

Data File : VV014239.D
Acq On : 31 Dec 2019 15:28
Operator : SY/MD
Sample : K6459-17RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BP4

Quant Time: Jan 01 03:07:04 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	761098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	697638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	312775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177653	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	167449	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	245600	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.93	46	633302	71.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.04%#
24) Chloroform-d	4.40	84	408395	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	241262	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	966549	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.11	67	311840	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	877638	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.66	79	130202	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.13	63	549942	56.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	215729	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	293627	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

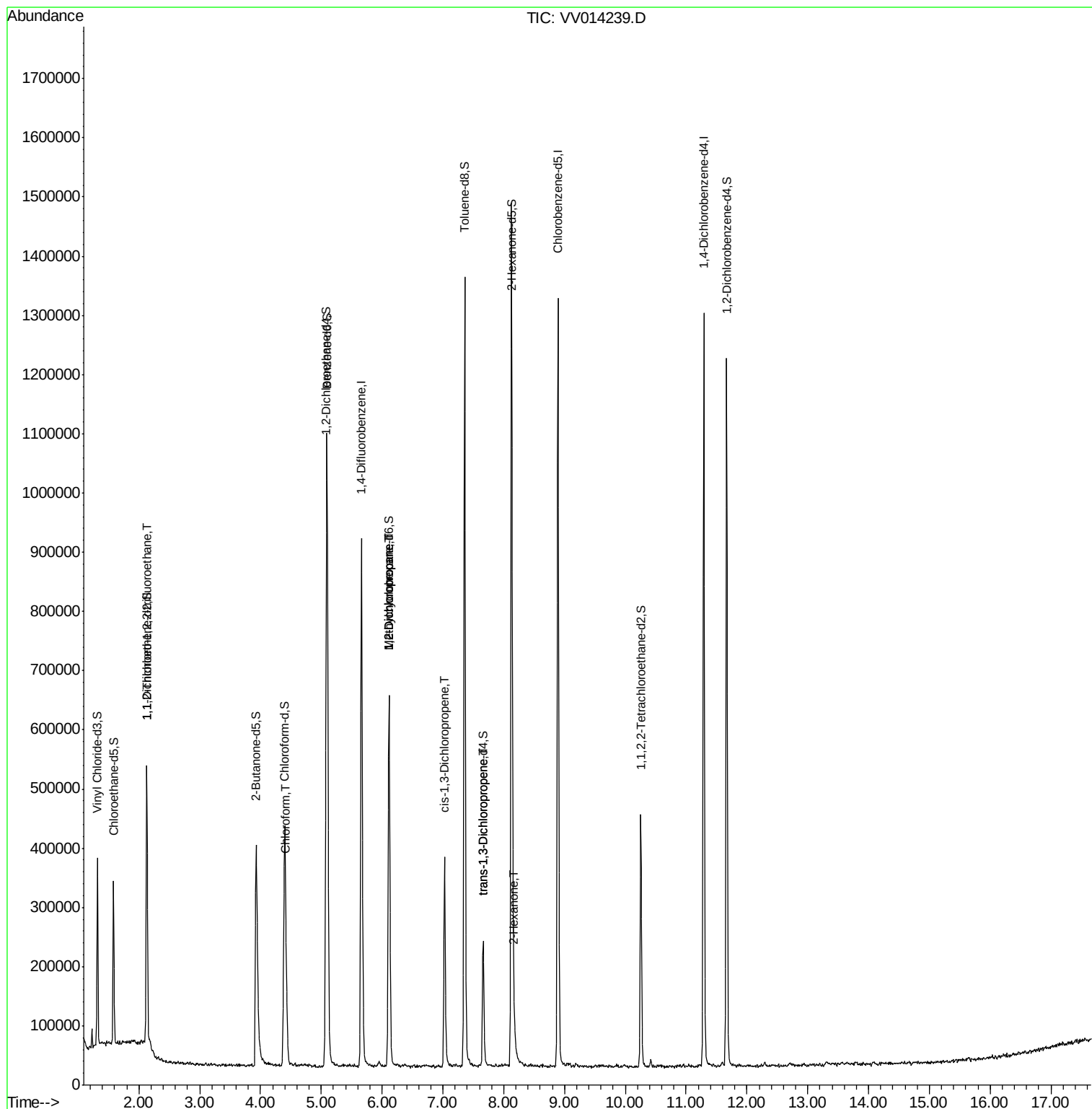
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2795	0.081	ug/L #	27
25) Chloroform	4.42	83	76285	0.773	ug/L	96
35) Methylcyclohexane	6.11	83	70958	0.737	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	34126	0.651	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	8976	0.105	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	4636	0.069	ug/L #	73
48) 2-Hexanone	8.18	43	12433	0.551	ug/L #	93

