

Data File : VV011311.D
Acq On : 08 Jun 2019 03:27
Operator : SY/MD
Sample : K3228-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P13

Quant Time: Jun 08 05:31:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155490	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42706	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.55	69	37376	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.12	63	69311	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.94	46	143342	54.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	4.40	84	90769	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	52587	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.09	84	177181	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.11	67	57056	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.36	98	153400	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.66	79	16347	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.13	63	111246	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42411	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52177	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

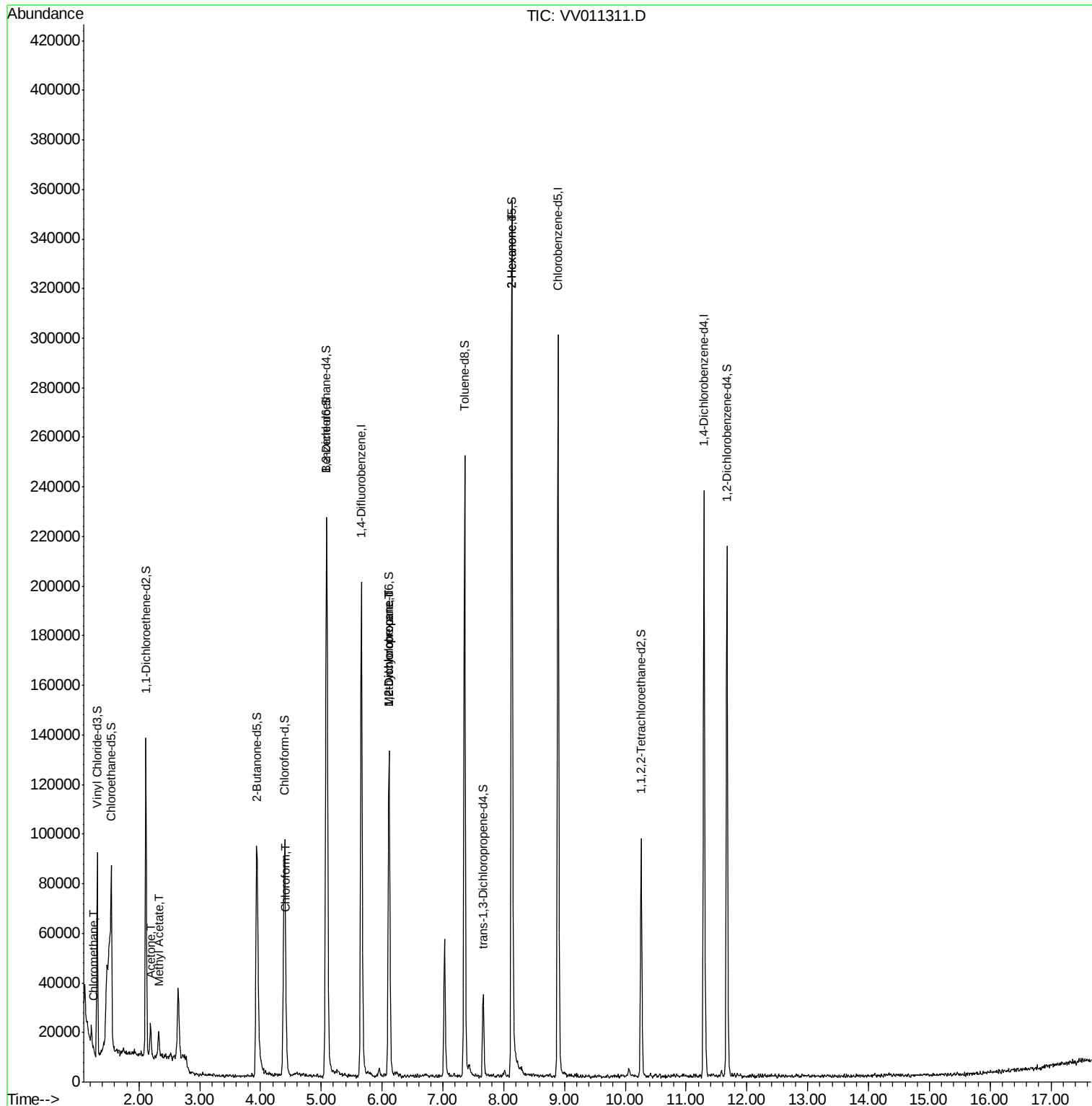
						Qvalue
3) Chloromethane	1.25	50	1481	0.100	ug/L	98
13) Acetone	2.19	43	8700	4.892	ug/L	90
15) Methyl Acetate	2.33	43	2952	0.625	ug/L #	58
25) Chloroform	4.42	83	6335	0.284	ug/L	98
35) Methylcyclohexane	6.11	83	13785	0.689	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7050	0.605	ug/L #	87
48) 2-Hexanone	8.13	43	15591	3.012	ug/L #	72

