

Data File : VV014218.D
Acq On : 30 Dec 2019 14:41
Operator : SY/MD
Sample : VV1230WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

Quant Time: Dec 31 06:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 06:00:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	851869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	768204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	363832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	181688	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	168155	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	253668	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.95	46	511836	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.40	84	463537	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	243862	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.09	84	1033435	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	327159	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	942274	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	134329	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	570548	52.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	229654	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	319292	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2843	0.074	ug/L #	22
13) Acetone	2.22	43	15051	2.462	ug/L	87
16) Methylene chloride	2.54	84	14289	0.225	ug/L	96
25) Chloroform	4.42	83	36363	0.329	ug/L	99
35) Methylcyclohexane	6.12	83	82553	0.778	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	34549	0.599	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	5426	0.073	ug/L #	50
48) 2-Hexanone	8.18	43	16935	0.682	ug/L #	86

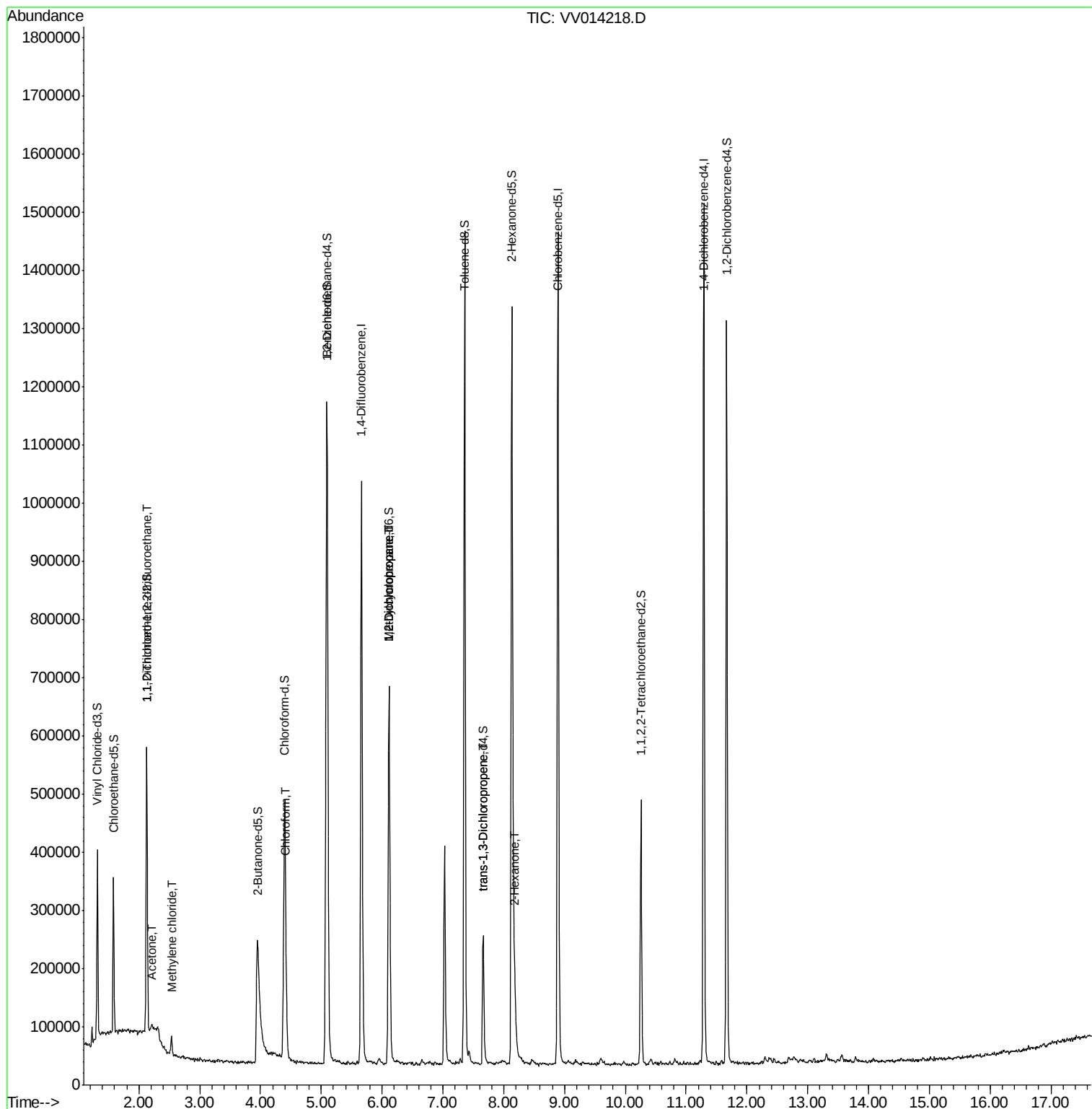
