

Data File : VV012889.D
Acq On : 18 Sep 2019 12:08
Operator : SY/MD
Sample : VV0918WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK31

Quant Time: Sep 19 01:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371942	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173082	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	151271	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	218108	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.99	46	325194	42.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.36%
24) Chloroform-d	4.40	84	294959	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	151293	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	604138	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	189052	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	486455	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	59631	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	232873	40.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	128177	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	173990	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2306	0.105	ug/L #	31
12) 1,1-Dichloroethene	2.13	96	2422	0.122	ug/L #	1
16) Methylene chloride	2.54	84	4065	0.166	ug/L #	83
25) Chloroform	4.43	83	14514	0.282	ug/L	96
35) Methylcyclohexane	6.12	83	44313	1.305	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19829	0.741	ug/L #	86
48) 2-Hexanone	8.14	43	38504	3.091	ug/L #	82

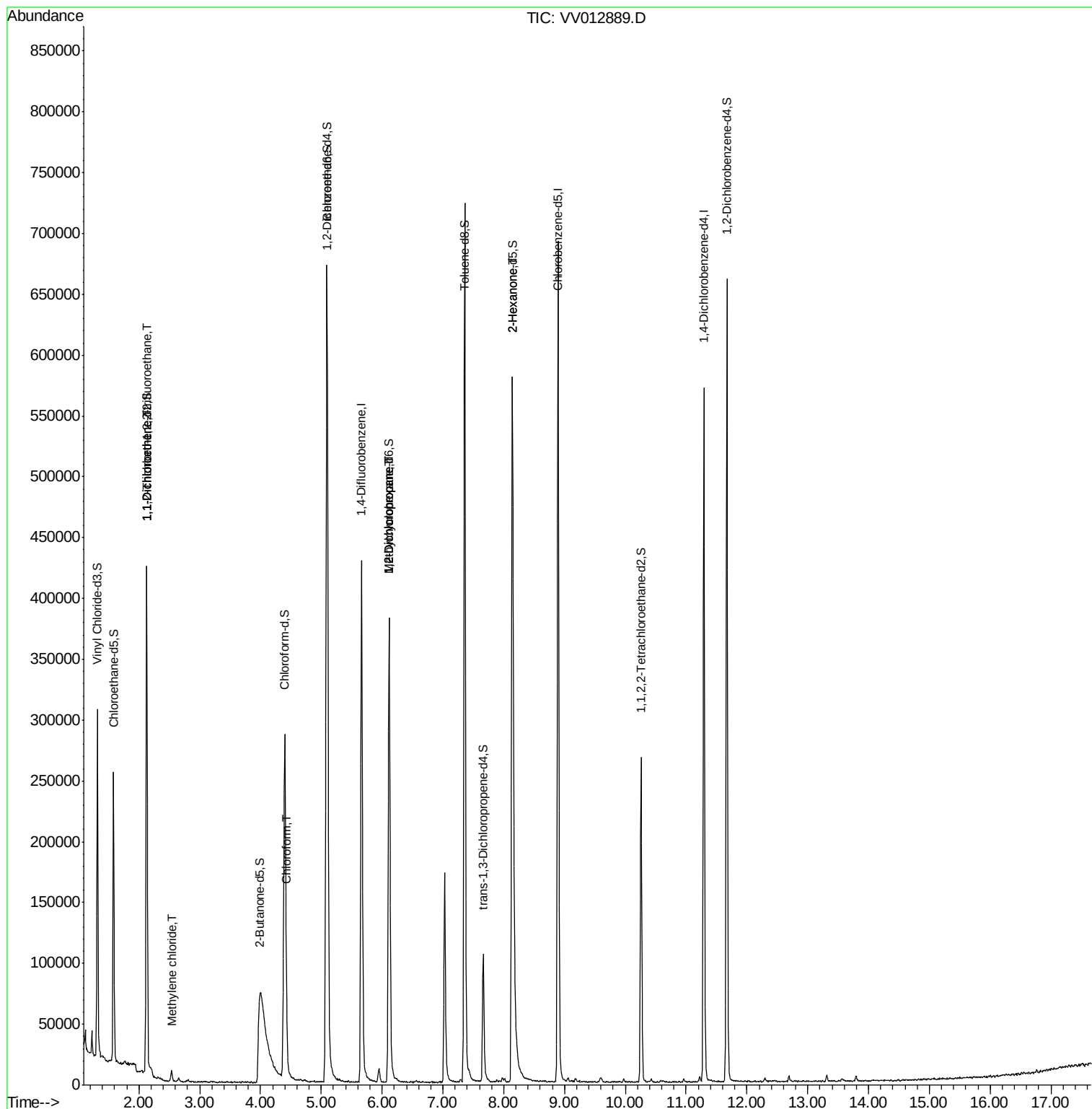
(#) = qualifier out of range (m) = manual integration (+) = signals summed