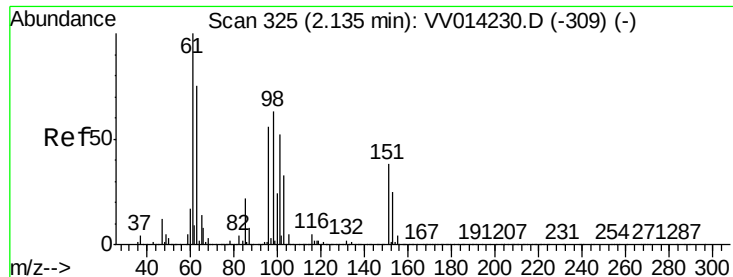
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 31 Dec 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

H0BP4

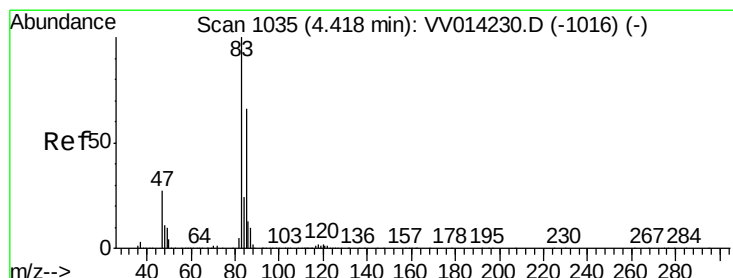
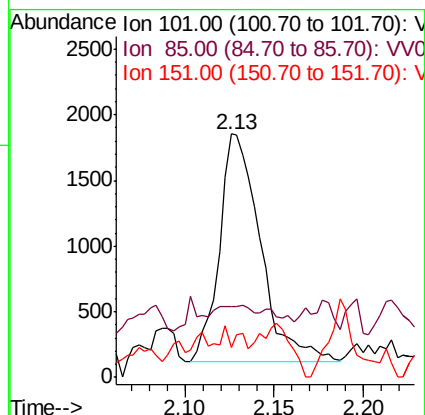
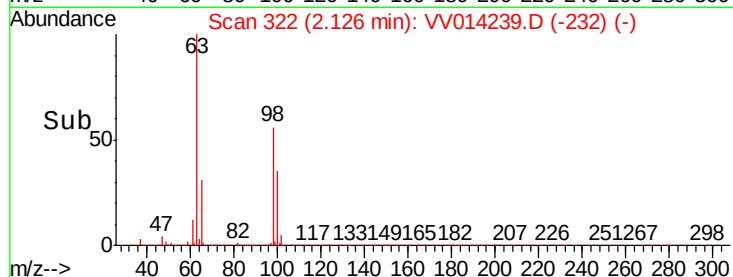
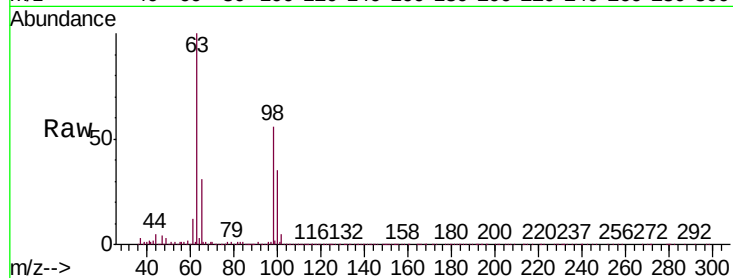
Tgt Ion: 101 Resp: 2795

