

Data File : VV013718.D
Acq On : 21 Nov 2019 17:06
Operator : SY/MD
Sample : K5941-11 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC3

Quant Time: Nov 22 04:00:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	298526	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	286592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	132904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117349	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	1.58	69	111921	6.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.00%#
11) 1,1-Dichloroethene-d2	2.13	63	169350	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.95	46	253899	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	4.40	84	259991	6.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.60%#
26) 1,2-Dichloroethane-d4	5.08	65	126961	6.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.60%
32) Benzene-d6	5.09	84	524805	6.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.40%#
36) 1,2-Dichloropropane-d6	6.12	67	156436	6.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	132.60%
41) Toluene-d8	7.36	98	452215	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
43) trans-1,3-Dichloropropene-	7.66	79	53637	5.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.20%
46) 2-Hexanone-d5	8.14	63	202843	59.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105242	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	177770	6.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	139.00%#

Target Compounds

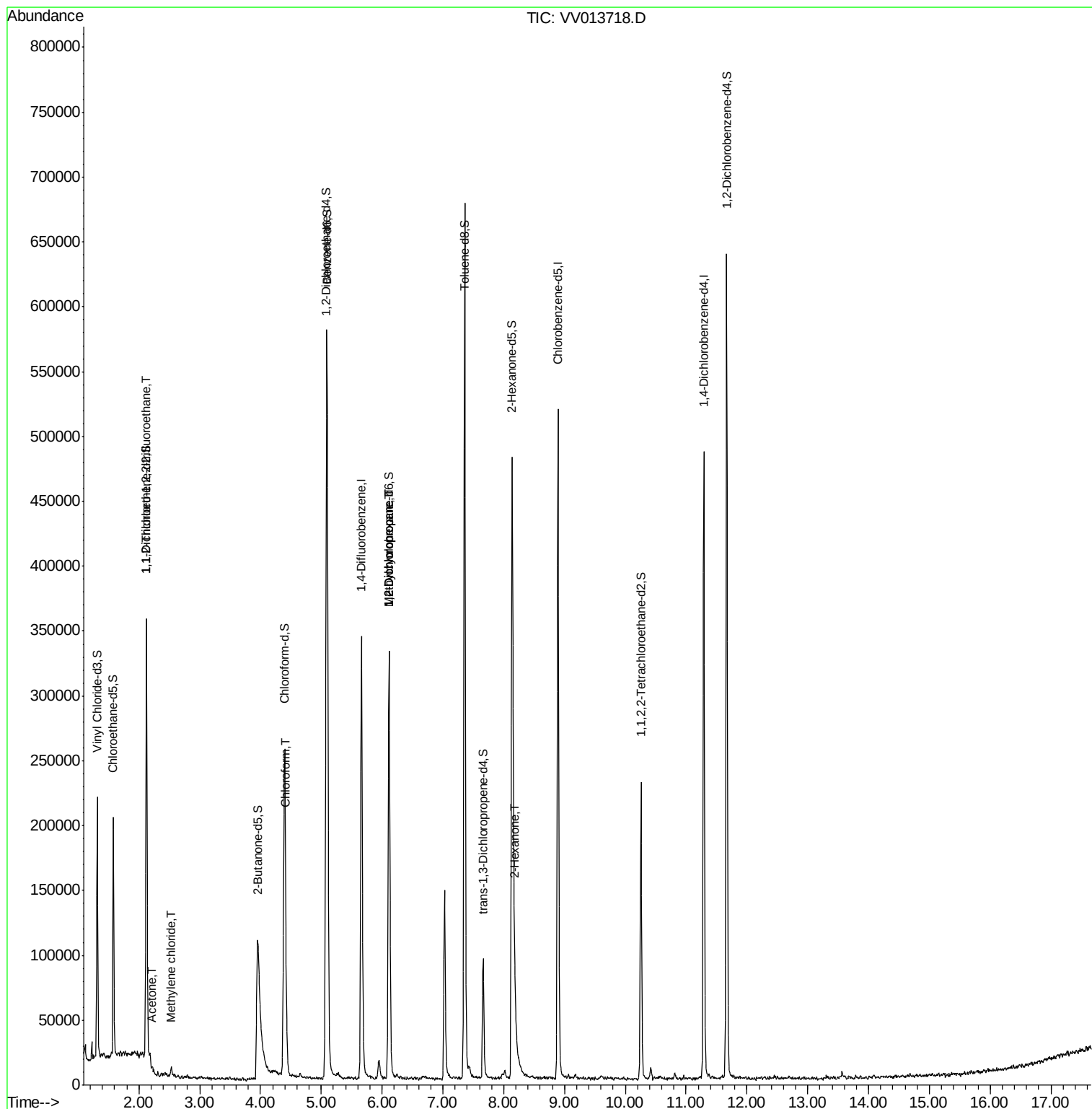
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2114	0.115	ug/L #	28
13) Acetone	2.21	43	4464	1.659	ug/L #	70
16) Methylene chloride	2.53	84	3148	0.127	ug/L	91
25) Chloroform	4.42	83	12107	0.228	ug/L	91
35) Methylcyclohexane	6.12	83	38816	1.096	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	17568	0.846	ug/L #	86
48) 2-Hexanone	8.18	43	12006	1.401	ug/L #	39

