

Data File : VV011354.D
Acq On : 10 Jun 2019 17:04
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Quant Time: Jun 11 01:36:45 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	141315	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48406	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.55	69	42553	4.78	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	80009	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.94	46	137301	56.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.90%
24) Chloroform-d	4.40	84	99324	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.08	65	57868	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.09	84	201536	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	60860	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	178279	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.66	79	18262	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.13	63	103819	53.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43003	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56602	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

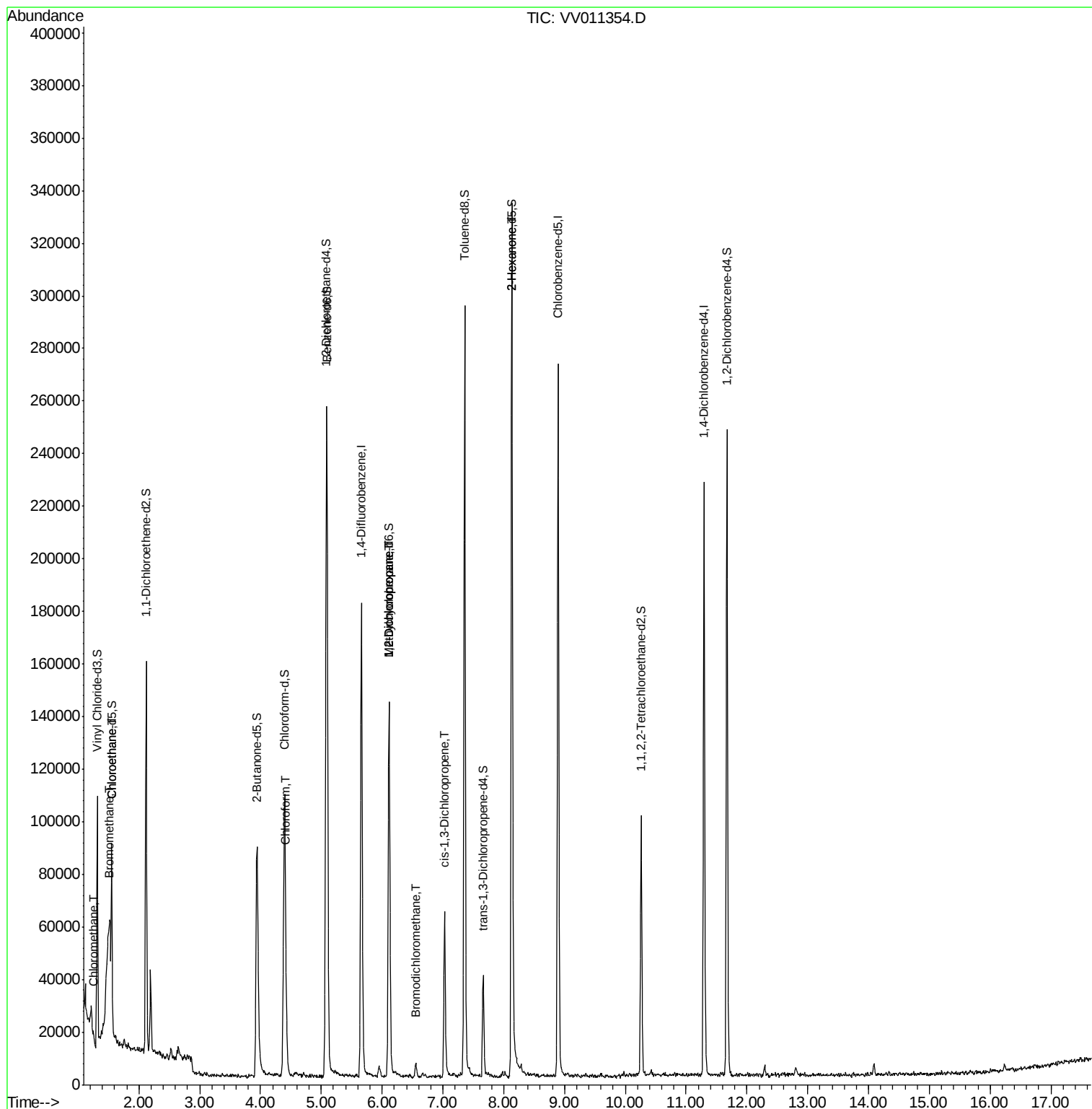
					Qvalue
3) Chloromethane	1.25	50	2089	0.155 ug/L	96
6) Bromomethane	1.51	94	1281	0.189 ug/L	94
8) Chloroethane	1.56	64	833	0.100 ug/L #	63
25) Chloroform	4.42	83	11936	0.588 ug/L	96
35) Methylcyclohexane	6.12	83	14724	0.822 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8129	0.779 ug/L #	88
38) Bromodichloromethane	6.55	83	3110	0.241 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1920	0.126 ug/L #	62
48) 2-Hexanone	8.13	43	14243	3.073 ug/L #	71

