

Data File : VV011525.D
Acq On : 15 Jun 2019 08:30
Operator : SY/MD
Sample : K3324-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 17 04:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	53496	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.58	69	42225	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	82303	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.97	46	173483	41.65	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.30%
24) Chloroform-d	4.40	84	107125	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.08	65	64590	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
32) Benzene-d6	5.09	84	210789	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.12	67	66429	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.36	98	177122	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.66	79	18491	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.14	63	129940	39.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47054	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	60753	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

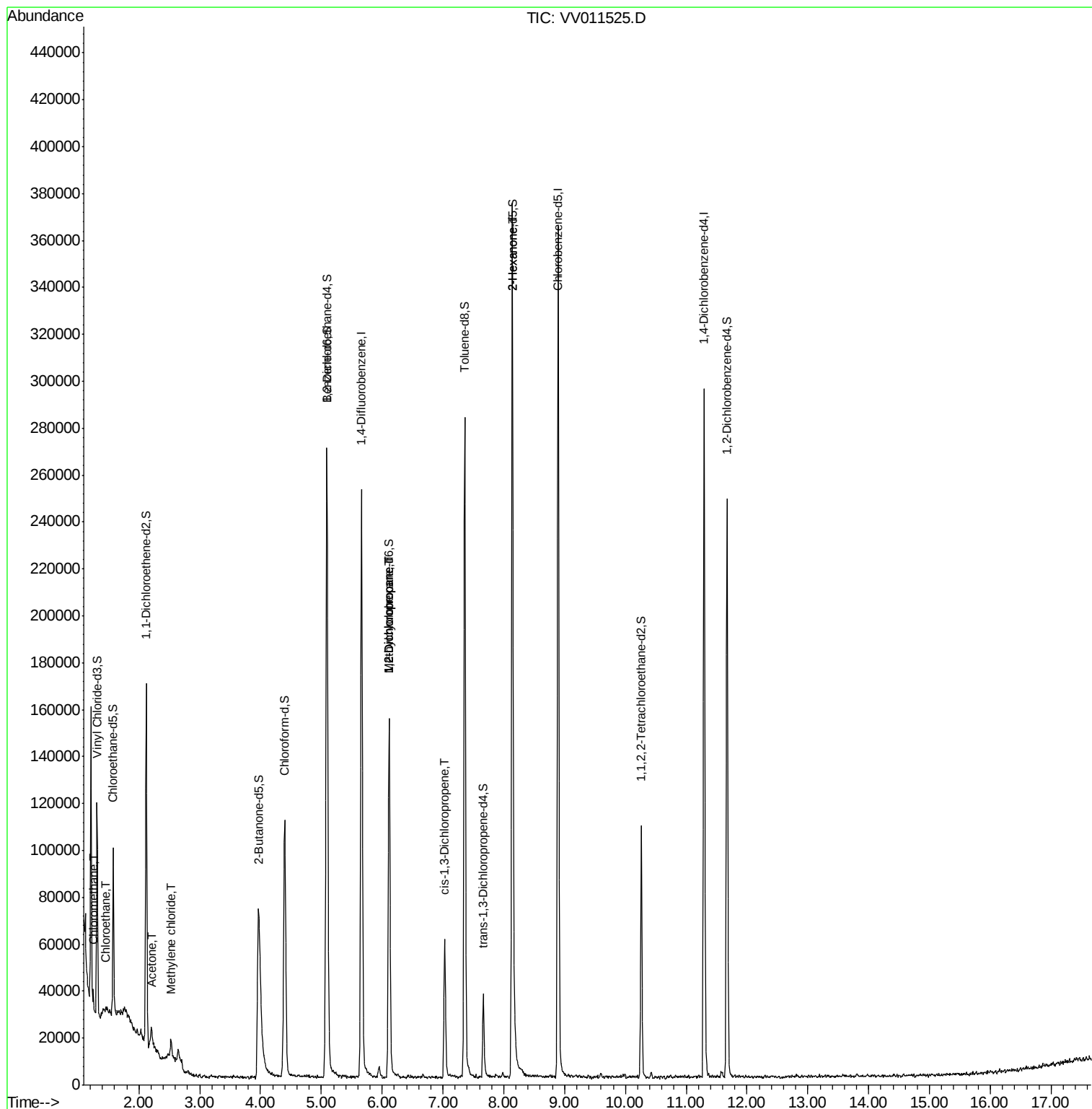
					Qvalue
3) Chloromethane	1.25	50	3972	0.210 ug/L	99
8) Chloroethane	1.46	64	16294	1.798 ug/L #	55
13) Acetone	2.23	43	5455	1.943 ug/L	98
16) Methylene chloride	2.53	84	2313	0.167 ug/L	98
35) Methylcyclohexane	6.12	83	16370	0.771 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8783	0.565 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1762	0.090 ug/L #	74
48) 2-Hexanone	8.14	43	18650	2.394 ug/L #	74