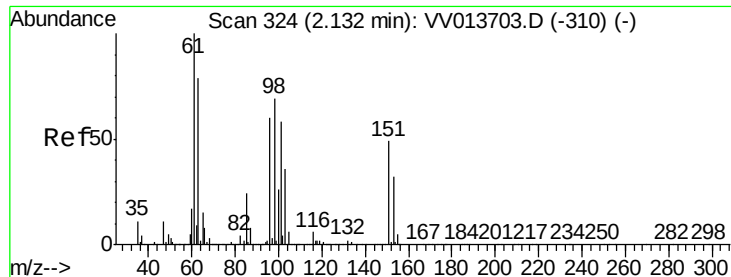
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.115 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 21 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

B0AC3

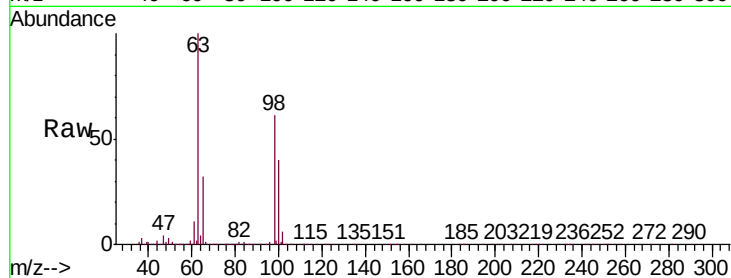
Tgt Ion:101 Resp: 2114

Ion Ratio Lower Upper

101 100

85 7.0 32.0 48.0#

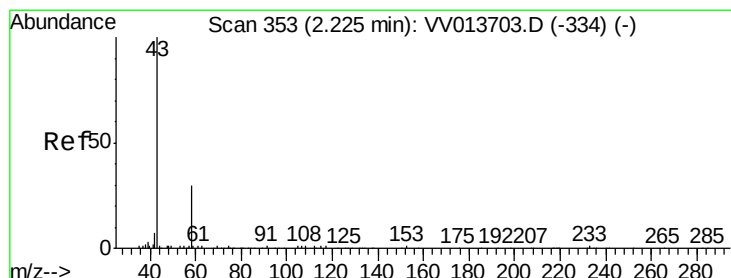
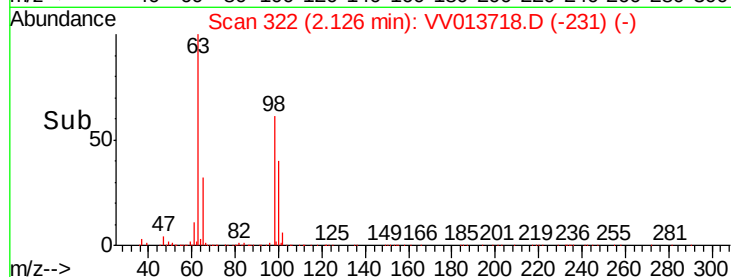
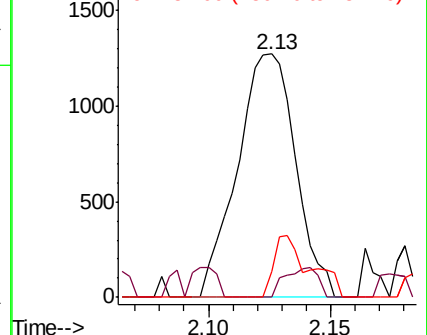
151 11.9 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.659 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV013718.D