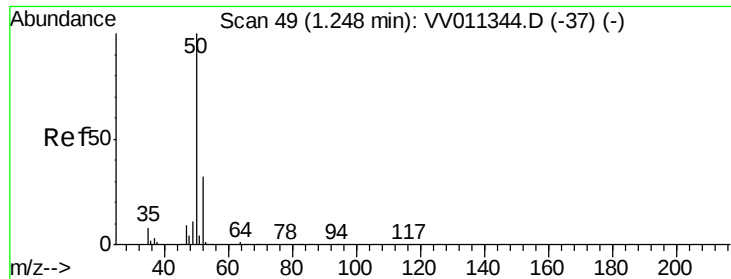
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 10 Jun 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

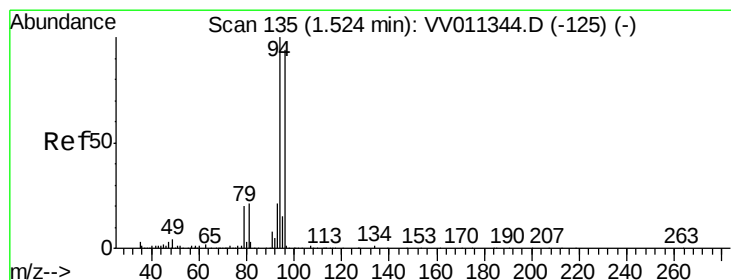
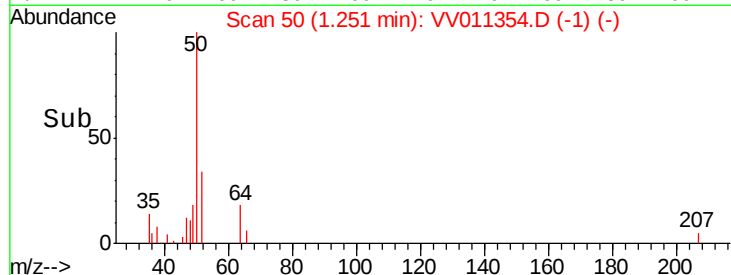
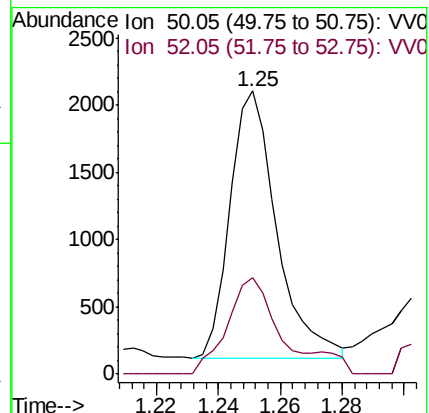
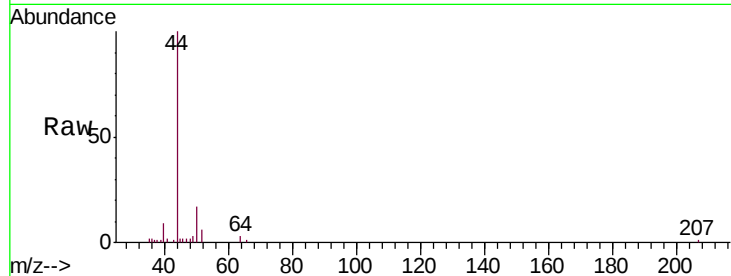
VIBLK45