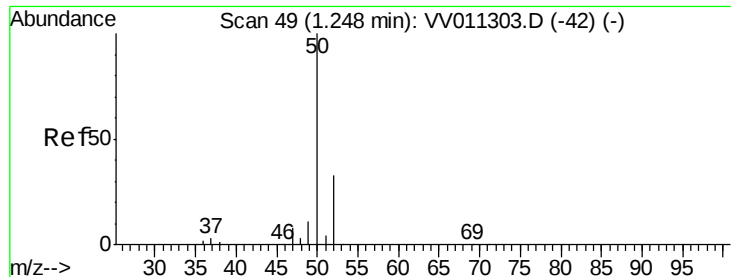
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 08 Jun 2019 03:27

Instrument :

MSVOA_V

ClientSampled :

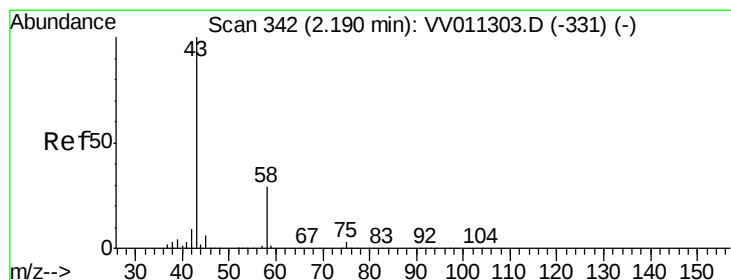
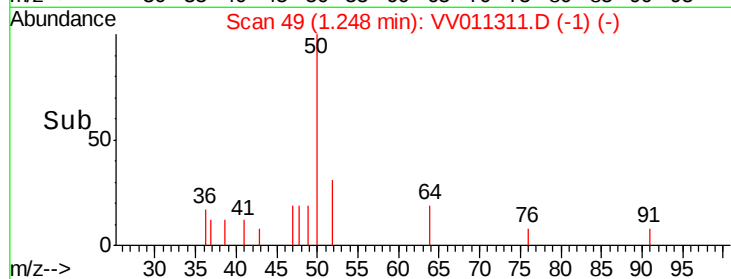
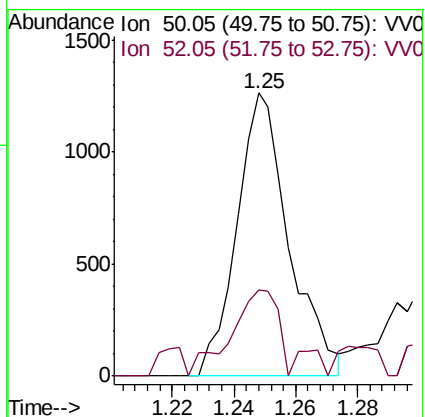
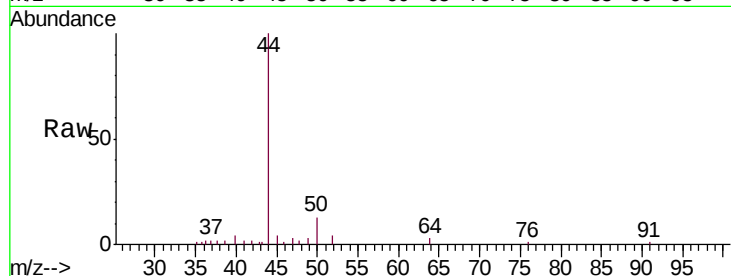
F9P13