(#) = qualifier out of range (m) = manual integration (+) = signals summed

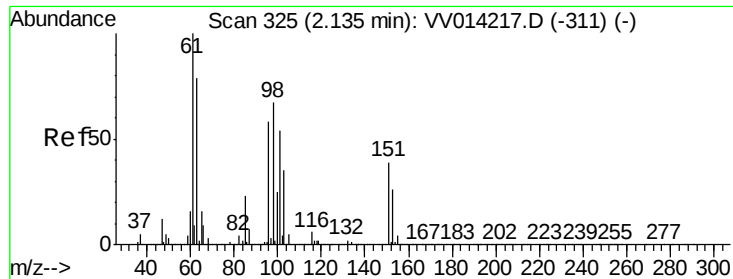
Data File : VV014218.D

```
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MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 06:00:54 2019
Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV014218.D

Acq: 30 Dec 2019 14:41

Instrument :

MSVOA_V

ClientSampleId :

VBLK42

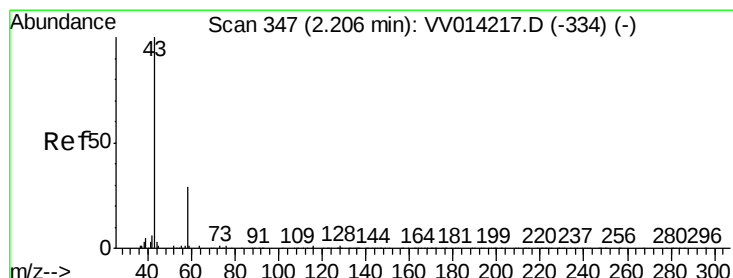
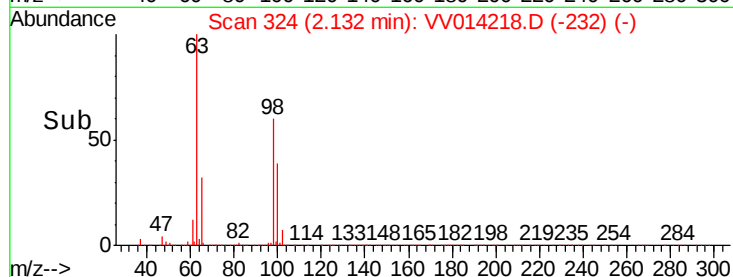
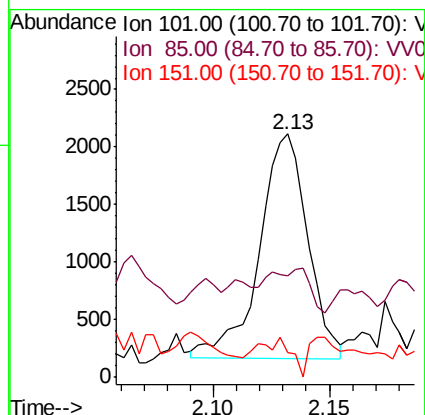
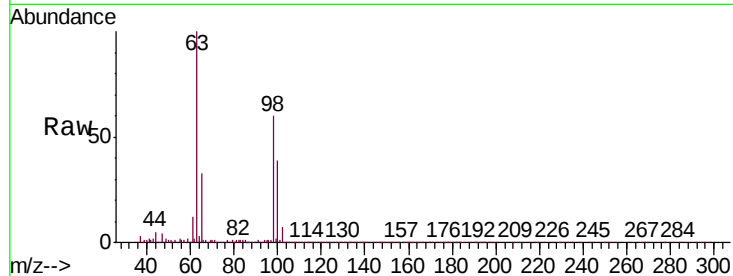
Tgt Ion:101 Resp: 2843

Ion Ratio Lower Upper

101 100

85 3.0 34.9 52.3#

151 3.0 62.5 93.7#



#13

Acetone

Concen: 2.462 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV014218.D

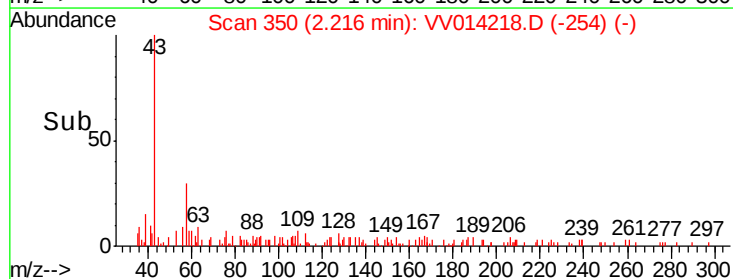
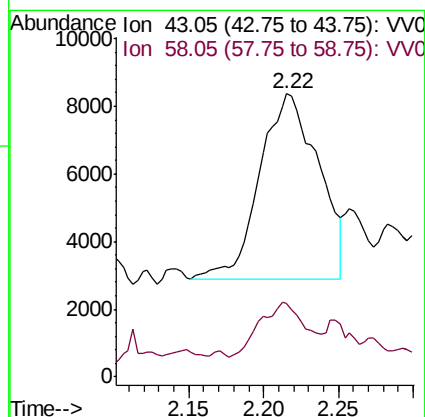
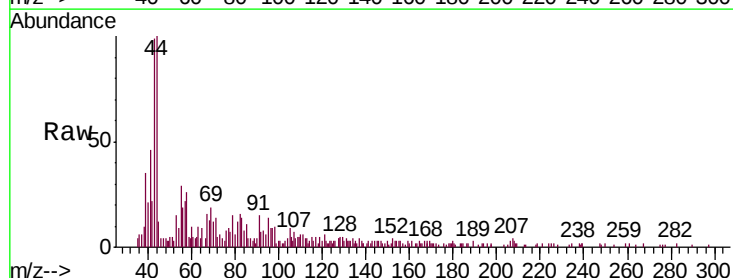