Tgt Ion: 50 Resp: 2089

Ion Ratio Lower Upper

50 100

52 34.1 22.3 41.5



#6

Bromomethane

Concen: 0.189 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.02 min

Lab File: VV011354.D

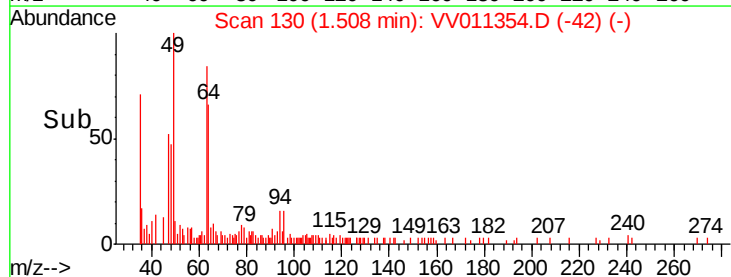
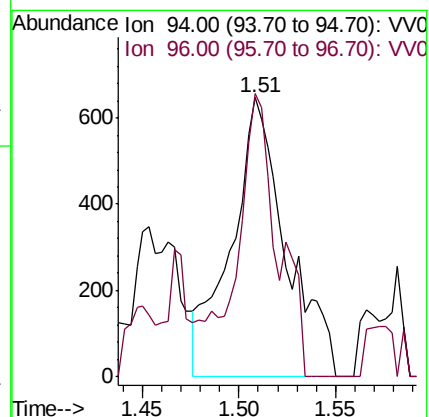
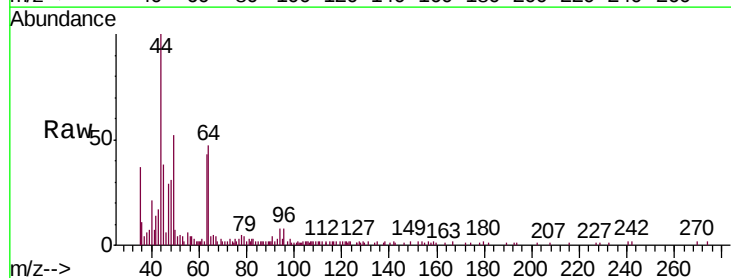
Acq: 10 Jun 2019 17:04

