

Data File : VV011287.D
Acq On : 07 Jun 2019 14:40
Operator : SY/MD
Sample : K3230-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 08 00:43:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166750	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47573	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.57	69	41880	3.99	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.12	63	77318	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.95	46	129966	45.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.38%
24) Chloroform-d	4.40	84	93700	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	51905	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.09	84	183905	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.12	67	58099	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	161899	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.66	79	17754	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.14	63	97606	44.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39091	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	50100	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

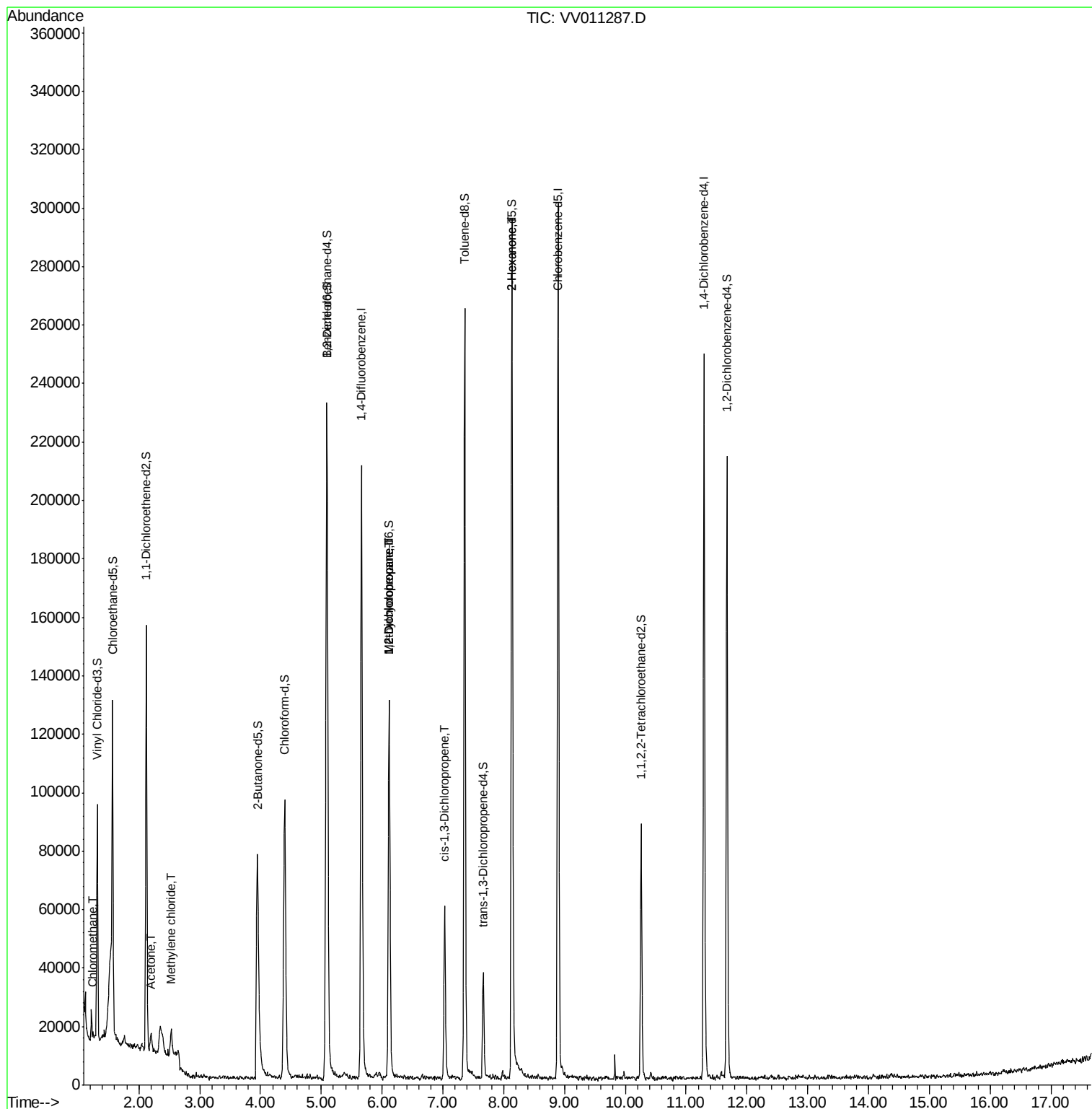
					Qvalue
3) Chloromethane	1.25	50	1497	0.094 ug/L #	82
13) Acetone	2.20	43	4219	2.212 ug/L	65
16) Methylene chloride	2.53	84	3269	0.302 ug/L	96
35) Methylcyclohexane	6.12	83	13873	0.690 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7526	0.643 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1894	0.111 ug/L	86
48) 2-Hexanone	8.13	43	13217	2.541 ug/L #	70