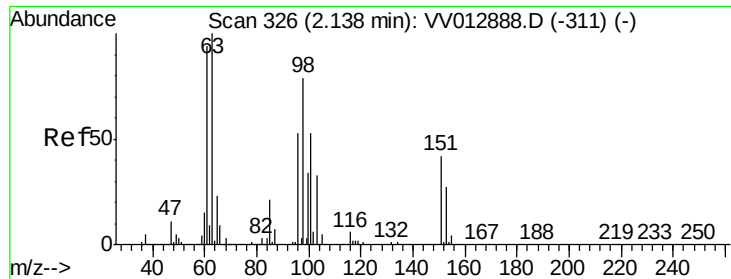
Data File : VV012889.D

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ALS Vial     : 4      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.105 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012889.D

Acq: 18 Sep 2019 12:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK31

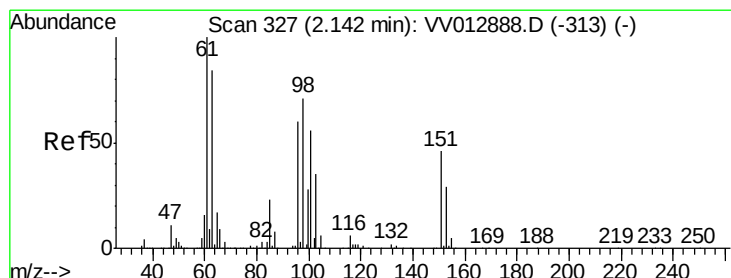
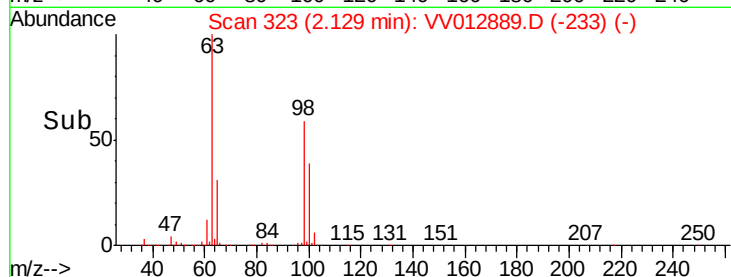
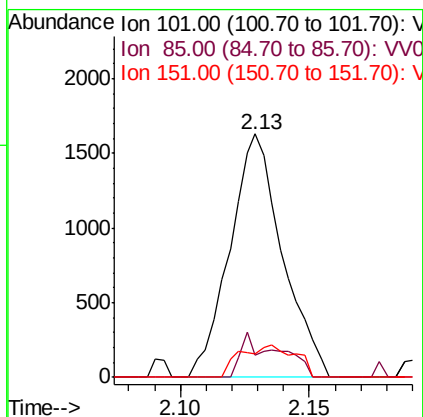
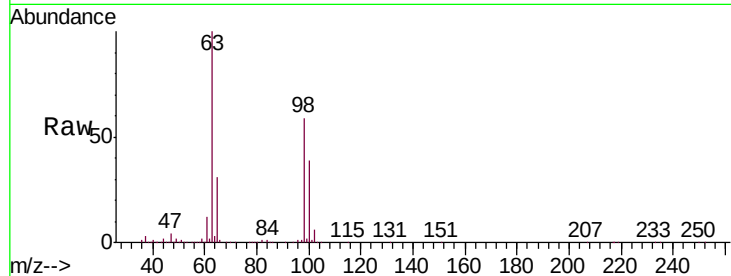
Tgt Ion: 101 Resp: 2306

