

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011620\
 Data File : VV014322.D
 Acq On : 16 Jan 2020 16:15
 Operator : SY/MD
 Sample : L1156-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 05:34:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 05:31:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	865517	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	780770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	365131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	217527	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.59	69	192591	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	277396	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.95	46	508863	34.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.96%
24) Chloroform-d	4.40	84	474666	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.08	65	241613	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.09	84	1018992	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.11	67	322926	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.35	98	909432	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	125490	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.13	63	533040	39.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210980	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	292790	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

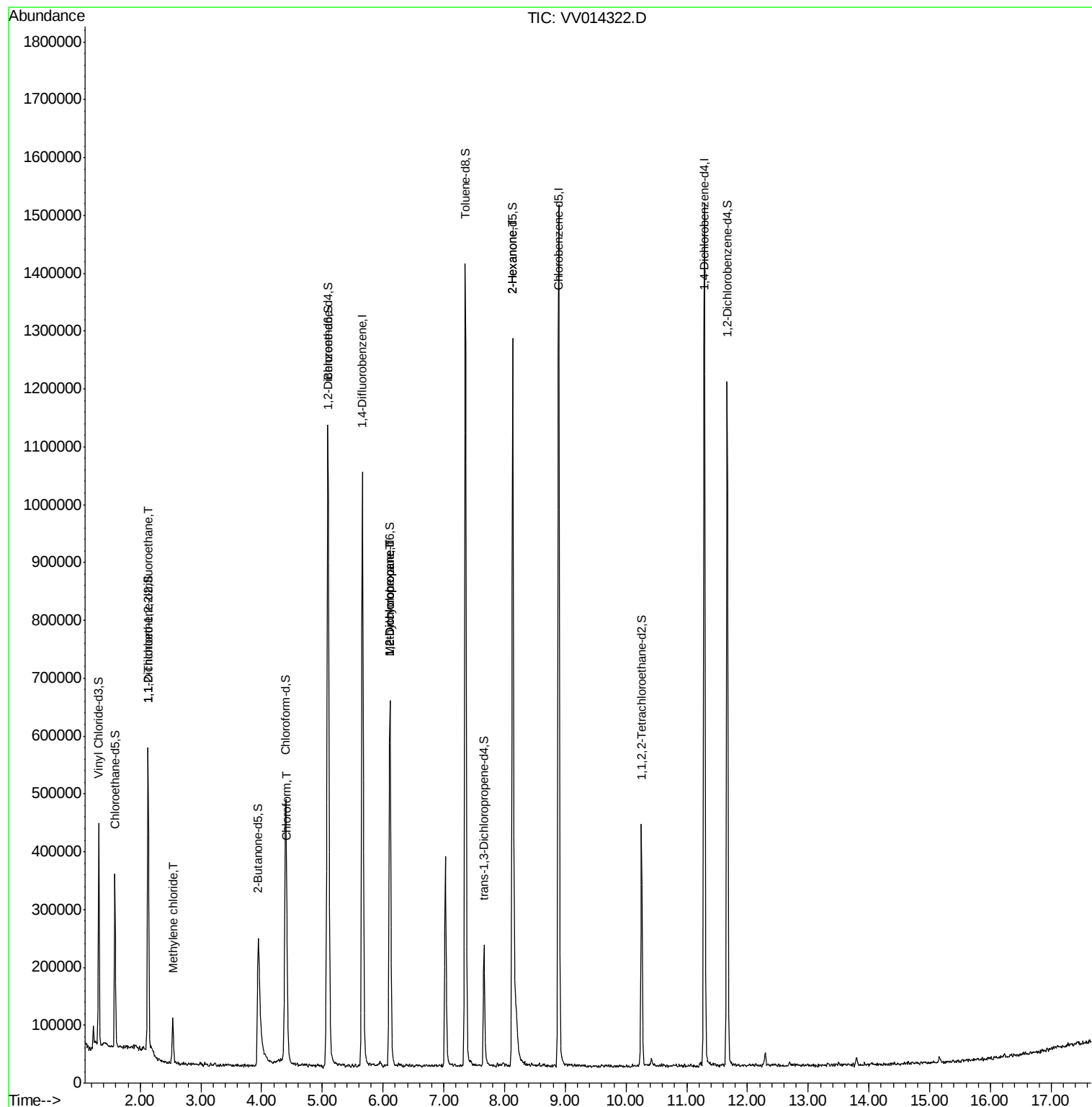
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3024	0.078 ug/L #	29
16) Methylene chloride	2.54	84	33532	0.533 ug/L	92
25) Chloroform	4.42	83	28598	0.262 ug/L	88
35) Methylcyclohexane	6.11	83	71646	0.709 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	33720	0.556 ug/L #	86
48) 2-Hexanone	8.13	43	57584	2.176 ug/L #	76