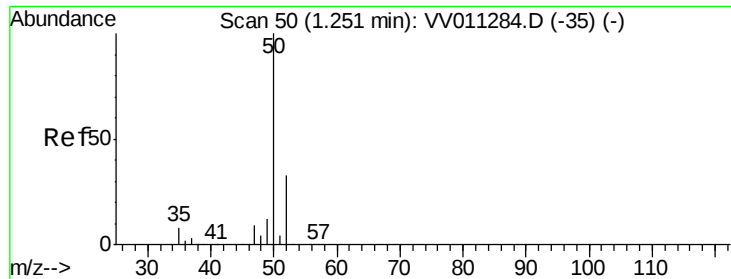
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

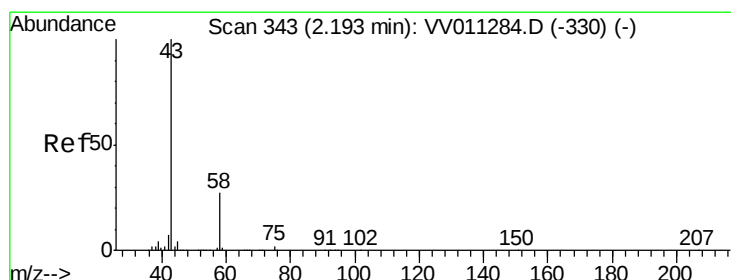
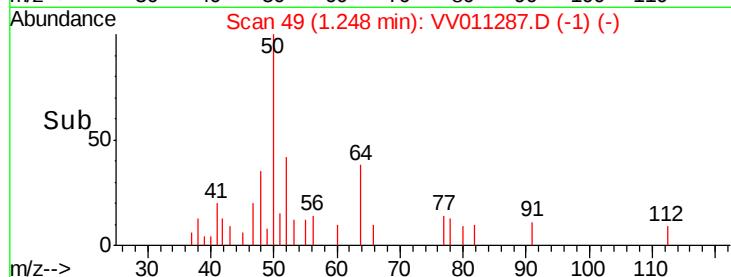
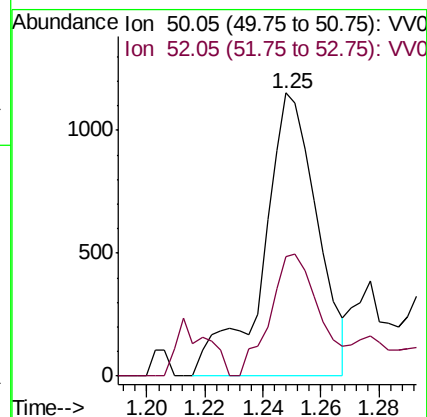
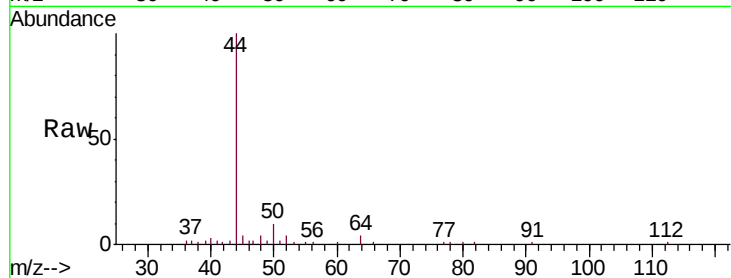
VHBLK01