Ion Ratio Lower Upper

101 100

85 2.4 34.9 52.3#

151 10.3 62.5 93.7#



#25

Chloroform

Concen: 0.773 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014239.D

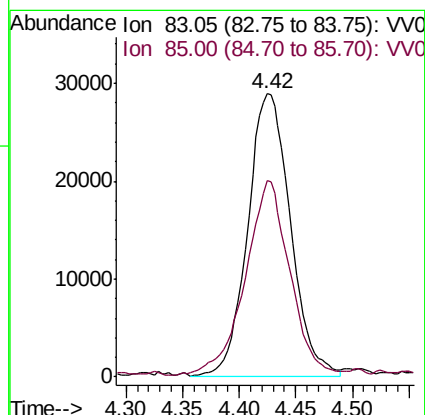
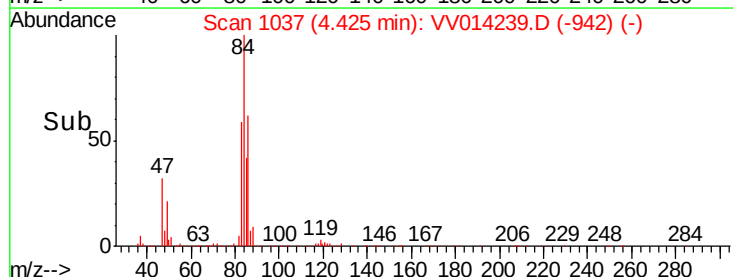
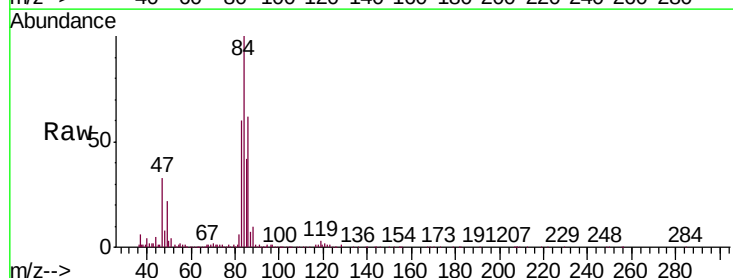
Acq: 31 Dec 2019 15:28

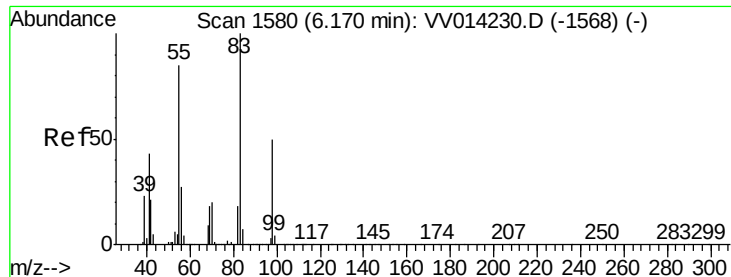
Tgt Ion: 83 Resp: 76285

Ion Ratio Lower Upper

83 100

85 69.2 46.2 85.8





#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014239.D

Acq: 31 Dec 2019 15:28

Instrument :

MSVOA_V

ClientSampled :

H0BP4

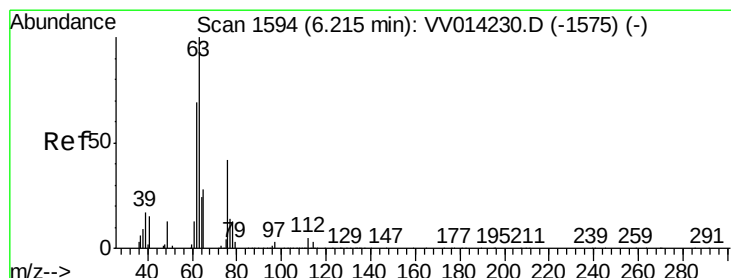
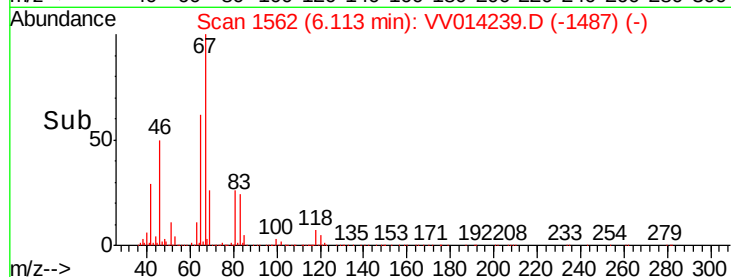
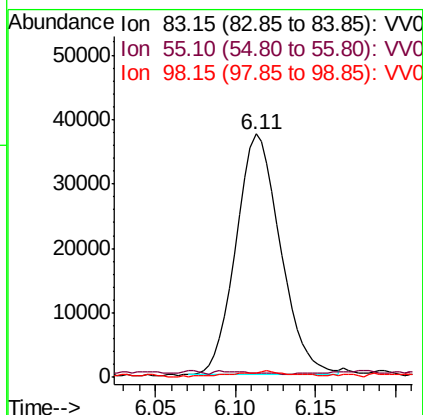
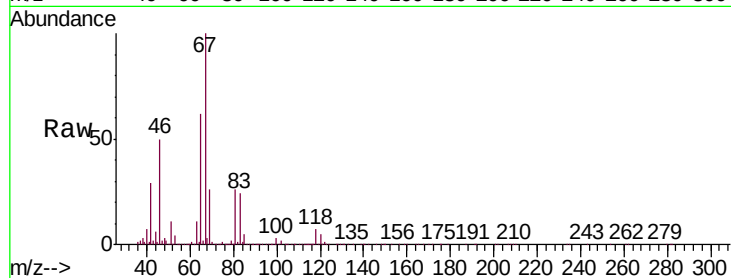
Tgt Ion: 83 Resp: 70958

