

Data File : VV014235.D
Acq On : 31 Dec 2019 13:52
Operator : SY/MD
Sample : K6459-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BQ2

Quant Time: Jan 01 03:06:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	862671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	800594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	366889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197003	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	189821	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	272204	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.92	46	604925	60.27	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.54%
24) Chloroform-d	4.40	84	479436	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	250271	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	1047156	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.11	67	333150	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	960651	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	135847	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.13	63	556511	49.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	232303	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	320144	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

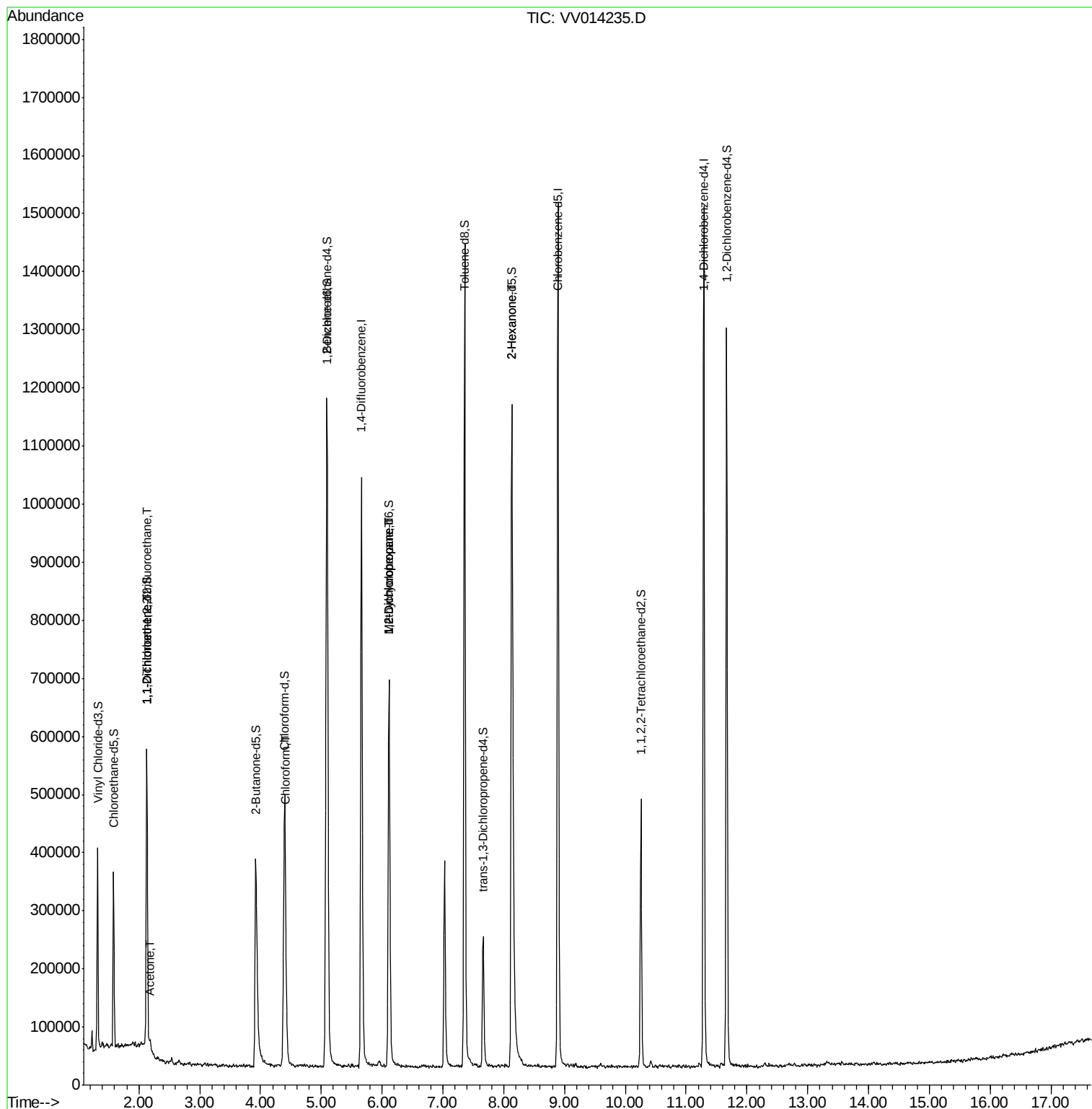
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3340	0.086 ug/L #	35
12) 1,1-Dichloroethene	2.13	96	2841	0.075 ug/L #	1
13) Acetone	2.19	43	7794	1.259 ug/L	87
25) Chloroform	4.42	83	42468	0.379 ug/L	96
35) Methylcyclohexane	6.12	83	81365	0.736 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	35921	0.597 ug/L #	87
48) 2-Hexanone	8.13	43	77546	2.997 ug/L #	66