Tgt Ion: 50 Resp: 1497

Ion Ratio Lower Upper

50 100

52 42.1 22.3 41.5#



#13

Acetone

Concen: 2.212 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV011287.D

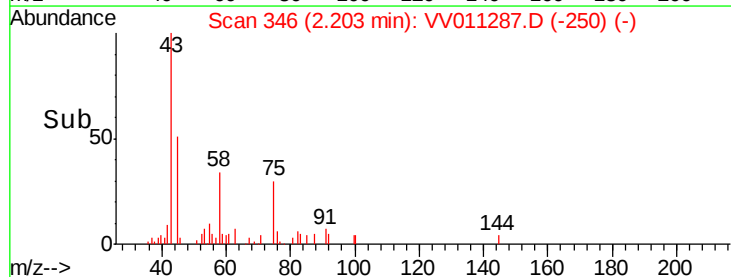
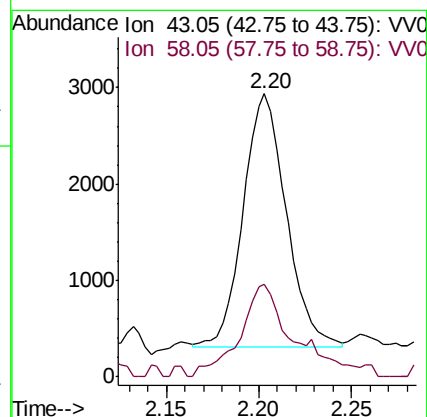
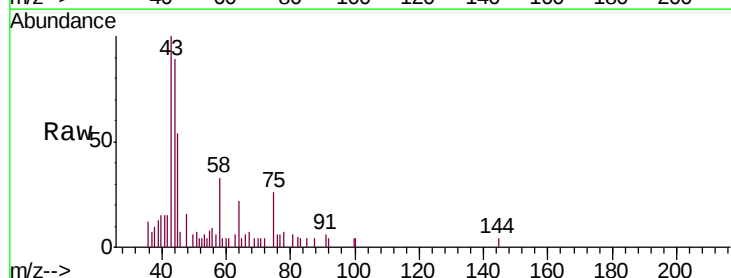
Acq: 07 Jun 2019 14:40