Tgt Ion: 50 Resp: 1481

Ion Ratio Lower Upper

50 100

52 30.6 22.3 41.5



#13

Acetone

Concen: 4.892 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011311.D

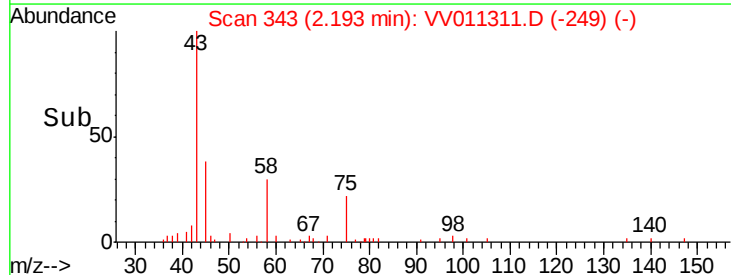
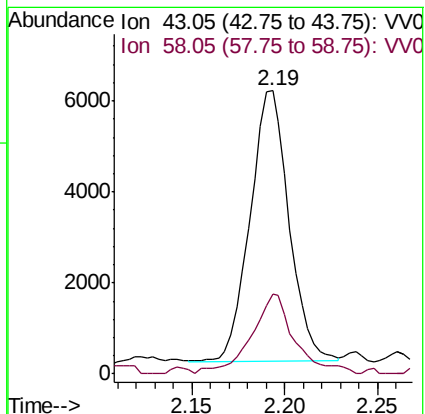
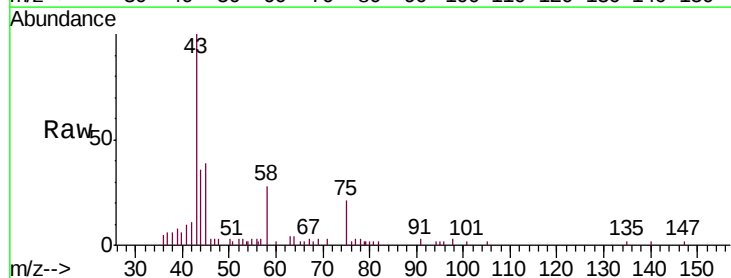
Acq: 08 Jun 2019 03:27

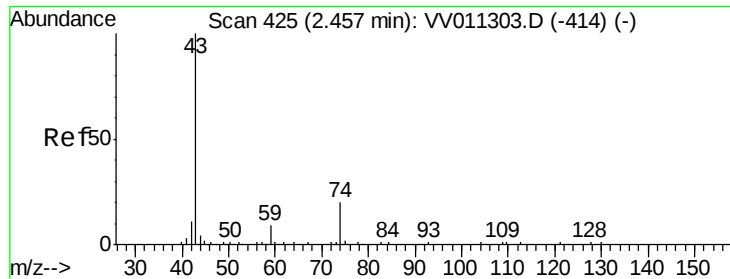
Tgt Ion: 43 Resp: 8700

Ion Ratio Lower Upper

43 100

58 32.8 0.0 55.2





#15

Methyl Acetate

Concen: 0.625 ug/L

RT: 2.33 min Scan# 384

Delta R.T. -0.13 min

Lab File: VV011311.D

Acq: 08 Jun 2019 03:27

Instrument :

MSVOA_V

ClientSampleId :

