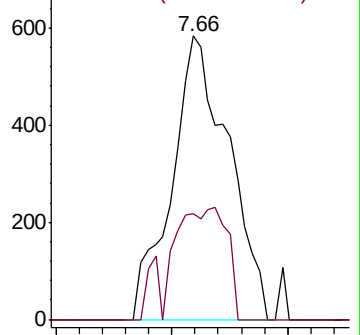
Ion Ratio Lower Upper

75 100

77 37.4 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.165 ug/L

RT: 12.29 min Scan# 3483

Delta R.T. -0.19 min

Lab File: VV011382.D

Acq: 11 Jun 2019 08:21

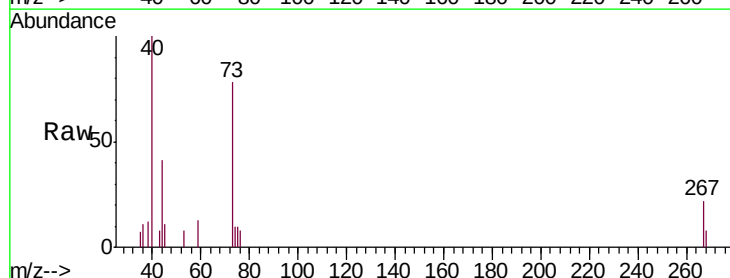
Tgt Ion: 75 Resp: 191

Ion Ratio Lower Upper

75 100

155 0.0 64.4 96.6#

157 0.0 66.7 100.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