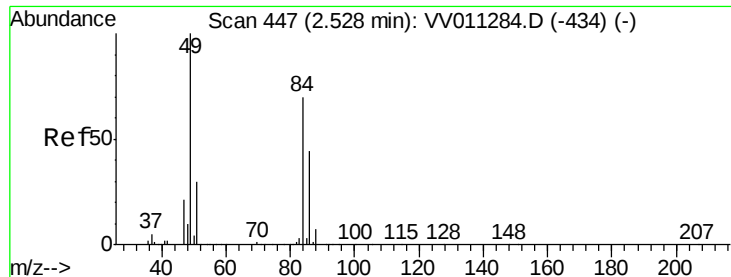
Tgt Ion: 43 Resp: 4219

Ion Ratio Lower Upper

43 100

58 46.0 0.0 55.2

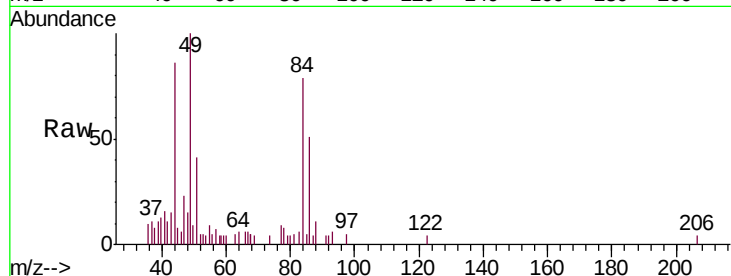




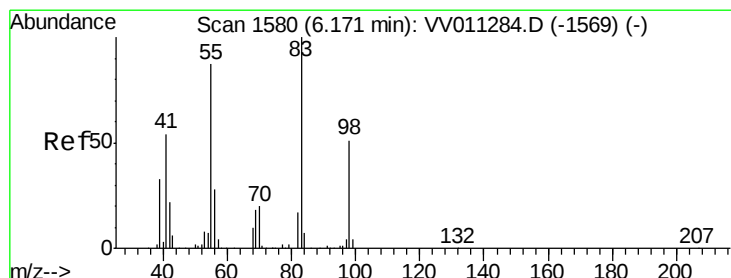
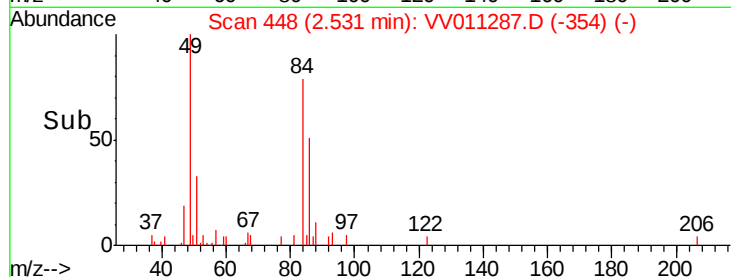
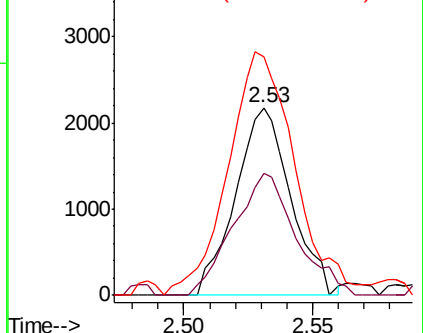
#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011287.D
Acq: 07 Jun 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 3269
Ion Ratio Lower Upper
84 100
86 64.9 44.9 83.3
49 139.0 102.1 189.5

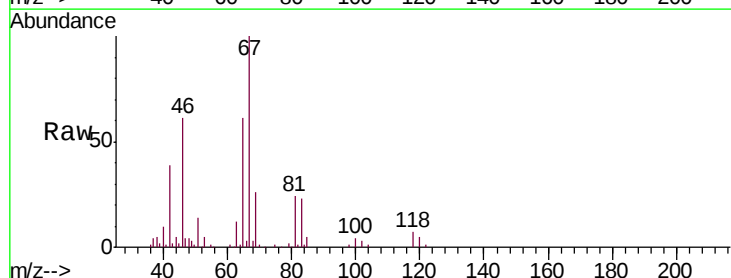


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

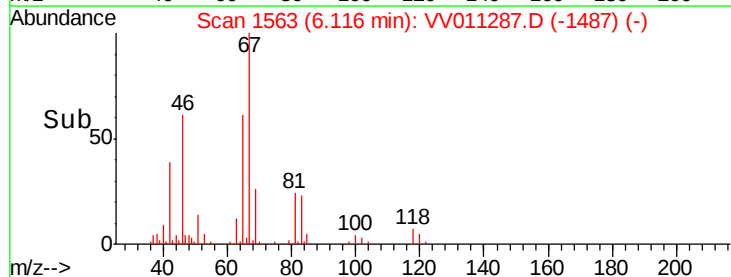
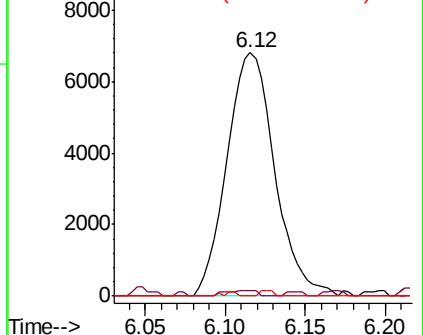