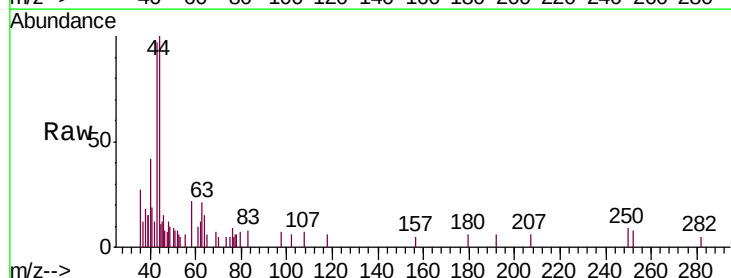
Acq: 21 Nov 2019 17:06

Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

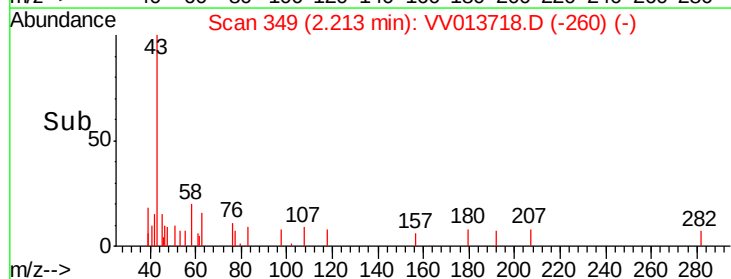
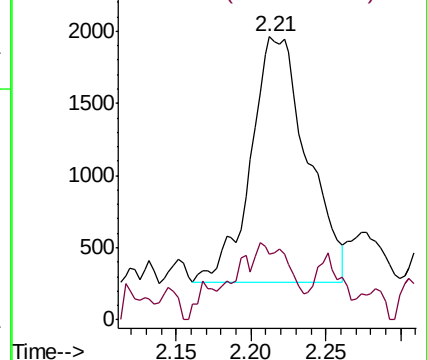
43 100

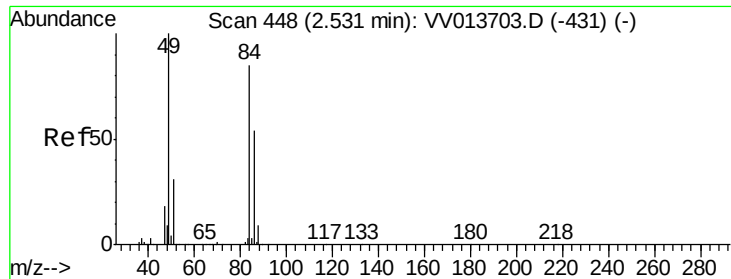
58 19.3 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