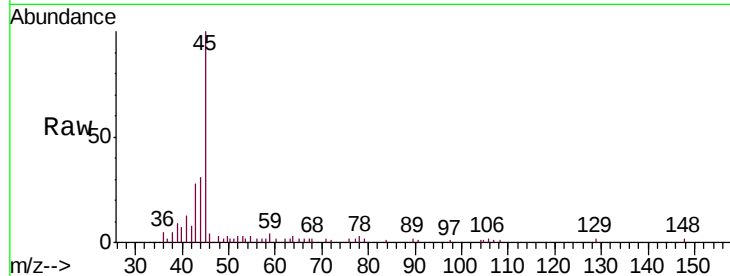
F9P13

Tgt Ion: 43 Resp: 2952

Ion Ratio Lower Upper

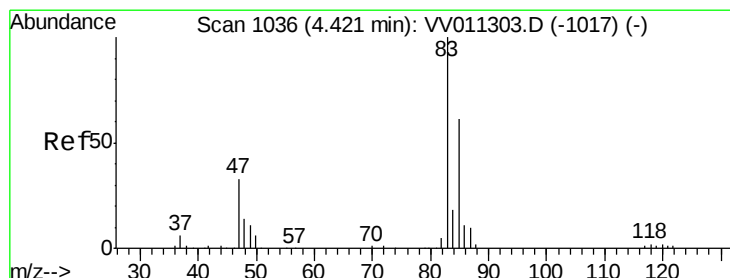
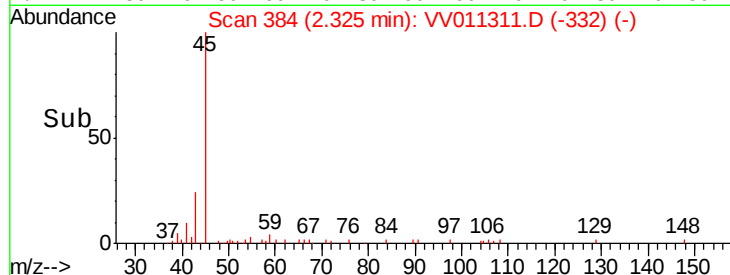
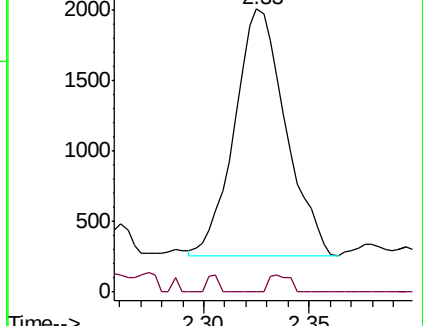
43 100

74 2.9 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#25

Chloroform

Concen: 0.284 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011311.D

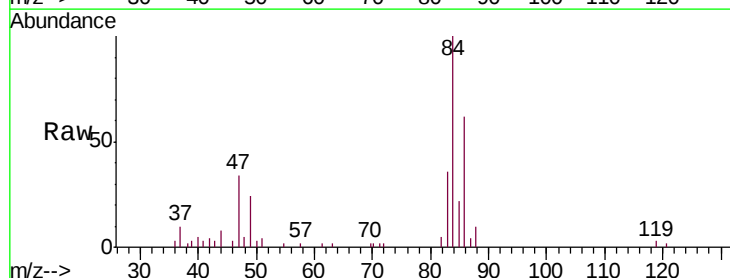
Acq: 08 Jun 2019 03:27

Tgt Ion: 83 Resp: 6335

Ion Ratio Lower Upper

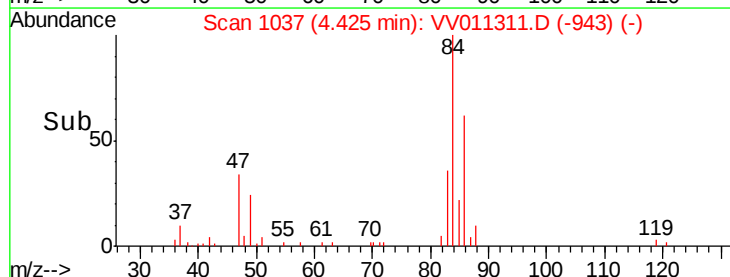
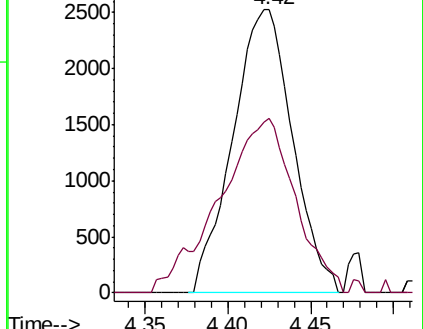
83 100