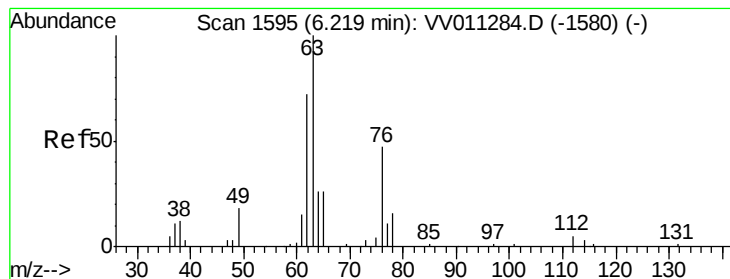
#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011287.D
Acq: 07 Jun 2019 14:40

Tgt Ion: 83 Resp: 13873
Ion Ratio Lower Upper
83 100
55 1.5 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: 0.643 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011287.D

Acq: 07 Jun 2019 14:40

Instrument :

MSVOA_V

ClientSampleId :

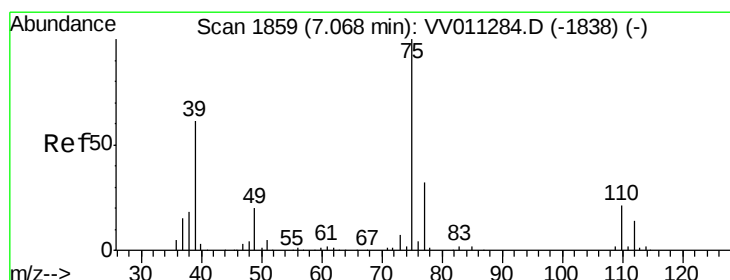
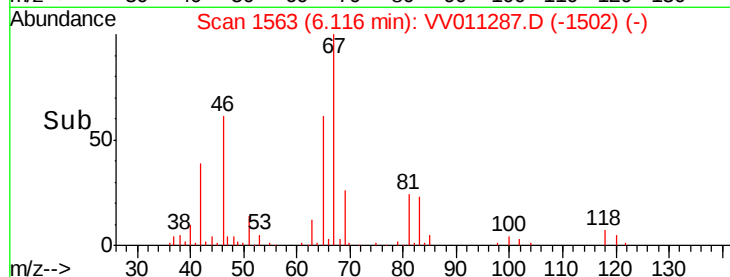
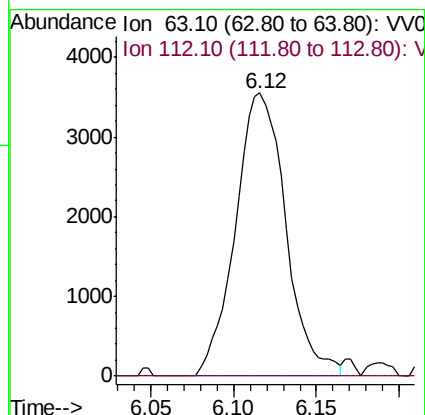
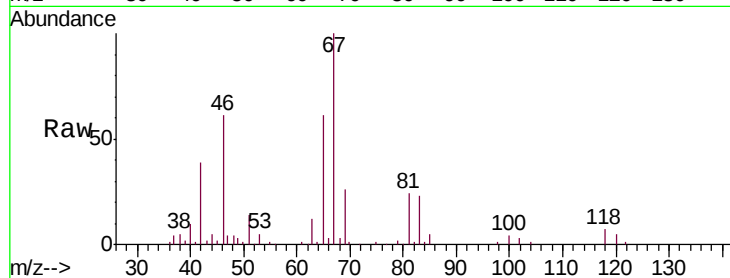
VHBLK01