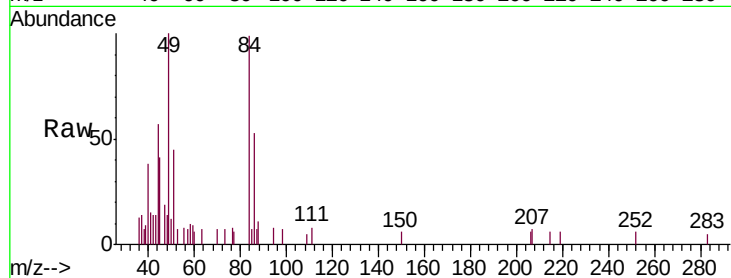




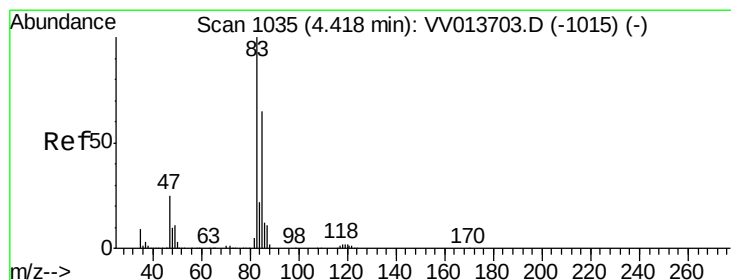
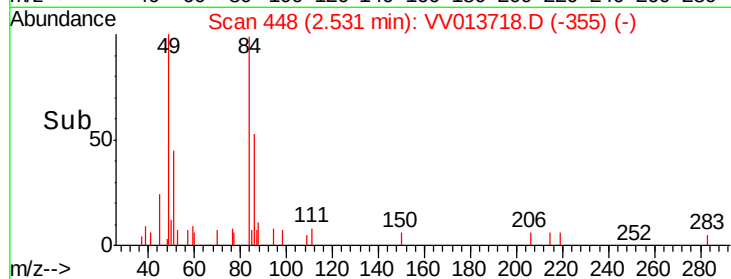
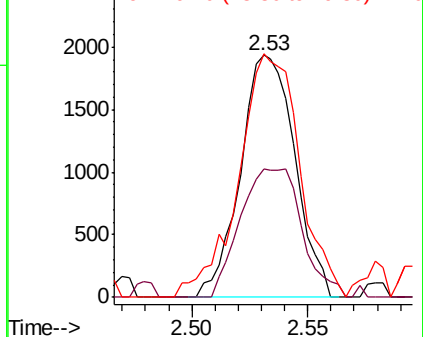
#16
Methylene chloride
Concen: 0.127 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013718.D
Acq: 21 Nov 2019 17:06

Instrument :
MSVOA_V
ClientSampled :
B0AC3

Tgt Ion: 84 Resp: 3148
Ion Ratio Lower Upper
84 100
86 52.9 44.1 81.9
49 112.3 83.4 155.0

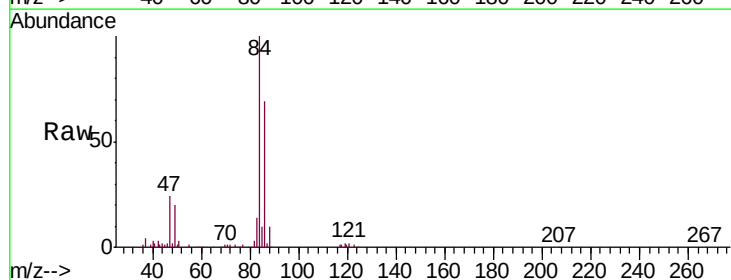


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

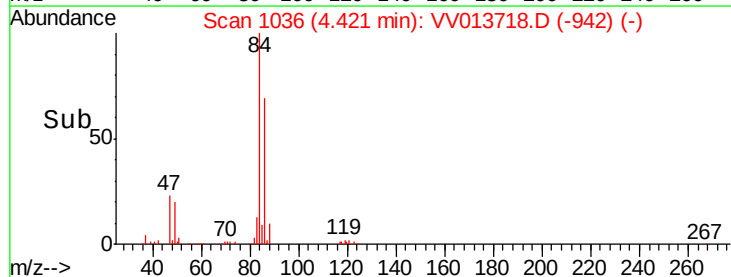
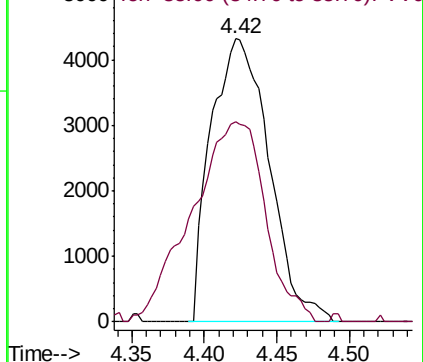