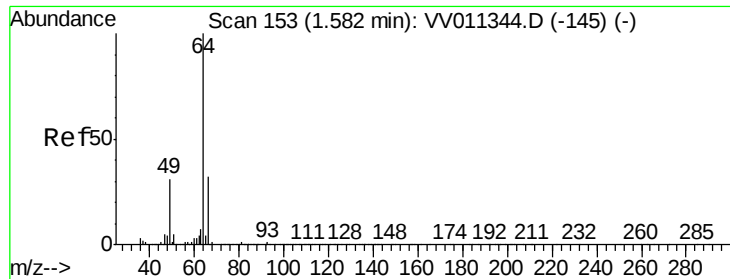
Tgt Ion: 94 Resp: 1281

Ion Ratio Lower Upper

94 100

96 101.4 67.0 124.4





#8

Chloroethane

Concen: 0.100 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.02 min

Lab File: VV011354.D

Acq: 10 Jun 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

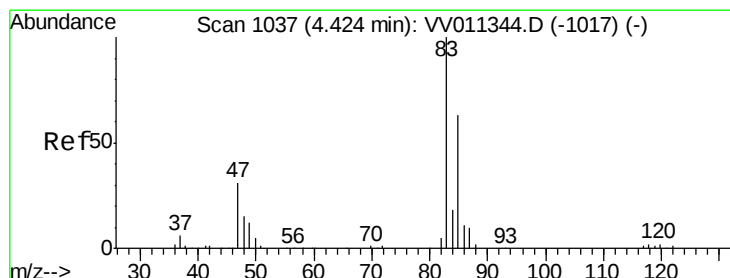
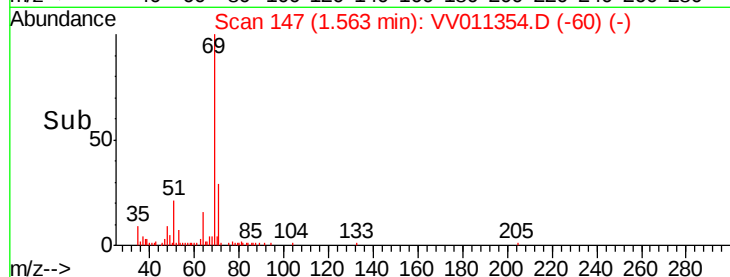
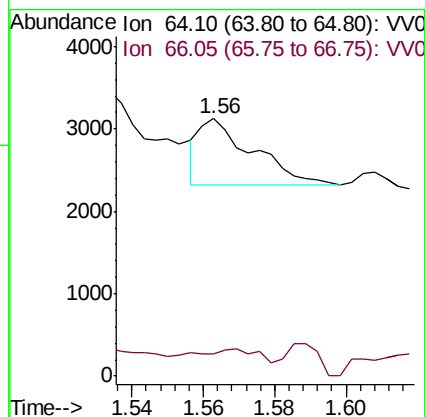
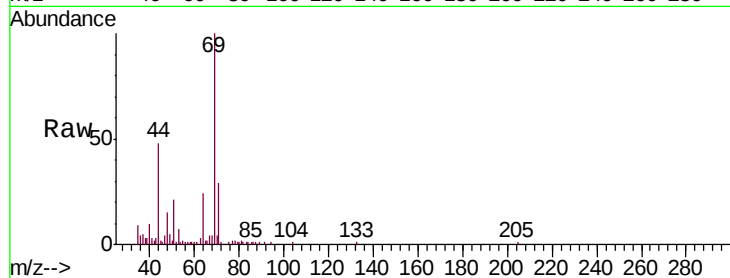
VIBLK45

Tgt Ion: 64 Resp: 833

Ion Ratio Lower Upper

64 100

66 8.5 19.4 36.0#



#25

Chloroform

Concen: 0.588 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011354.D

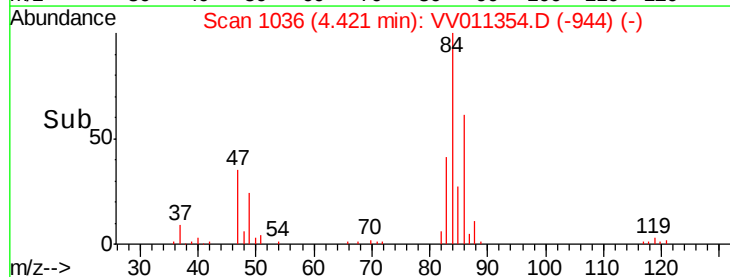
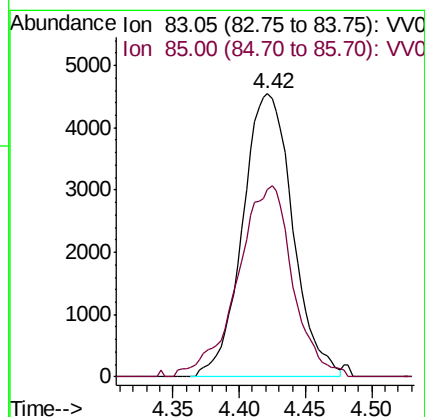
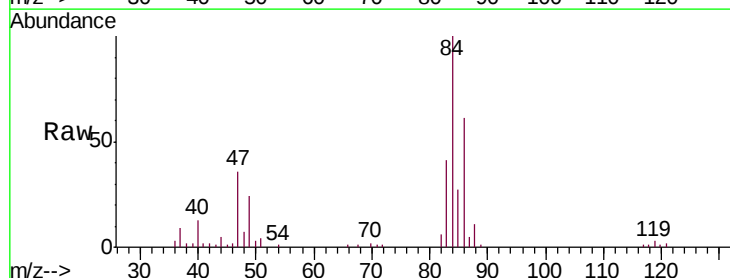
Acq: 10 Jun 2019 17:04