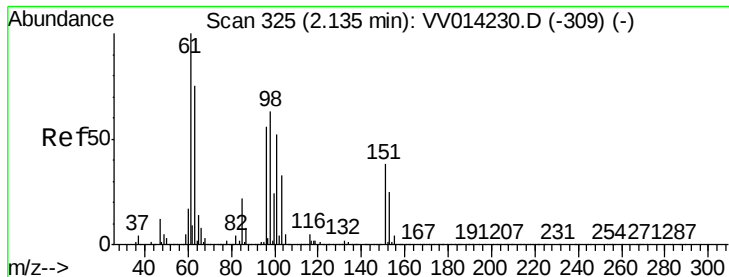
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV014235.D

Acq: 31 Dec 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

H0BQ2

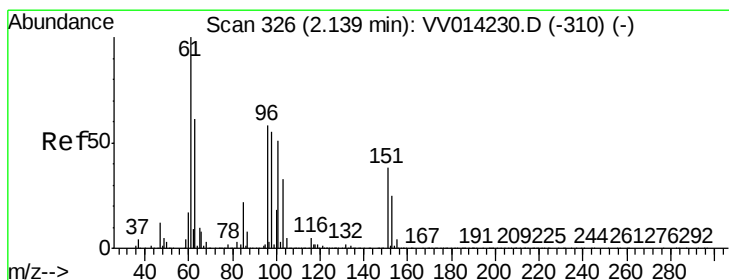
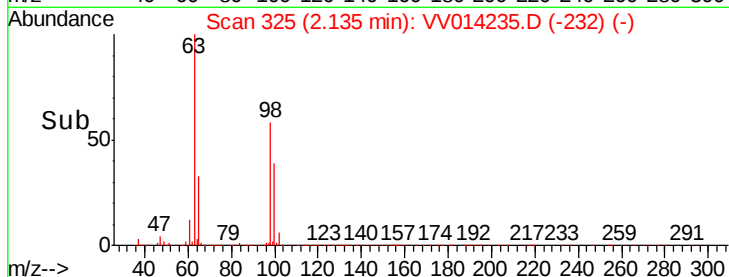
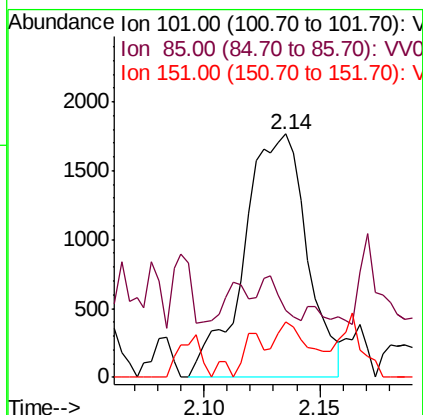
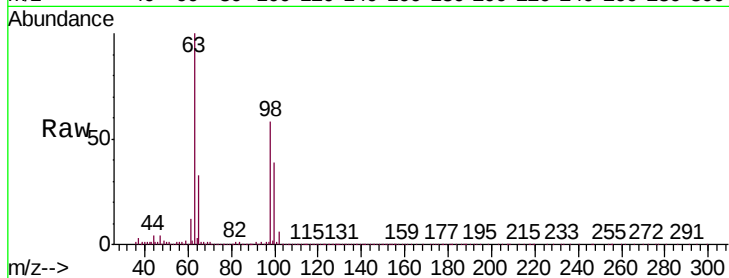
Tgt Ion: 101 Resp: 3340