Tgt Ion: 63 Resp: 7526

Ion Ratio Lower Upper

63 100

112 0.3 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011287.D

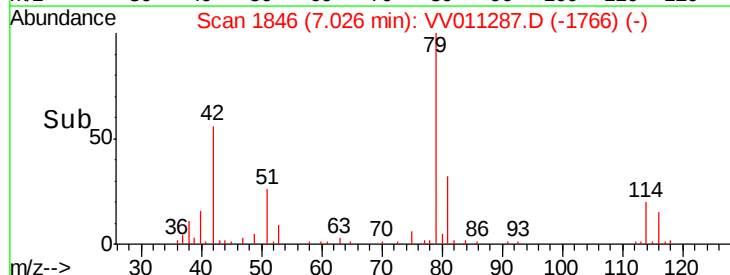
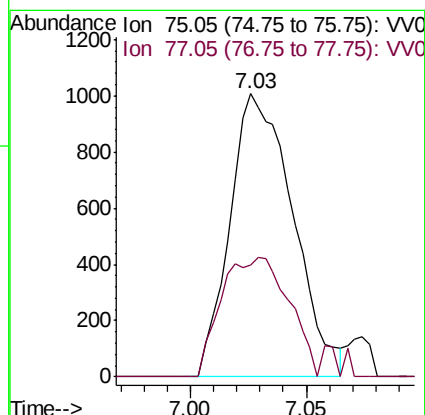
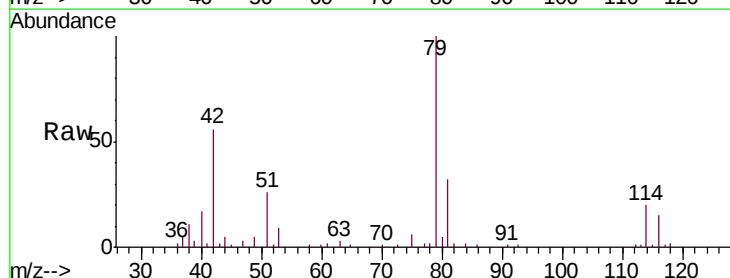
Acq: 07 Jun 2019 14:40

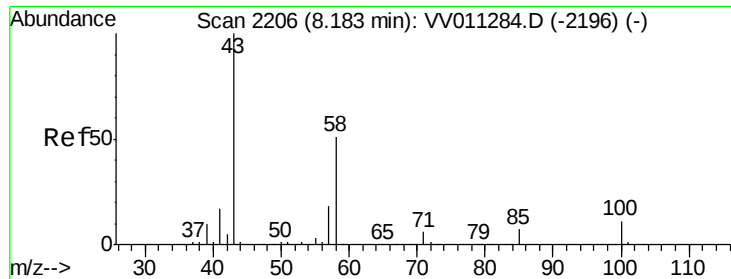
Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

77 39.3 22.2 41.2





#48

2-Hexanone

Concen: 2.541 ug/L

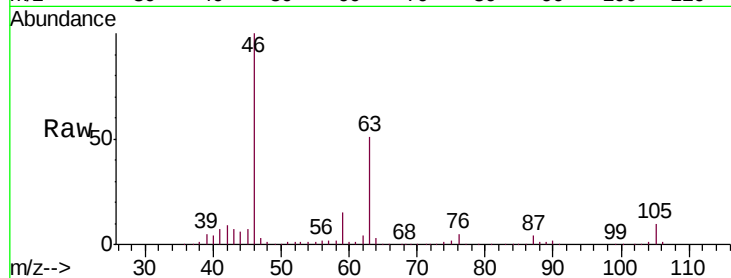
RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011287.D

Acq: 07 Jun 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01



Tgt Ion:	43	Resp:	13217
Ion	Ratio	Lower	Upper
43	100		
58	25.7	41.4	62.0#
57	23.1	15.0	22.4#
100	0.2	9.0	13.4#