Acq: 30 Dec 2019 14:41

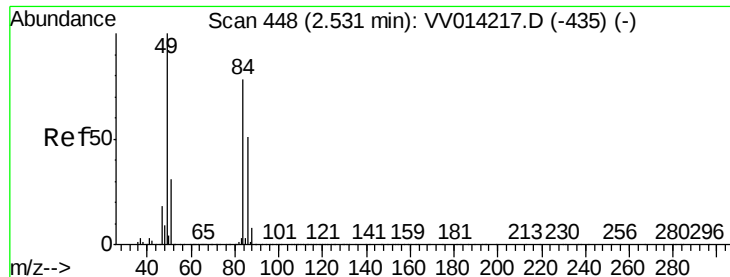
Tgt Ion: 43 Resp: 15051

Ion Ratio Lower Upper

43 100

58 25.5 0.0 66.0

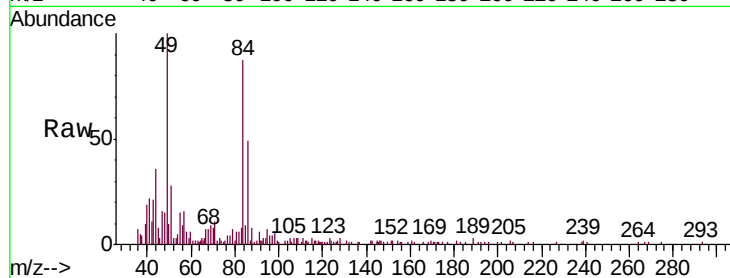




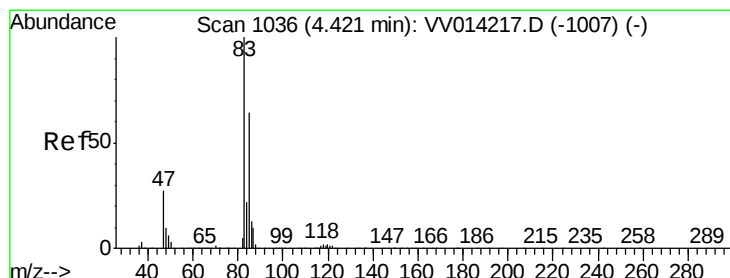
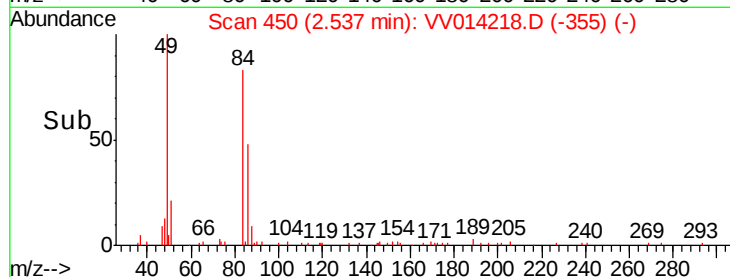
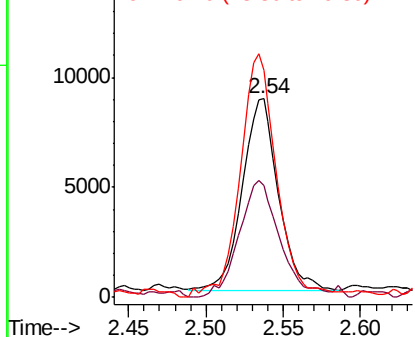
#16
Methylene chloride
Concen: 0.225 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV014218.D
Acq: 30 Dec 2019 14:41

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

Tgt Ion: 84 Resp: 14289
Ion Ratio Lower Upper
84 100
86 56.0 43.1 80.1
49 114.5 82.1 152.5

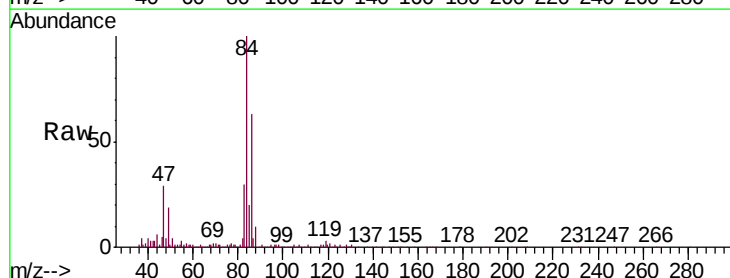


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

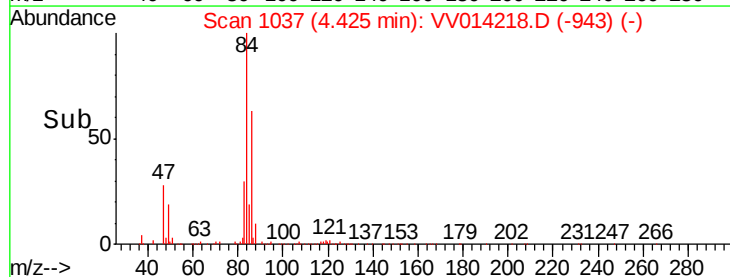
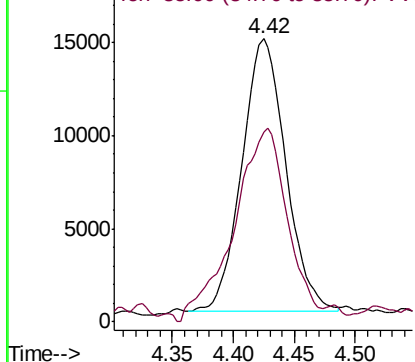


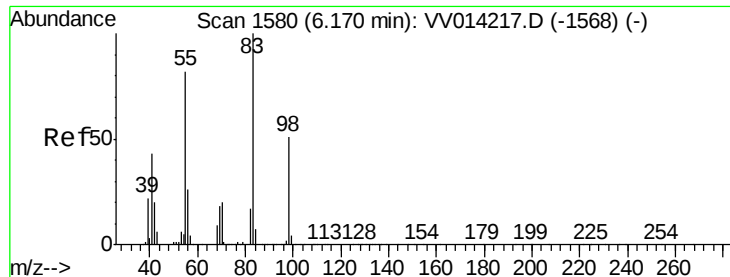
#25
Chloroform