Ion Ratio Lower Upper

101 100

85 13.2 34.9 52.3#

151 12.5 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014235.D

Acq: 31 Dec 2019 13:52

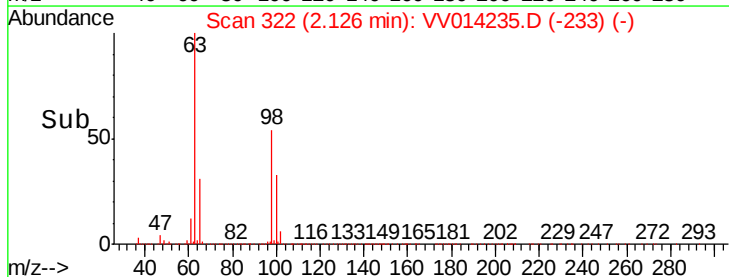
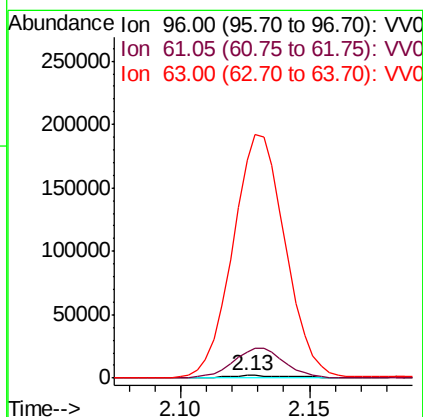
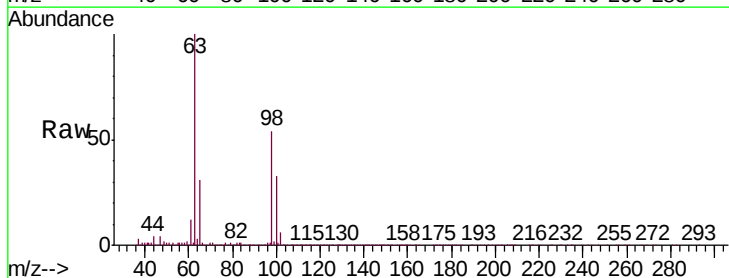
Tgt Ion: 96 Resp: 2841

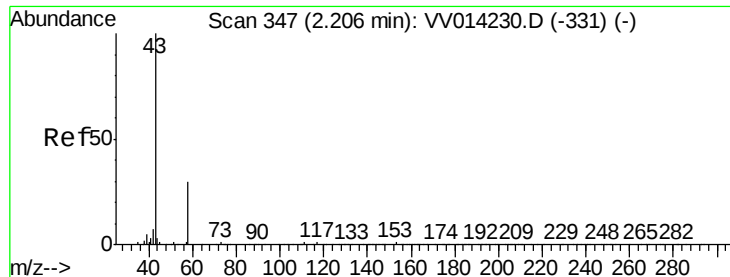
Ion Ratio Lower Upper

96 100

61 999.0 121.5 225.7#

63 8347.4 90.3 167.7#





#13

Acetone

Concen: 1.259 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

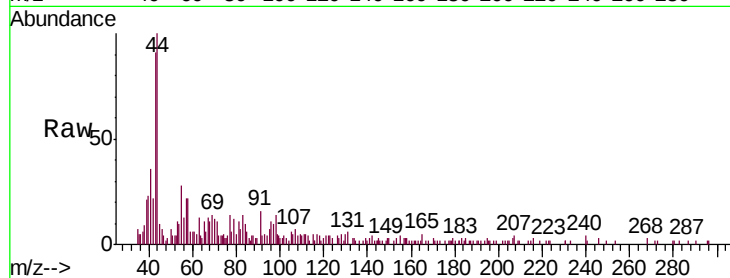
H0BQ2

Tgt Ion: 43 Resp: 7794

Ion Ratio Lower Upper

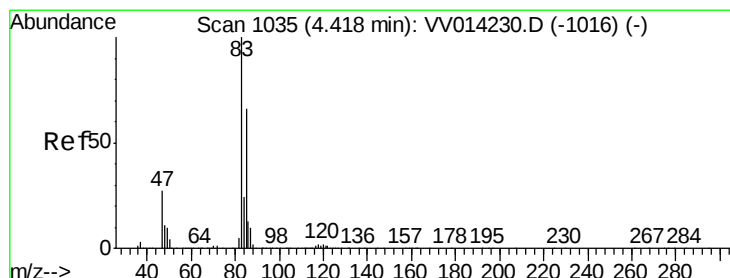
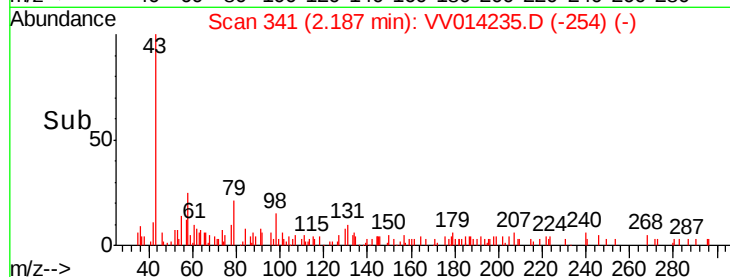
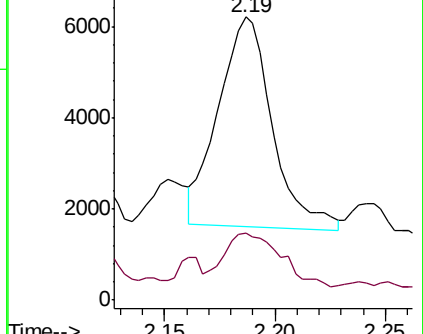
43 100