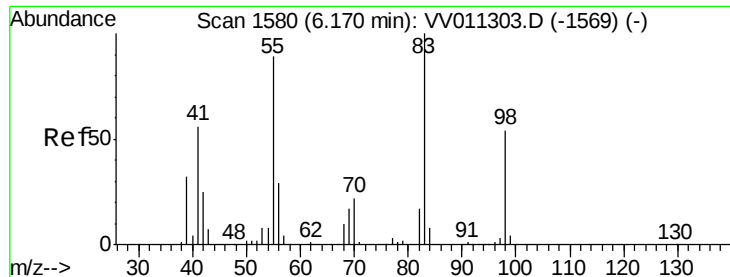
85 61.6 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011311.D

Acq: 08 Jun 2019 03:27

Instrument :

MSVOA_V

ClientSampleId :

F9P13

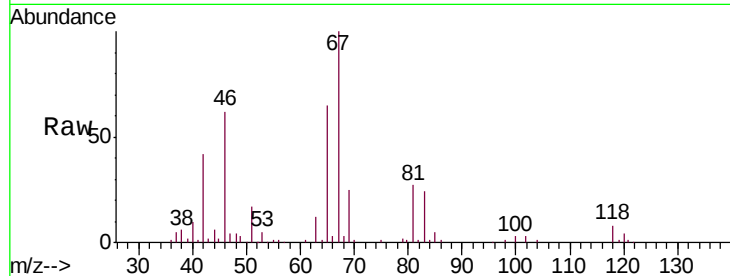
Tgt Ion: 83 Resp: 13785

Ion Ratio Lower Upper

83 100

55 1.7 67.0 100.6#

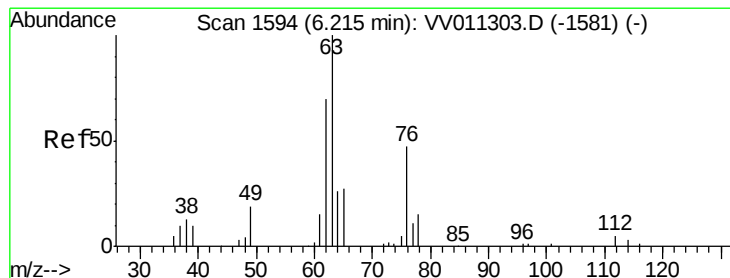
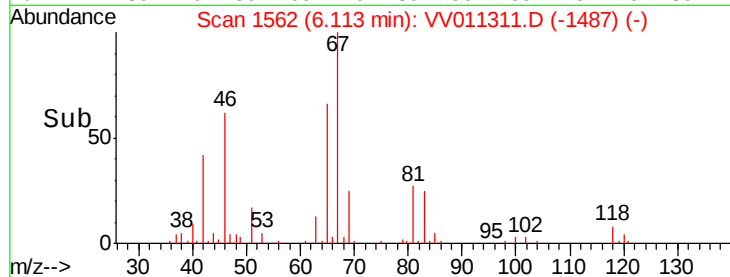
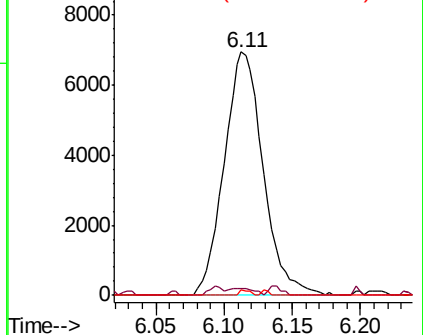
98 0.6 40.0 60.0#



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: 0.605 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV011311.D