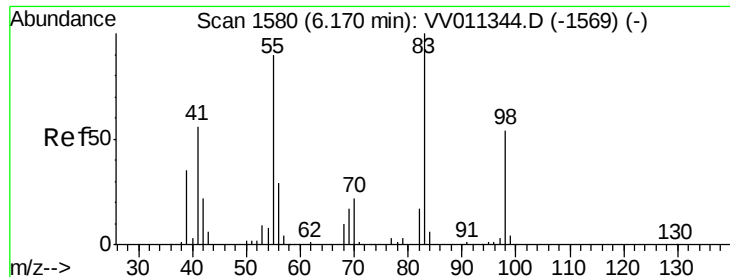
Tgt Ion: 83 Resp: 11936

Ion Ratio Lower Upper

83 100

85 66.1 44.1 81.9





#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011354.D

Acq: 10 Jun 2019 17:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK45

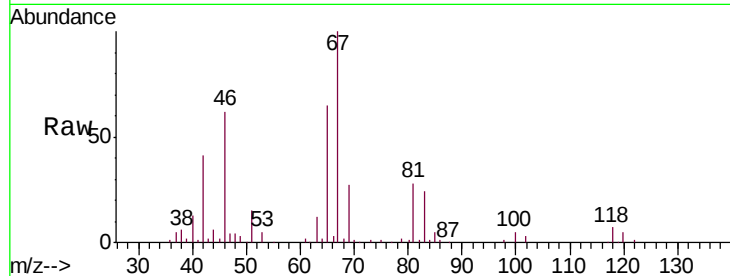
Tgt Ion: 83 Resp: 14724

Ion Ratio Lower Upper

83 100

55 1.3 67.0 100.6#

98 0.0 40.0 60.0#

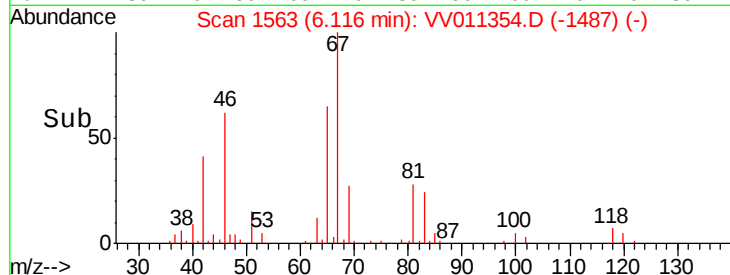


Abundance Ion 83.15 (82.85 to 83.85): VV011354.D (-1569) (-)

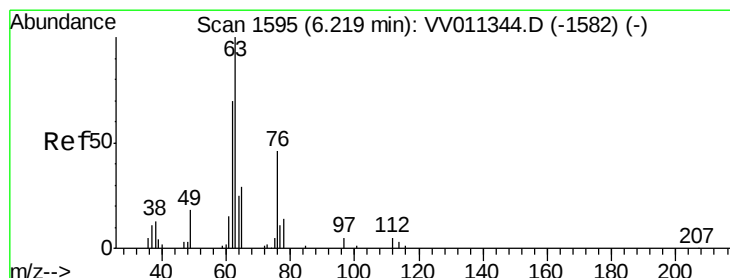
Ion 55.10 (54.80 to 55.80): VV011354.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011354.D (-1569) (-)