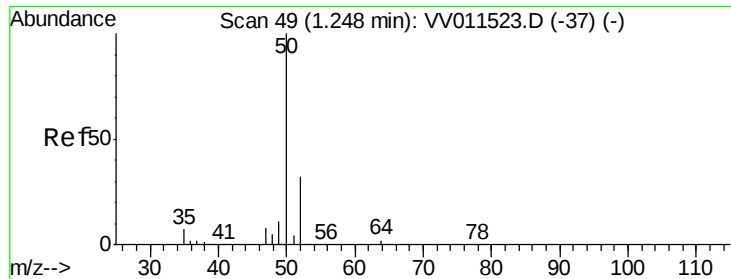
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.210 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 08:30

Instrument :

MSVOA_V

ClientSampleId :

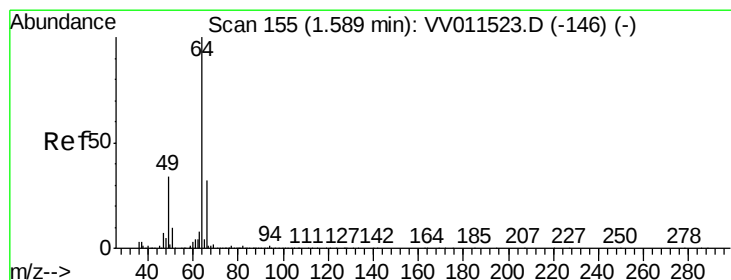
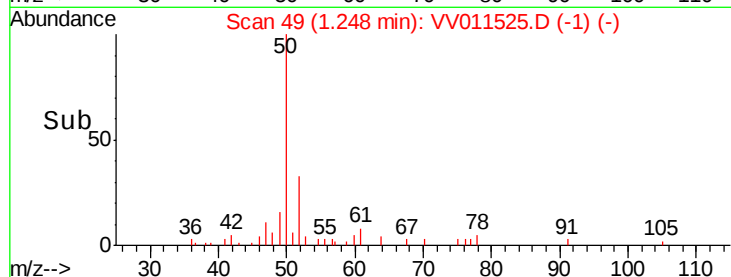
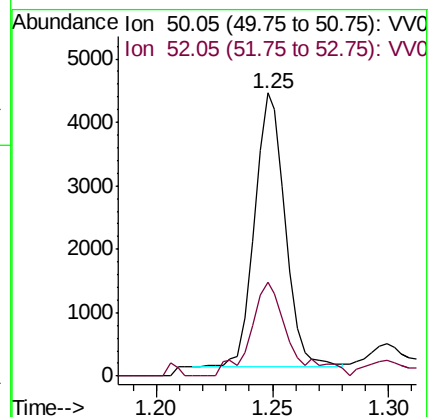
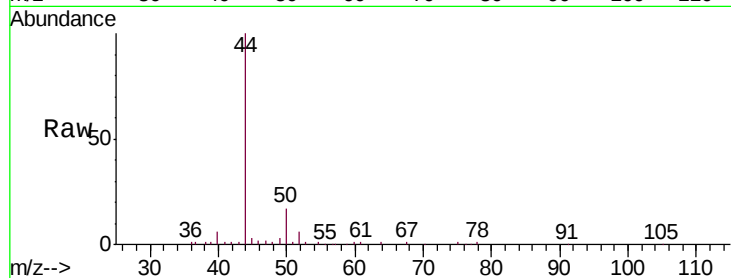
VHBLK01