Ion Ratio Lower Upper

101 100

85 6.3 33.5 50.3#

151 13.9 64.0 96.0#



#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012889.D

Acq: 18 Sep 2019 12:08

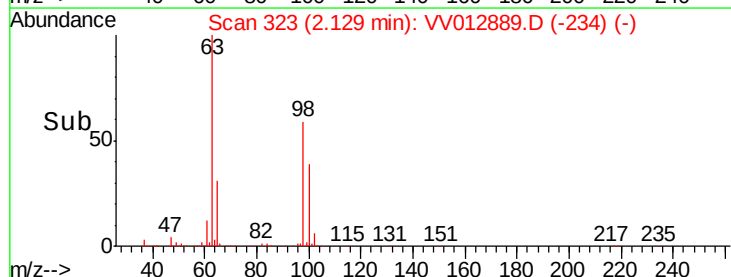
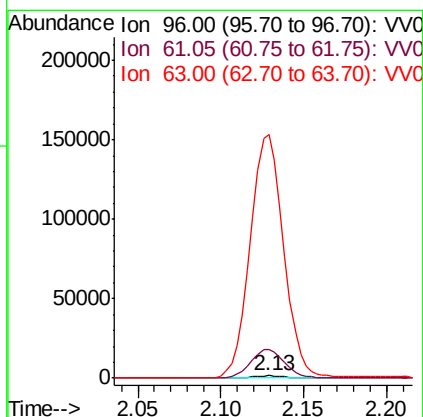
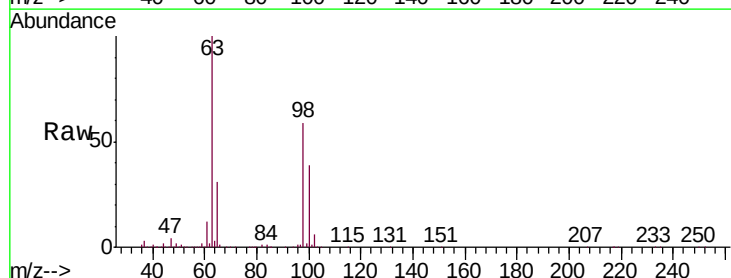
Tgt Ion: 96 Resp: 2422