58 25.8 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.379 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV014235.D

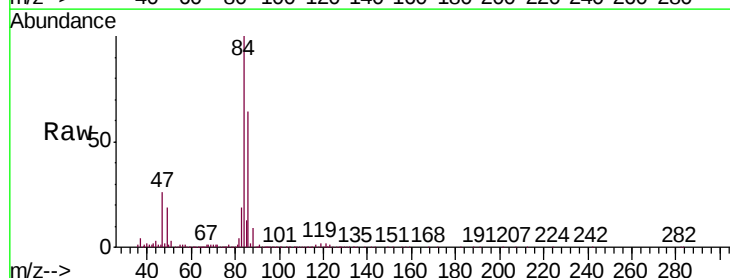
Acq: 31 Dec 2019 13:52

Tgt Ion: 83 Resp: 42468

Ion Ratio Lower Upper

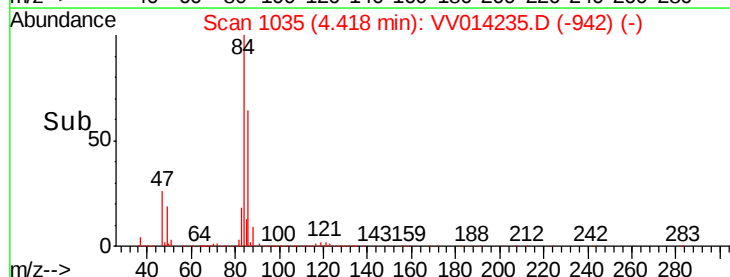
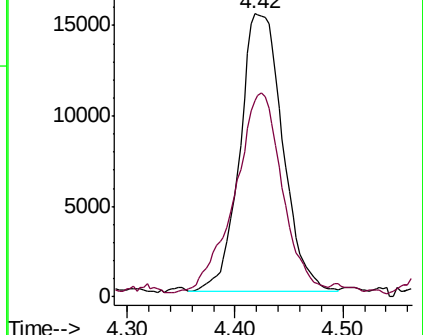
83 100

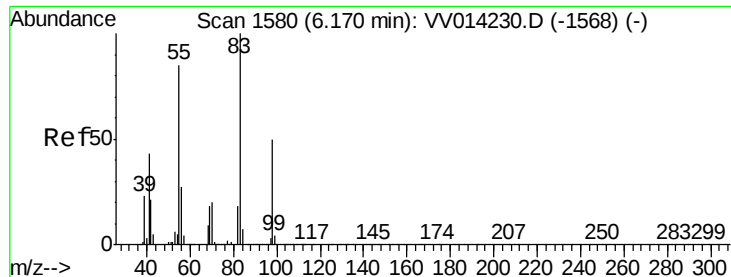
85 69.4 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014235.D

Acq: 31 Dec 2019 13:52

Instrument :

MSVOA_V

ClientSampled :

H0BQ2

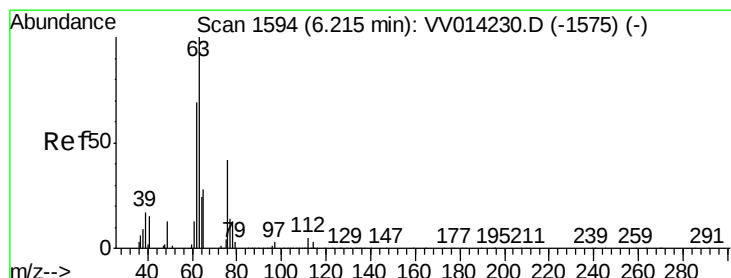
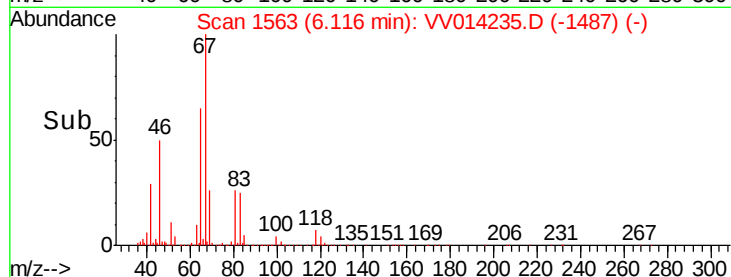
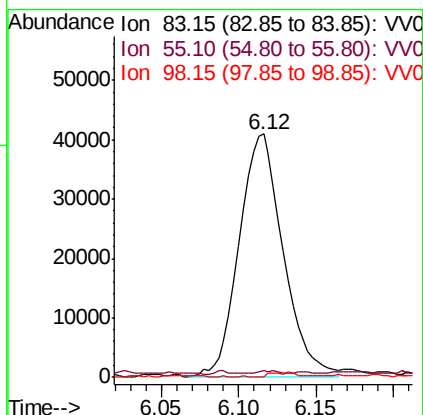
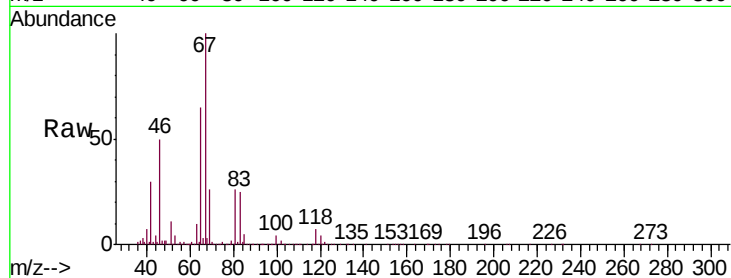
Tgt Ion: 83 Resp: 81365