Tgt Ion: 50 Resp: 3972

Ion Ratio Lower Upper

50 100

52 33.1 22.7 42.1



#8

Chloroethane

Concen: 1.798 ug/L

RT: 1.46 min Scan# 114

Delta R.T. -0.13 min

Lab File: VV011525.D

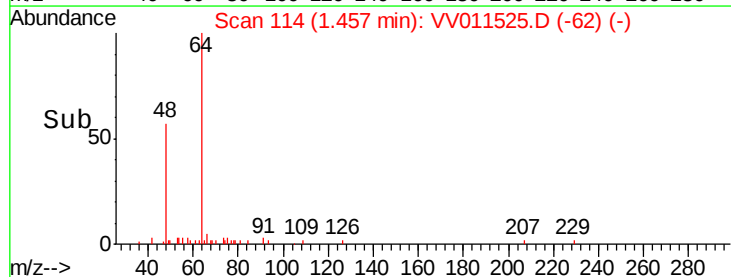
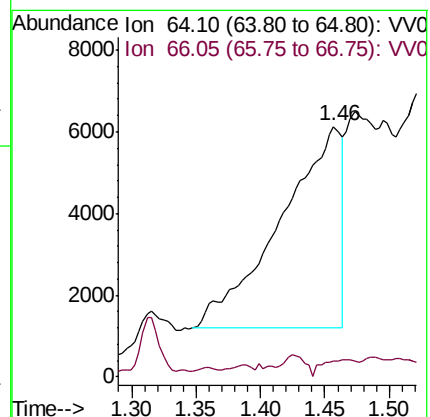
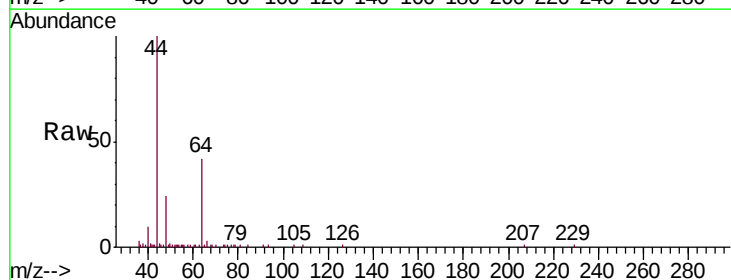
Acq: 15 Jun 2019 08:30

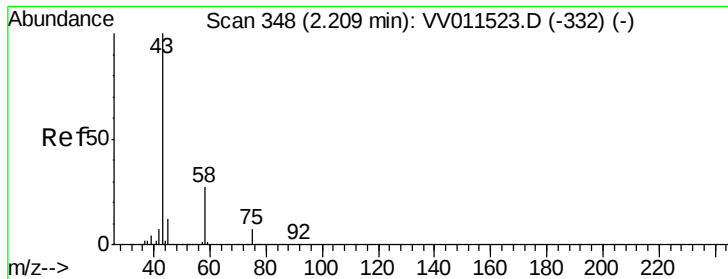
Tgt Ion: 64 Resp: 16294

Ion Ratio Lower Upper

64 100

66 6.3 21.6 40.2#





#13

Acetone

Concen: 1.943 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV011525.D

Acq: 15 Jun 2019 08:30

Instrument :

MSVOA_V

ClientSampleId :