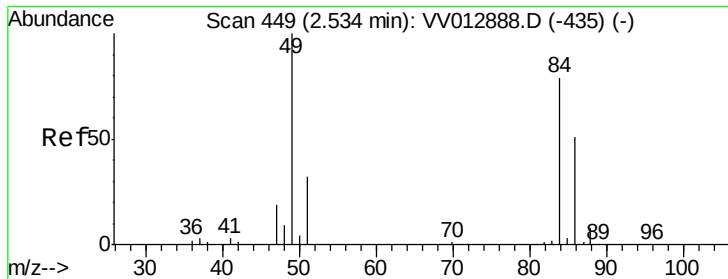
Ion Ratio Lower Upper

96 100

61 1185.4 116.1 215.5#

63 10153.5 113.3 210.3#

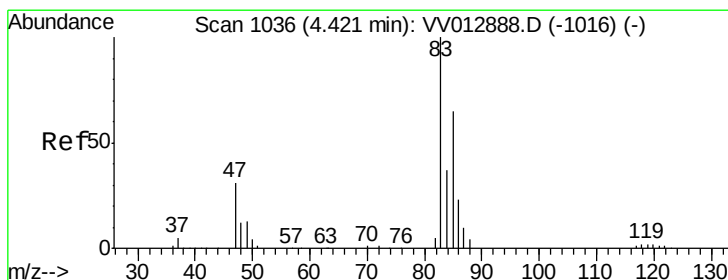
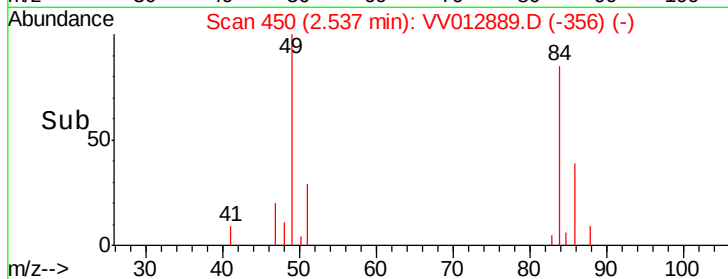
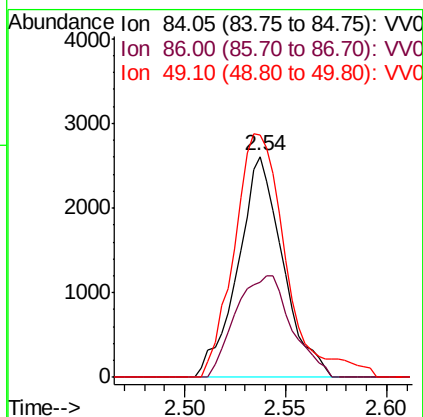
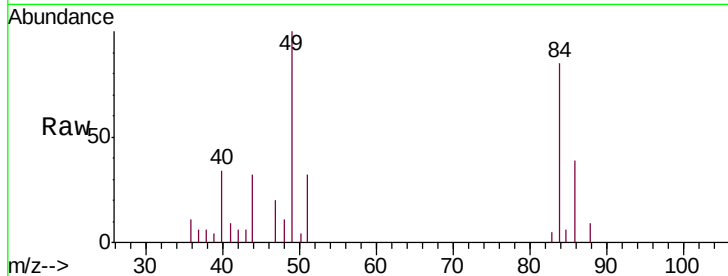




#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012889.D
Acq: 18 Sep 2019 12:08

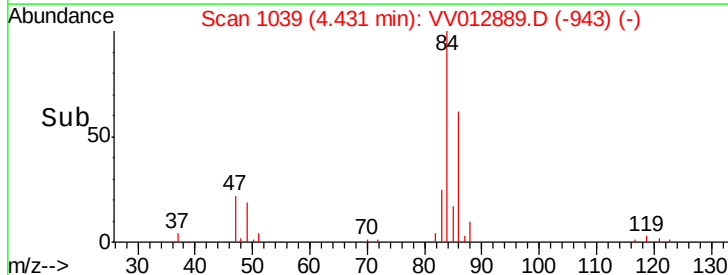
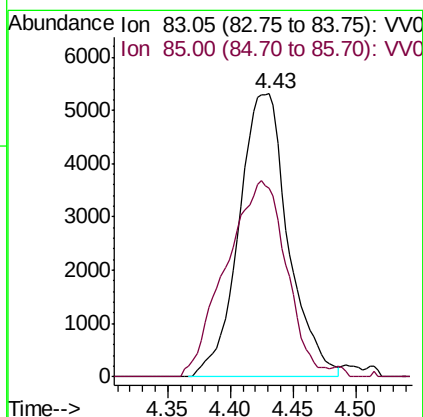
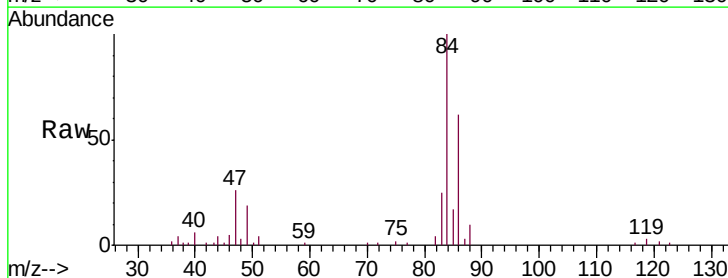
Instrument :
MSVOA_V
ClientSampleId :
VBLK31