Concen: 0.329 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014218.D
Acq: 30 Dec 2019 14:41

Tgt Ion: 83 Resp: 36363
Ion Ratio Lower Upper
83 100
85 67.0 46.2 85.8



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





#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014218.D

Acq: 30 Dec 2019 14:41

Instrument :

MSVOA_V

ClientSampled :

VBLK42

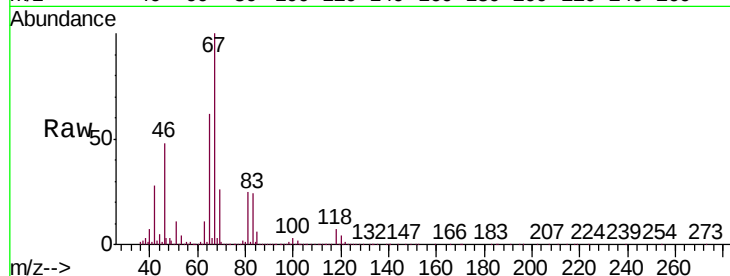
Tgt Ion: 83 Resp: 82553

Ion Ratio Lower Upper

83 100

55 1.3 61.7 92.5#

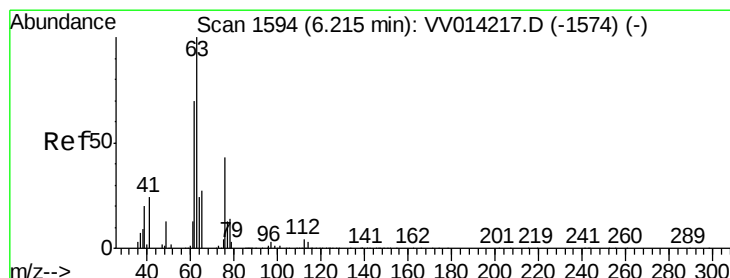
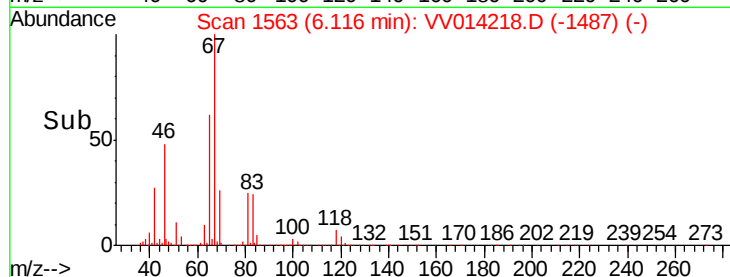
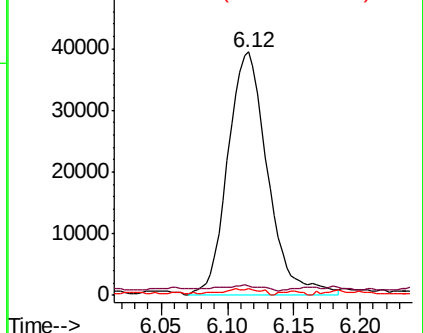
98 2.7 38.1 57.1#



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: 0.599 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014218.D

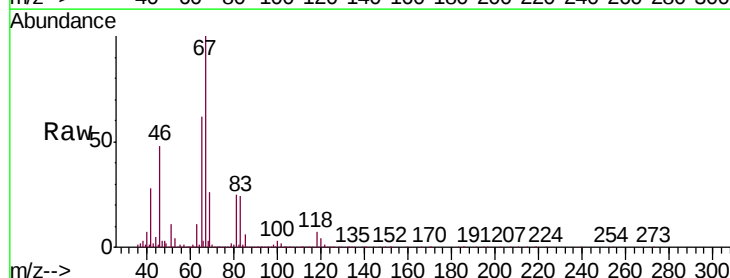
Acq: 30 Dec 2019 14:41

Tgt Ion: 63 Resp: 34549

Ion Ratio Lower Upper