Ion Ratio Lower Upper

83 100

55 0.2 61.7 92.5#

98 3.2 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014239.D

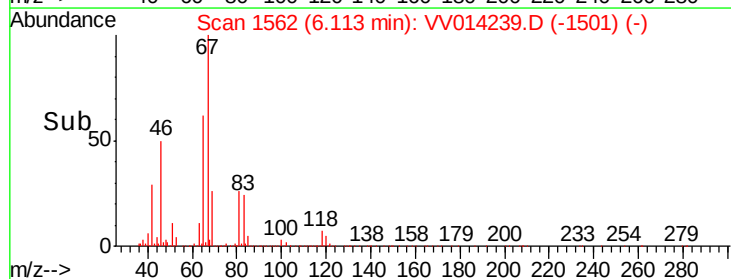
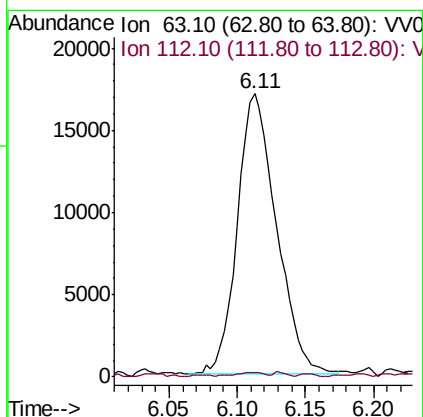
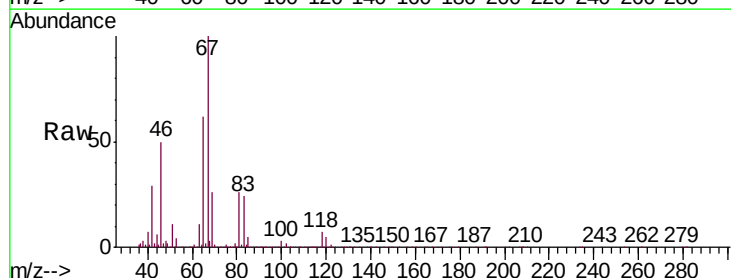
Acq: 31 Dec 2019 15:28

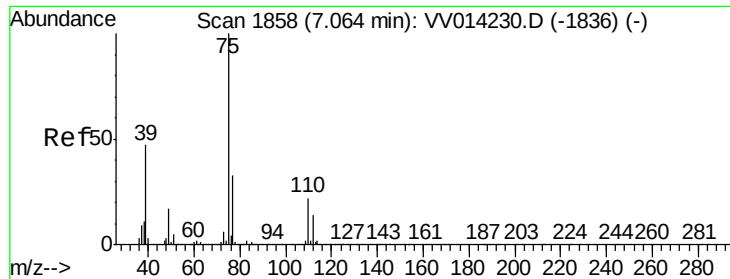
Tgt Ion: 63 Resp: 34126

Ion Ratio Lower Upper

63 100

112 1.3 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014239.D

Acq: 31 Dec 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

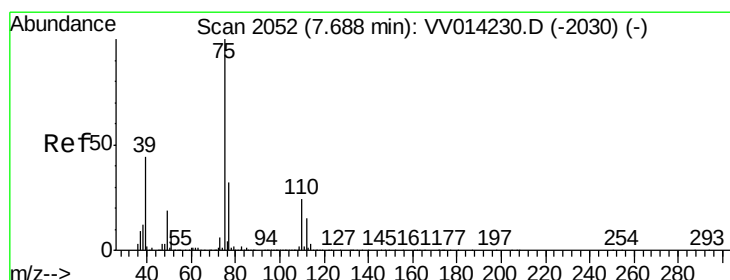
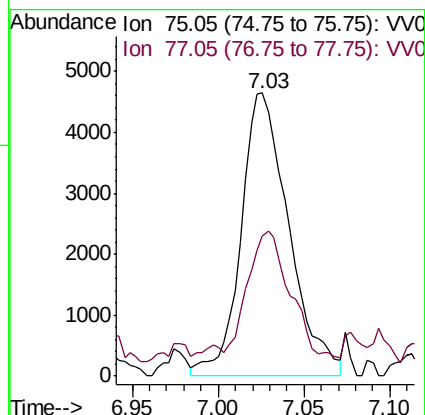
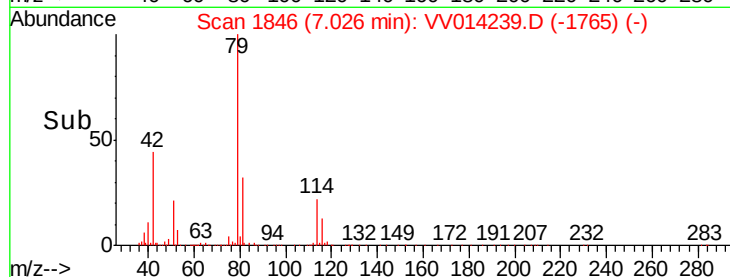
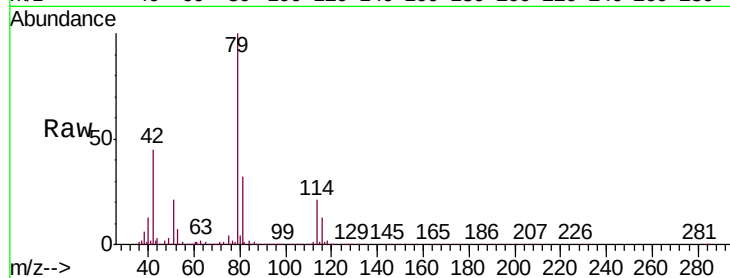
H0BP4