Time-->



Time-->



#37

1,2-Dichloropropane

Concen: 0.779 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV011354.D

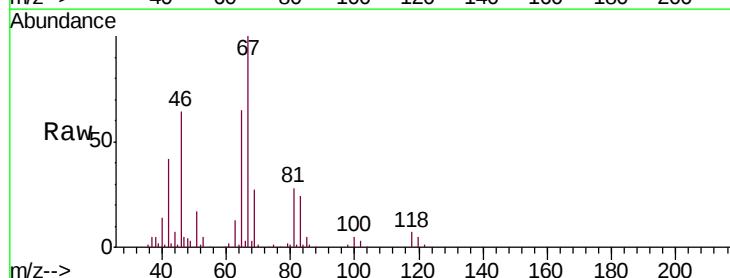
Acq: 10 Jun 2019 17:04

Tgt Ion: 63 Resp: 8129

Ion Ratio Lower Upper

63 100

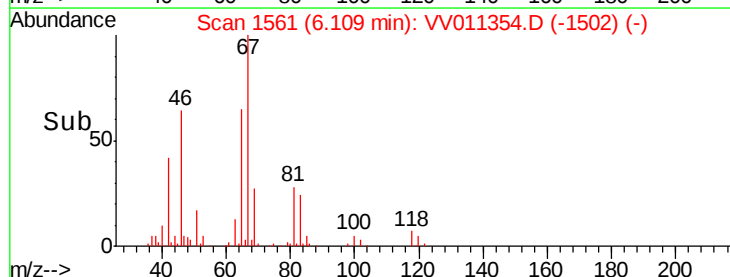
112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011354.D (-1502) (-)

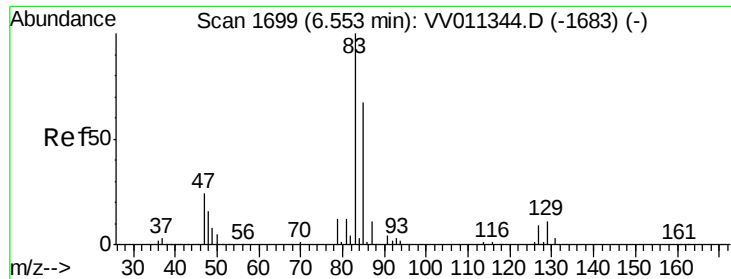
Ion 112.10 (111.80 to 112.80): VV011354.D (-1502) (-)

Time-->



Time-->

Time-->



#38

Bromodichloromethane

Concen: 0.241 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV011354.D

Acq: 10 Jun 2019 17:04

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ClientSampleId :

VIBLK45

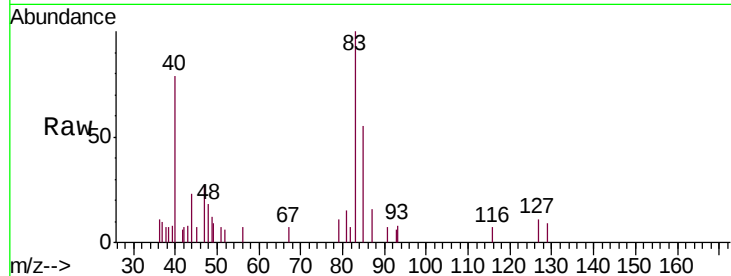
Tgt Ion: 83 Resp: 3110

Ion Ratio Lower Upper

83 100

85 55.0 44.5 82.7

127 11.3 7.0 10.4#

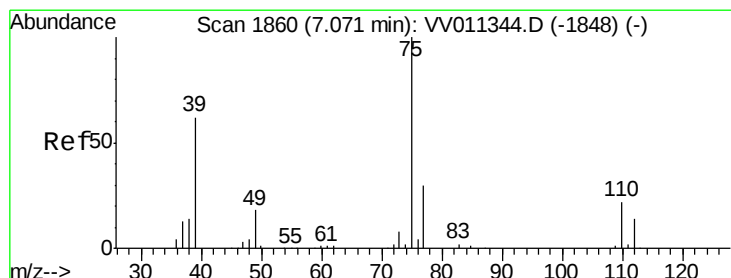
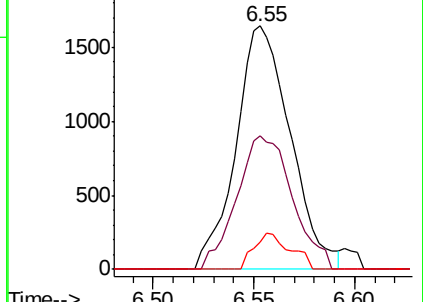
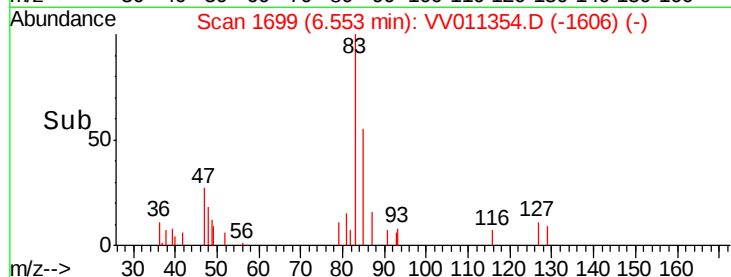