Ion Ratio Lower Upper

83 100

55 0.5 61.7 92.5#

98 0.6 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014235.D

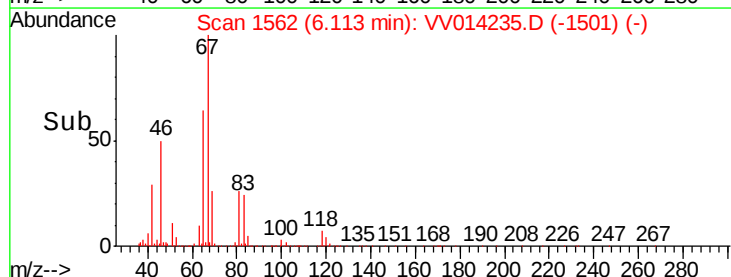
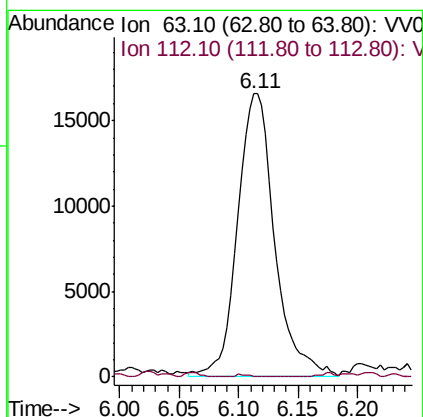
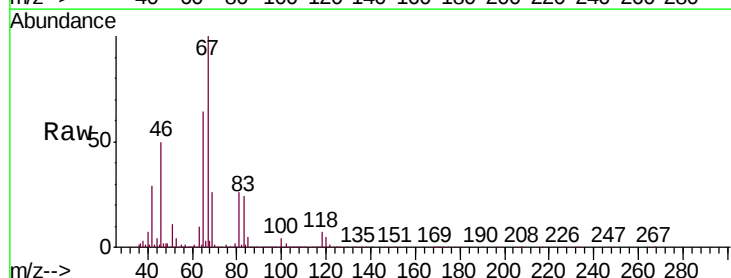
Acq: 31 Dec 2019 13:52

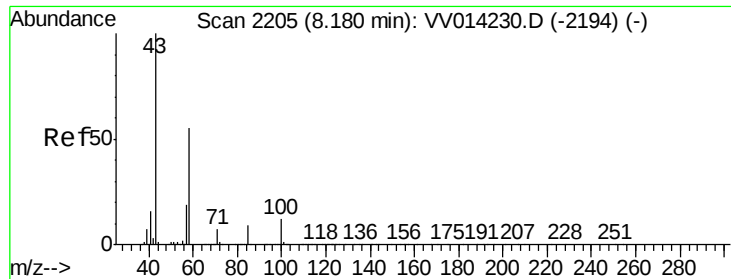
Tgt Ion: 63 Resp: 35921

Ion Ratio Lower Upper

63 100

112 0.3 3.7 5.5#





#48

2-Hexanone

Concen: 2.997 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014235.D

Acq: 31 Dec 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
H0BQ2

Tgt Ion: 43 Resp: 77546

Ion Ratio Lower Upper

43 100

58 24.7 45.4 68.0#

57 16.9 15.8 23.8

100 0.4 10.2 15.4#