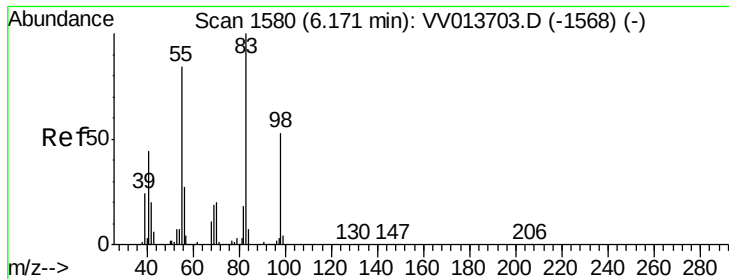
#25
Chloroform
Concen: 0.228 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013718.D
Acq: 21 Nov 2019 17:06

Tgt Ion: 83 Resp: 12107
Ion Ratio Lower Upper
83 100
85 70.6 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 1.096 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013718.D

Acq: 21 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

B0AC3

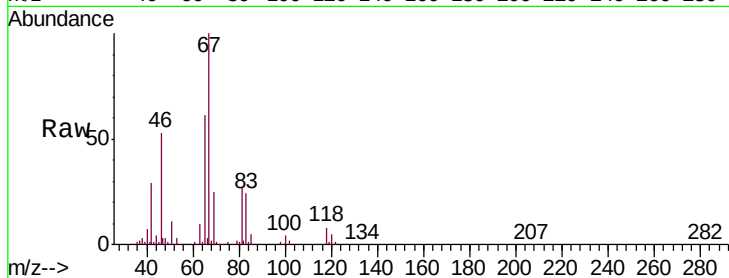
Tgt Ion: 83 Resp: 38816

Ion Ratio Lower Upper

83 100

55 0.8 64.1 96.1#

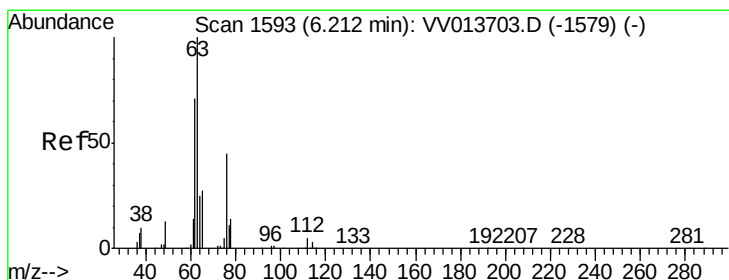
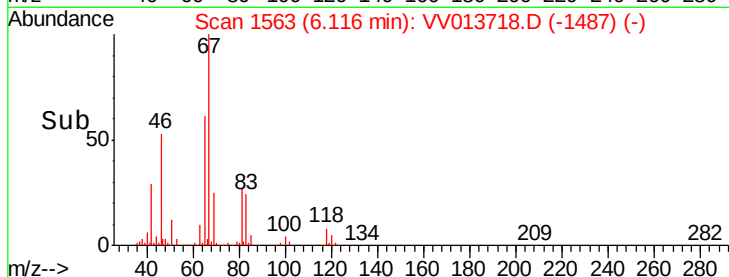
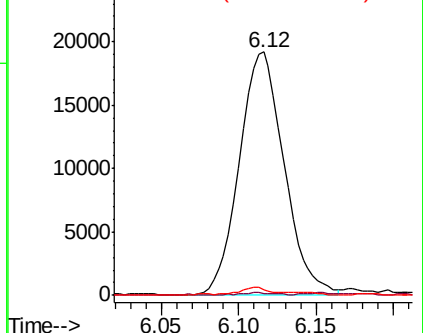
98 2.6 38.2 57.2#



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: 0.846 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.10 min