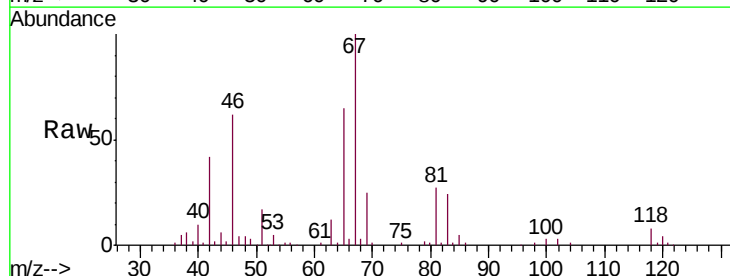
Acq: 08 Jun 2019 03:27

Tgt Ion: 63 Resp: 7050

Ion Ratio Lower Upper

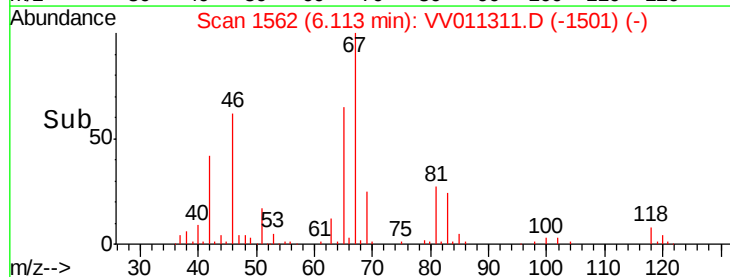
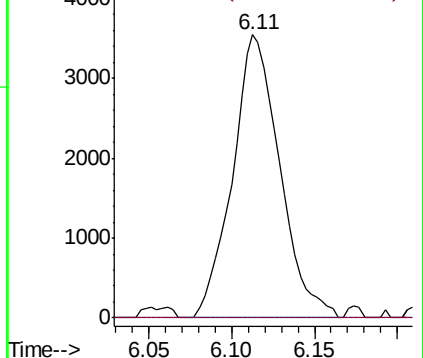
63 100

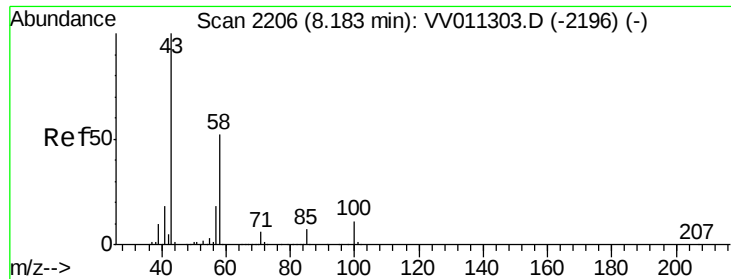
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.012 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011311.D

Acq: 08 Jun 2019 03:27

Instrument :
MSVOA_V
ClientSampleId :
F9P13

Tgt Ion: 43 Resp: 15591

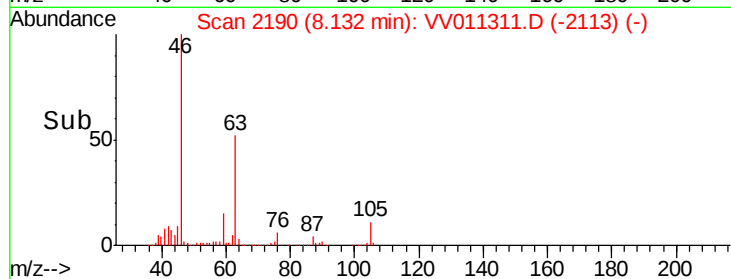
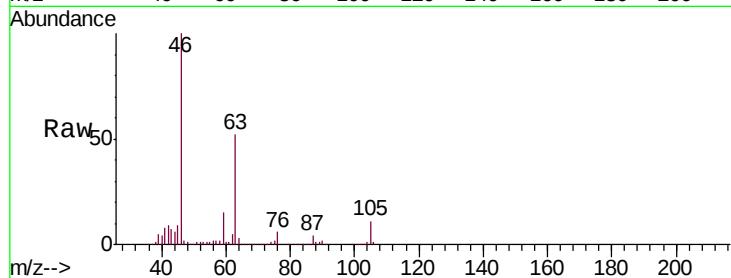
Ion Ratio Lower Upper

43 100

58 27.7 41.4 62.0#

57 24.2 15.0 22.4#

100 0.6 9.0 13.4#



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