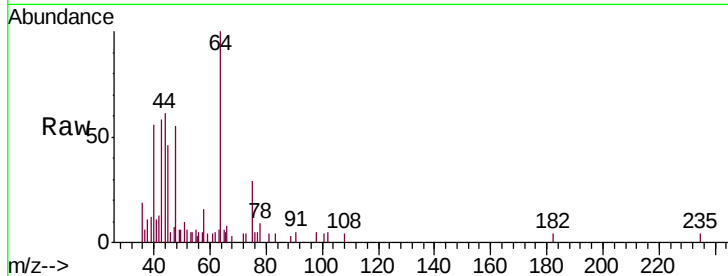
VHBLK01

Tgt Ion: 43 Resp: 5455

Ion Ratio Lower Upper

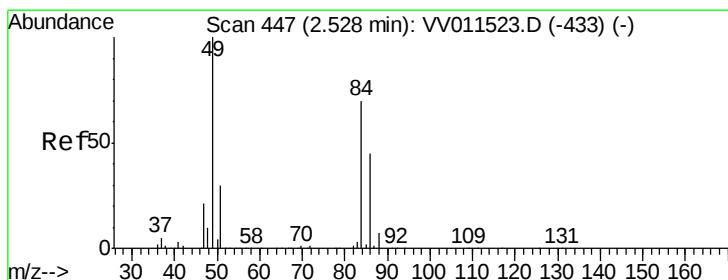
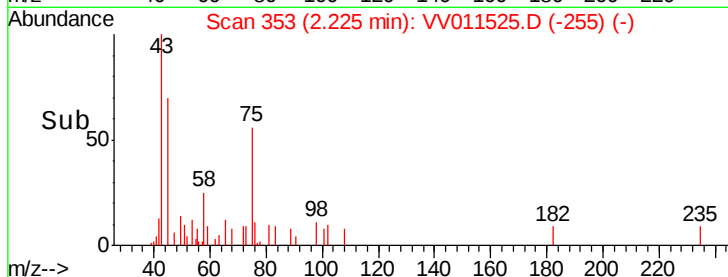
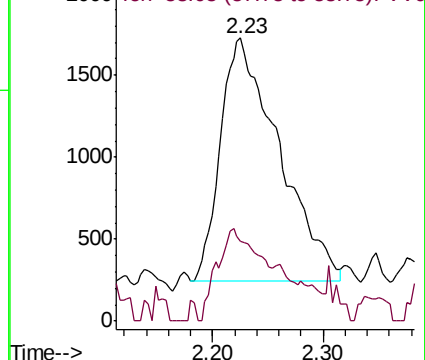
43 100

58 27.8 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.167 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011525.D

Acq: 15 Jun 2019 08:30

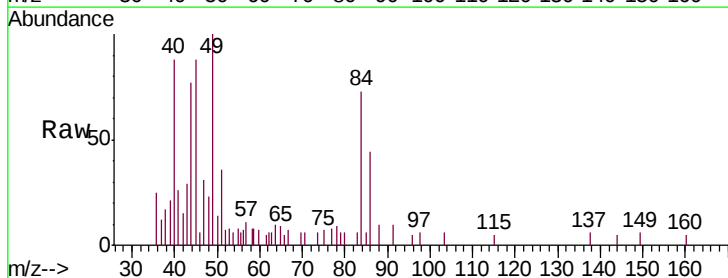
Tgt Ion: 84 Resp: 2313

Ion Ratio Lower Upper

84 100

86 59.5 42.5 78.9

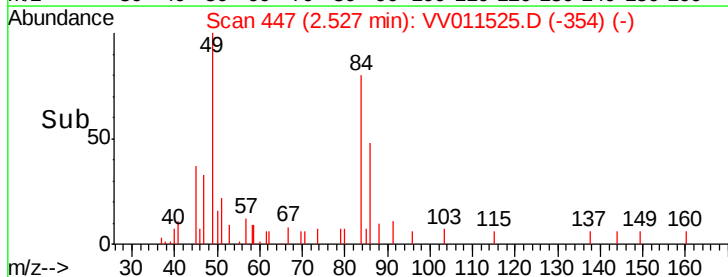
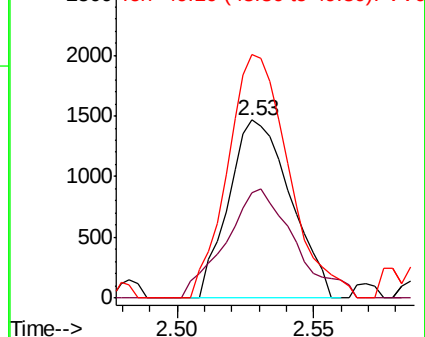
49 136.8 97.7 181.5