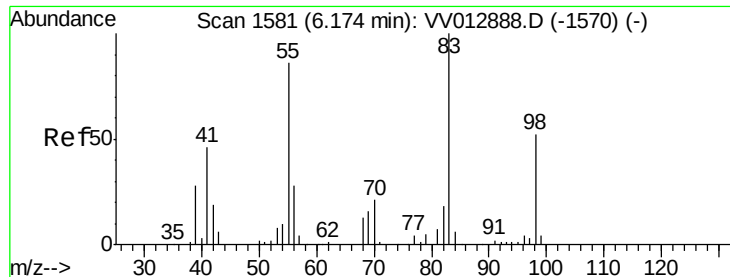
Tgt Ion: 84 Resp: 4065
Ion Ratio Lower Upper
84 100
86 43.3 44.8 83.2#
49 109.8 85.9 159.5



#25
Chloroform
Concen: 0.282 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012889.D
Acq: 18 Sep 2019 12:08

Tgt Ion: 83 Resp: 14514
Ion Ratio Lower Upper
83 100
85 66.6 44.4 82.5





#35

Methylcyclohexane

Concen: 1.305 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012889.D

Acq: 18 Sep 2019 12:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK31

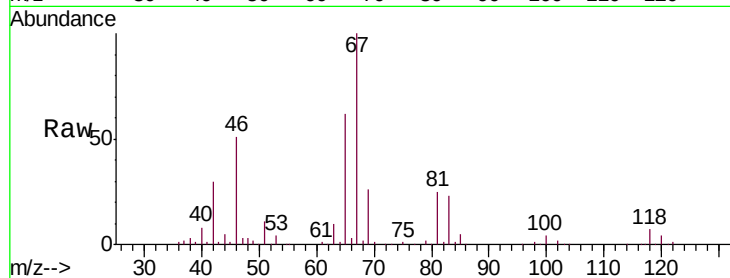
Tgt Ion: 83 Resp: 44313

Ion Ratio Lower Upper

83 100

55 0.5 63.8 95.6#

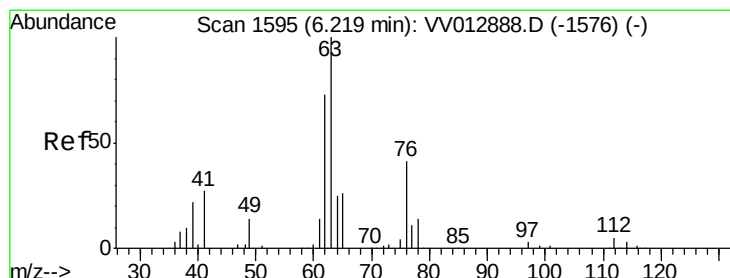
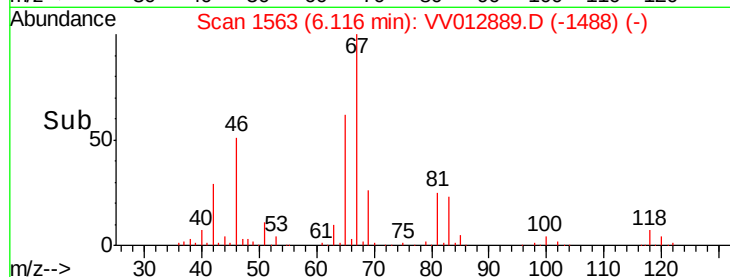
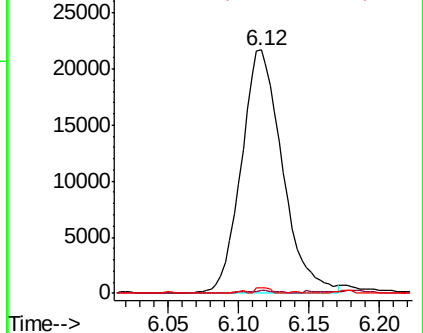
98 0.8 38.2 57.4#