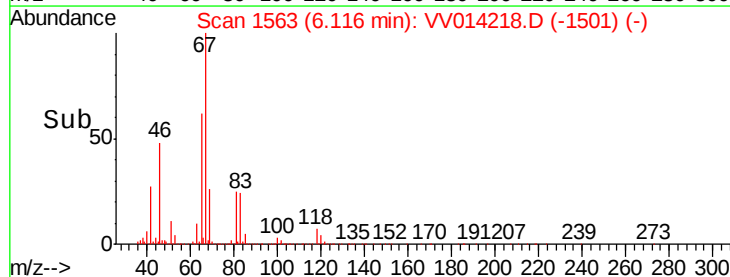
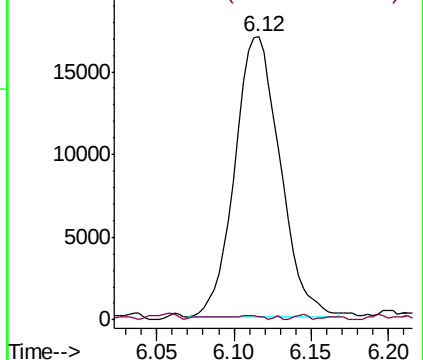
63 100

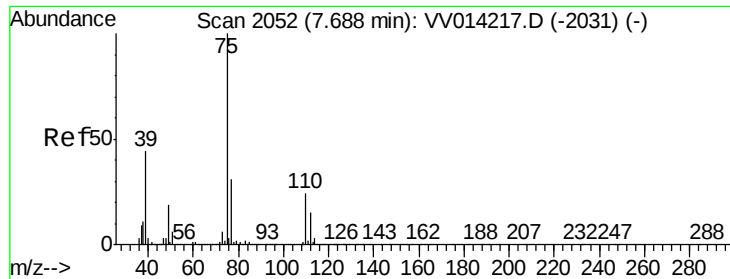
112 0.8 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014218.D

Acq: 30 Dec 2019 14:41

Instrument :

MSVOA_V

ClientSampleId :

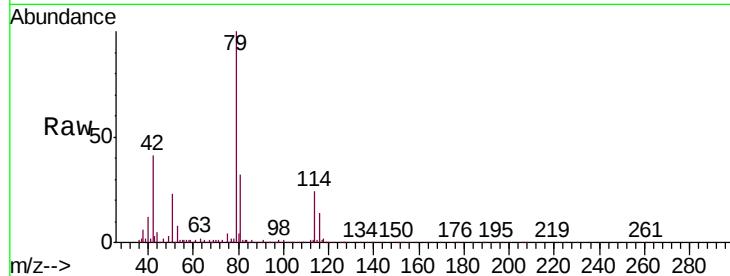
VBLK42

Tgt Ion: 75 Resp: 5426

Ion Ratio Lower Upper

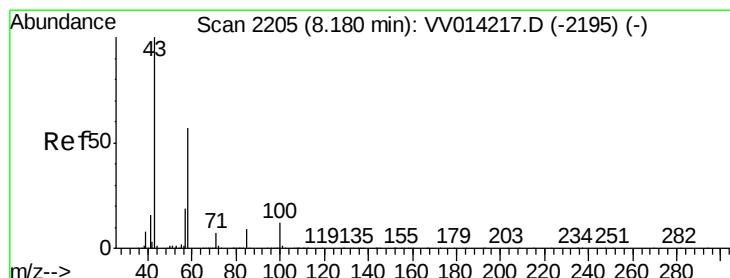
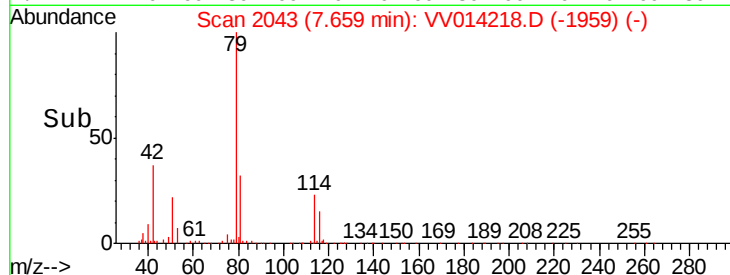
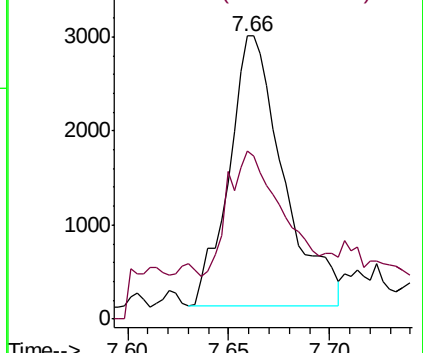
75 100

77 59.3 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.682 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014218.D

Acq: 30 Dec 2019 14:41

Tgt Ion: 43 Resp: 16935

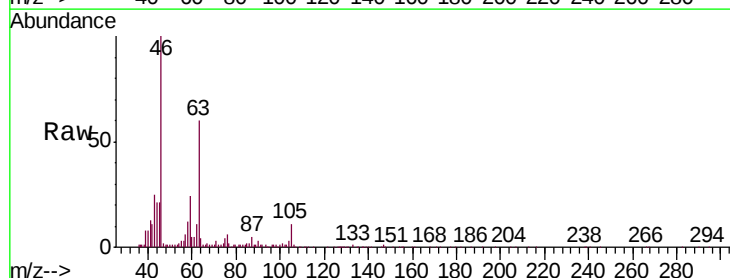
Ion Ratio Lower Upper

43 100

58 48.7 45.4 68.0

57 7.8 15.8 23.8#

100 16.9 10.2 15.4#



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