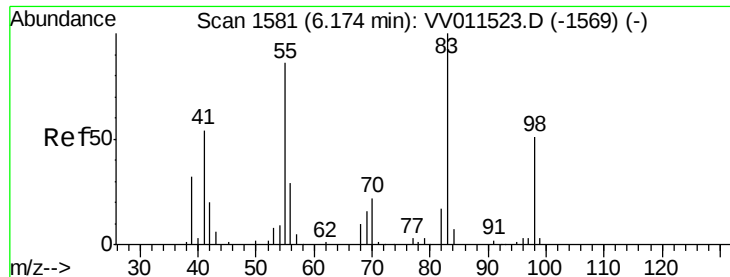


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011525.D

Acq: 15 Jun 2019 08:30

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

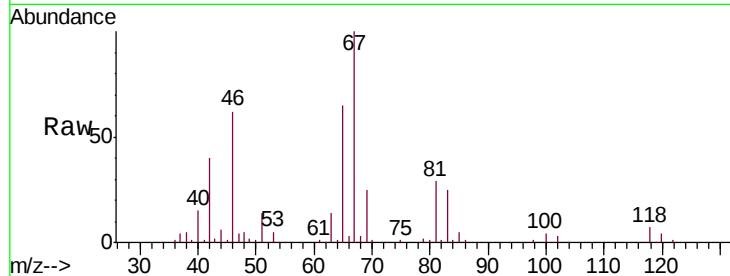
Tgt Ion: 83 Resp: 16370

Ion Ratio Lower Upper

83 100

55 1.0 67.9 101.9#

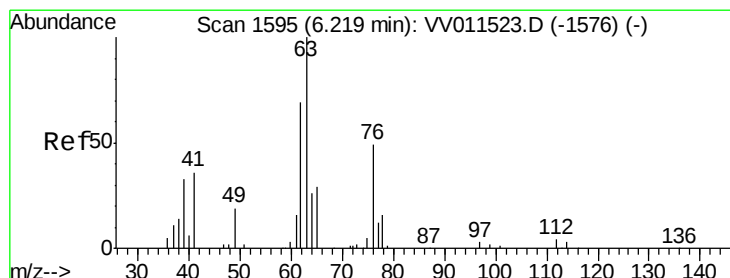
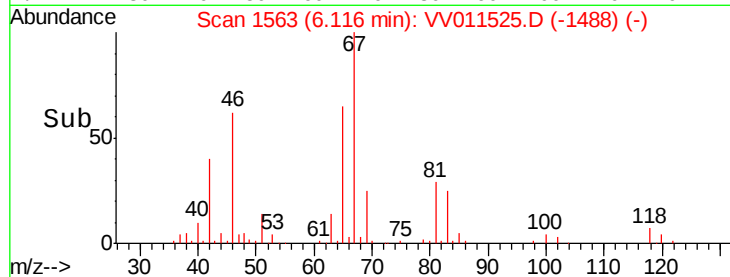
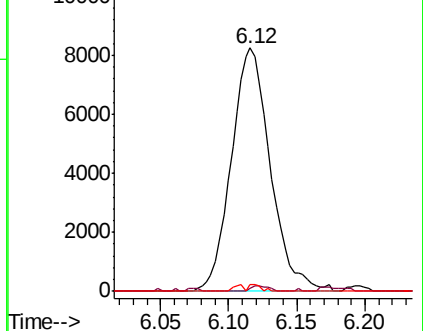
98 0.9 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011525.D

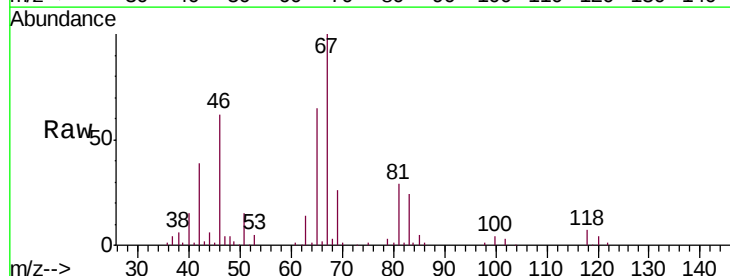
Acq: 15 Jun 2019 08:30

Tgt Ion: 63 Resp: 8783

Ion Ratio Lower Upper

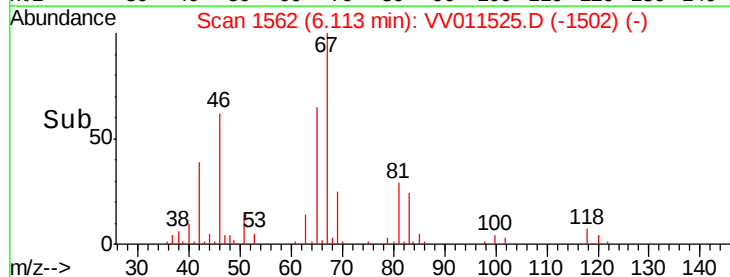
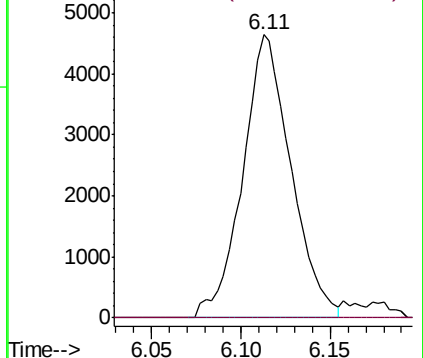
63 100