Tgt Ion: 75 Resp: 8976

Ion Ratio Lower Upper

75 100

77 49.4 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV014239.D

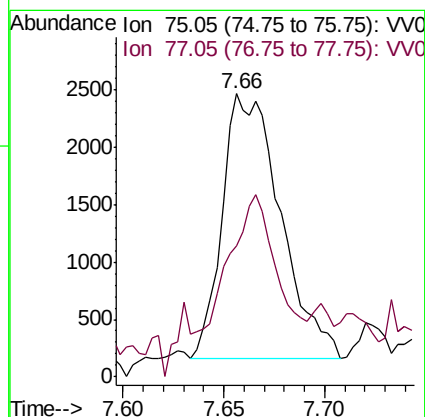
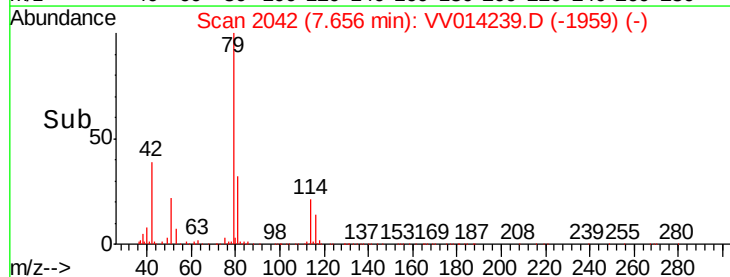
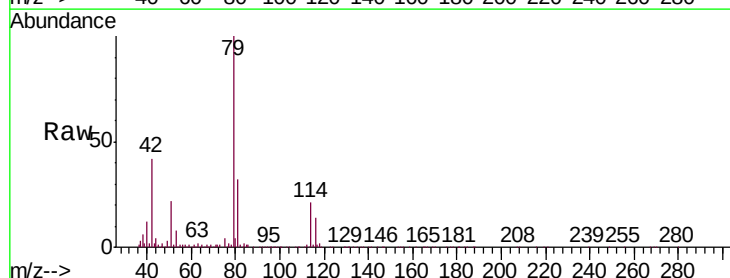
Acq: 31 Dec 2019 15:28

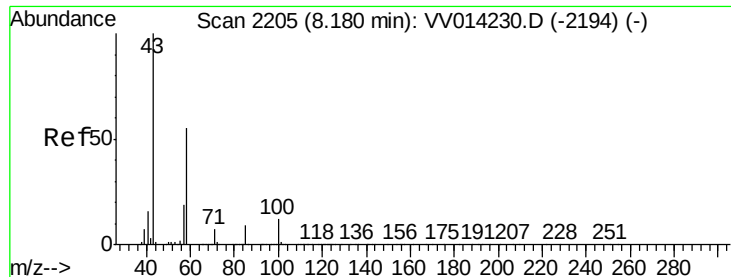
Tgt Ion: 75 Resp: 4636

Ion Ratio Lower Upper

75 100

77 46.3 22.0 41.0#





#48

2-Hexanone

Concen: 0.551 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VV014239.D

Acq: 31 Dec 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :
H0BP4

Tgt Ion: 43 Resp: 12433

Ion Ratio Lower Upper

43 100

58 59.5 45.4 68.0

57 14.9 15.8 23.8#

100 6.7 10.2 15.4#