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: 0.741 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012889.D

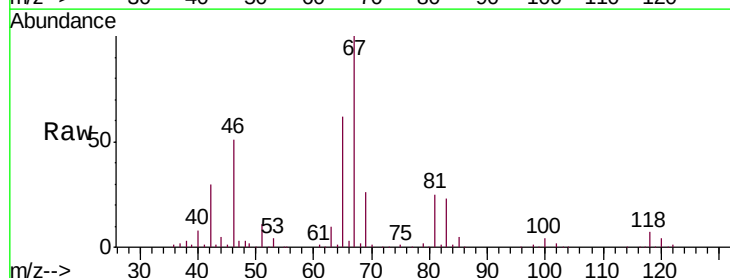
Acq: 18 Sep 2019 12:08

Tgt Ion: 63 Resp: 19829

Ion Ratio Lower Upper

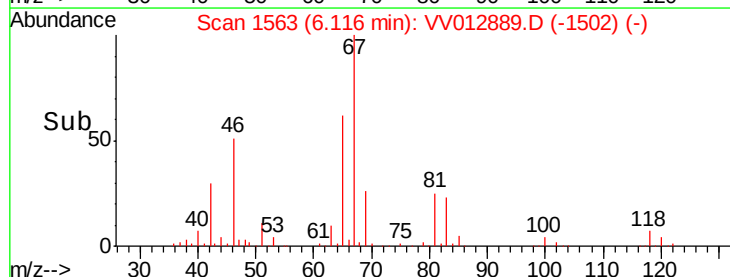
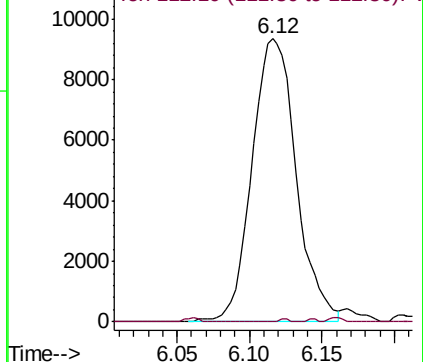
63 100

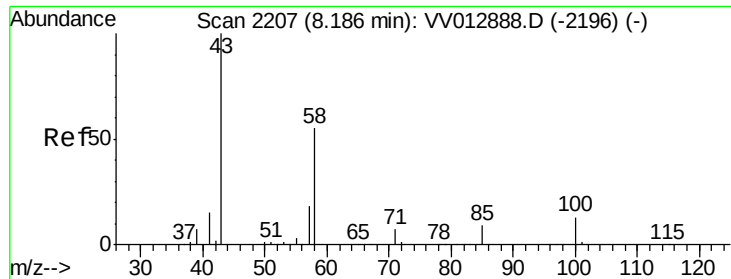
112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.091 ug/L

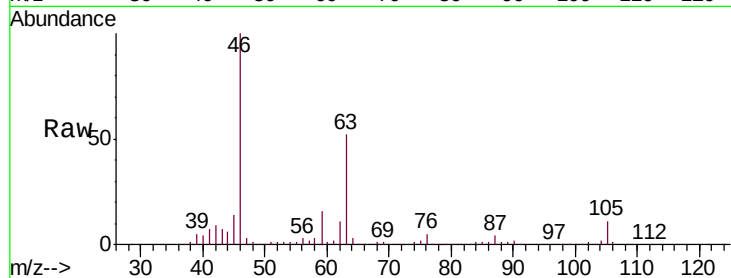
RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV012889.D

Acq: 18 Sep 2019 12:08

Instrument :
MSVOA_V
ClientSampleId :
VBLK31



Tgt Ion:	43	Resp:	38504
Ion	Ratio	Lower	Upper
43	100		
58	44.5	44.5	66.7
57	29.1	15.0	22.6#
100	3.6	9.7	14.5#