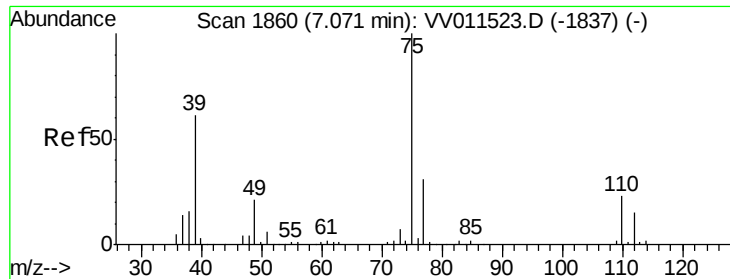
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011525.D

Acq: 15 Jun 2019 08:30

Instrument :

MSVOA_V

ClientSampleId :

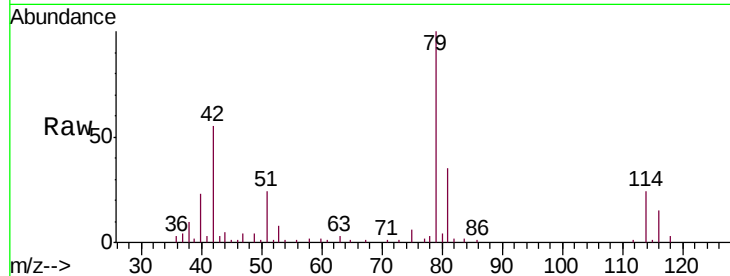
VHBLK01

Tgt Ion: 75 Resp: 1762

Ion Ratio Lower Upper

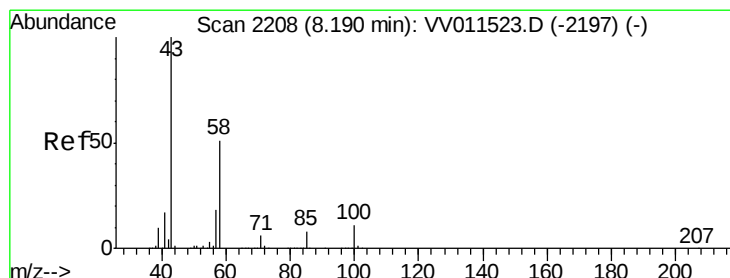
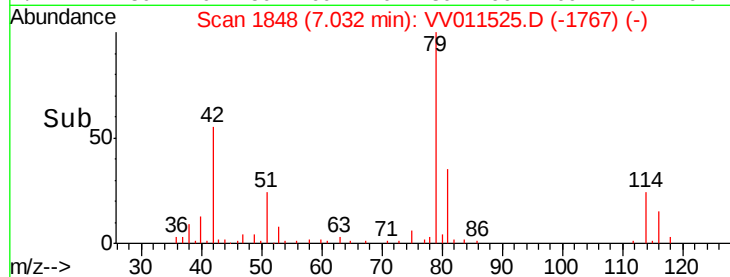
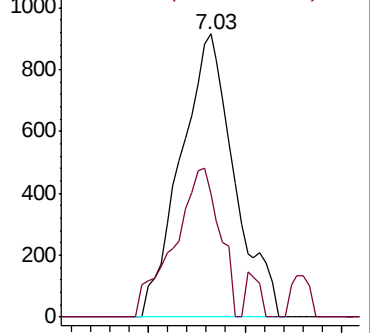
75 100

77 43.4 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.394 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011525.D

Acq: 15 Jun 2019 08:30

Tgt Ion: 43 Resp: 18650

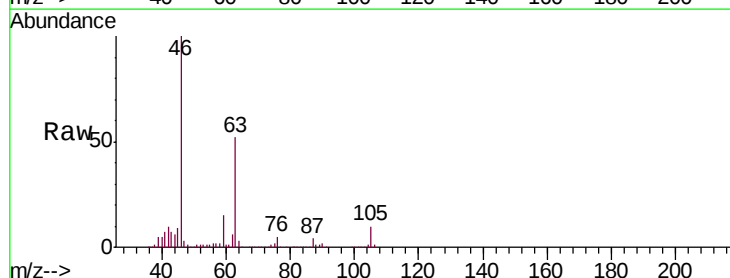
Ion Ratio Lower Upper

43 100

58 31.4 40.6 60.8#

57 26.3 14.2 21.4#

100 1.0 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