Abundance Ion 82.95 (82.65 to 83.65): VV011354.D (-1683) (-)

Ion 85.00 (84.70 to 85.70): VV011354.D (-1683) (-)

Ion 126.90 (126.60 to 127.60): VV011354.D (-1683) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011354.D

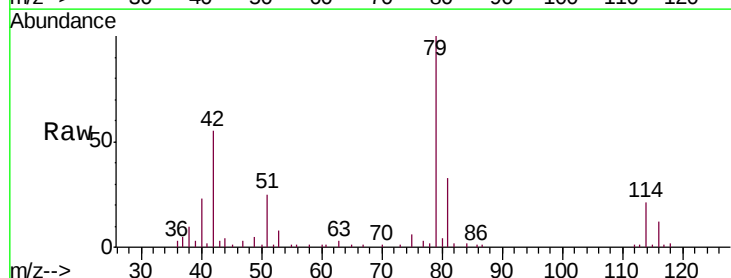
Acq: 10 Jun 2019 17:04

Tgt Ion: 75 Resp: 1920

Ion Ratio Lower Upper

75 100

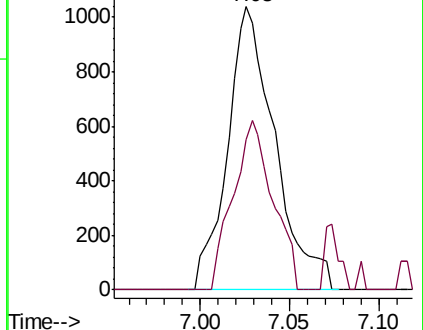
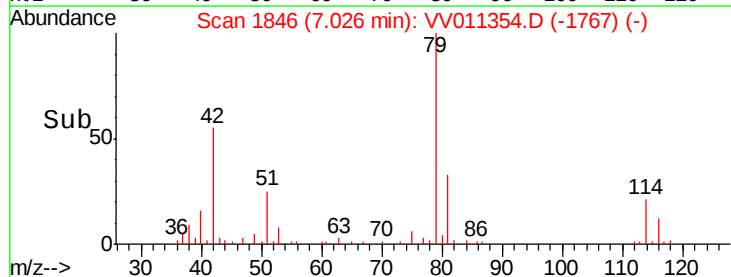
77 52.9 22.2 41.2#

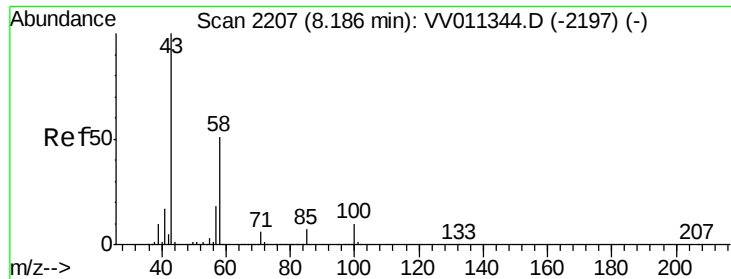


Abundance Ion 75.05 (74.75 to 75.75): VV011354.D (-1767) (-)

Ion 77.05 (76.75 to 77.75): VV011354.D (-1767) (-)

Time-->





#48

2-Hexanone

Concen: 3.073 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011354.D

Acq: 10 Jun 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion: 43 Resp: 14243

Ion Ratio Lower Upper

43 100

58 26.8 41.4 62.0#

57 24.0 15.0 22.4#

100 0.5 9.0 13.4#