Lab File: VV013718.D

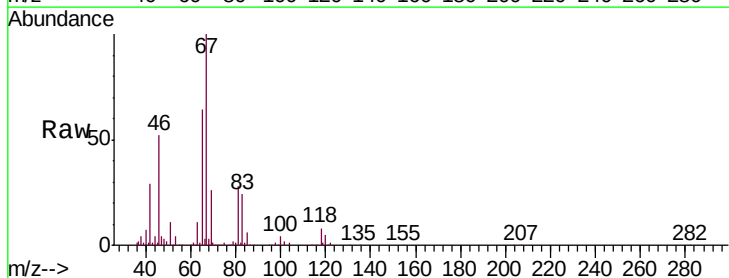
Acq: 21 Nov 2019 17:06

Tgt Ion: 63 Resp: 17568

Ion Ratio Lower Upper

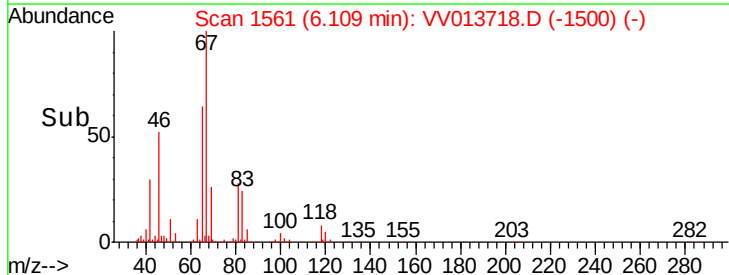
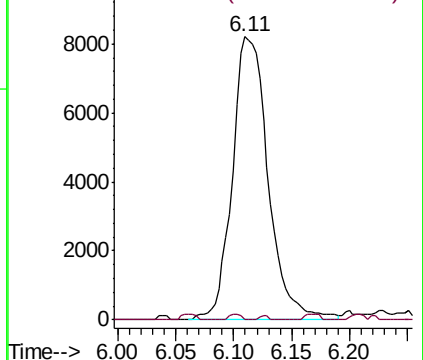
63 100

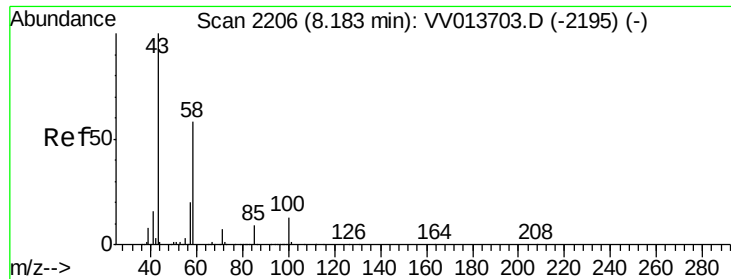
112 0.6 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.401 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013718.D

Acq: 21 Nov 2019 17:06

Instrument :

MSVOA_V

ClientSampleId :

B0AC3

Tgt Ion: 43 Resp: 12006

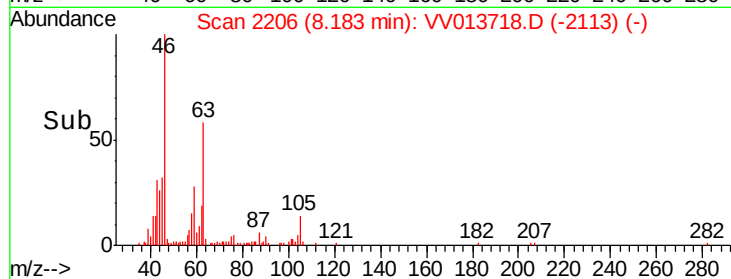
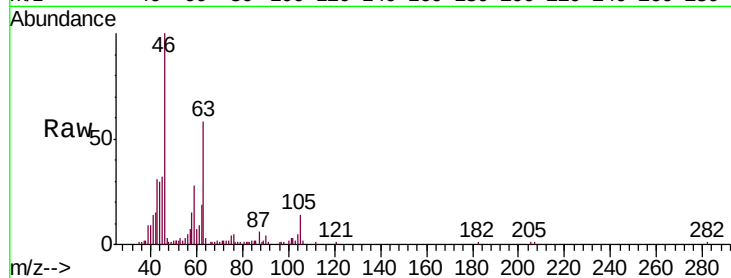
Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 0.0 15.4 23.2#

100 2.4 10.1 15.1#



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