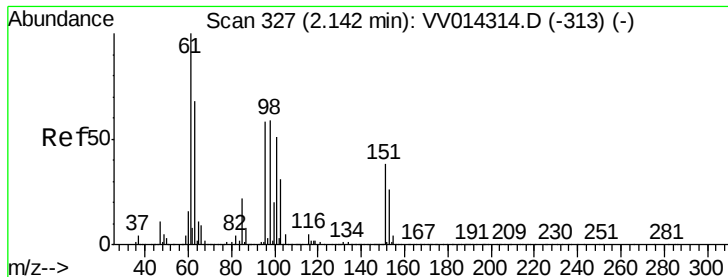
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014322.D

Acq: 16 Jan 2020 16:15

Instrument :

MSVOA_V

ClientSampled :

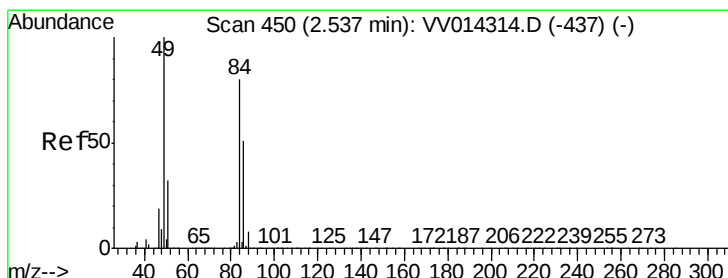
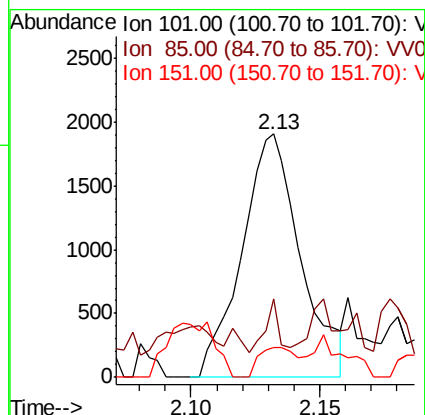
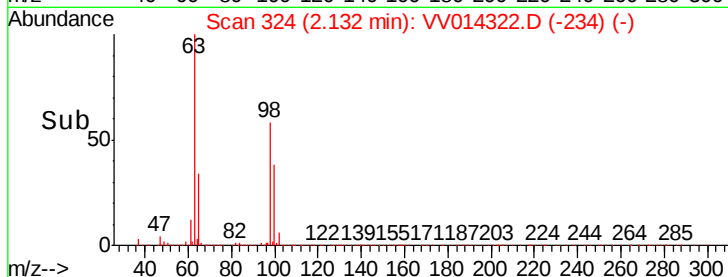
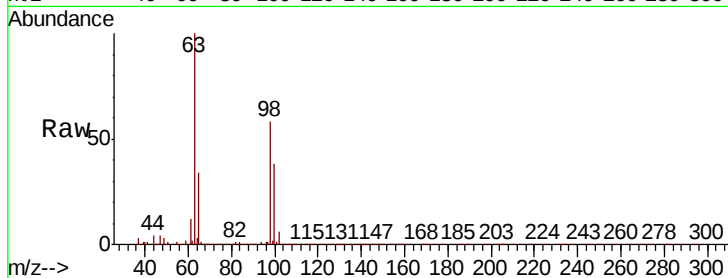
Tot Ion:101 Resp: 3024

Ion Ratio Lower Upper

101 100

85 8.7 34.9 52.3#

151 7.7 62.5 93.7#



#16

Methylene chloride

Concen: 0.533 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014322.D

Acq: 16 Jan 2020 16:15

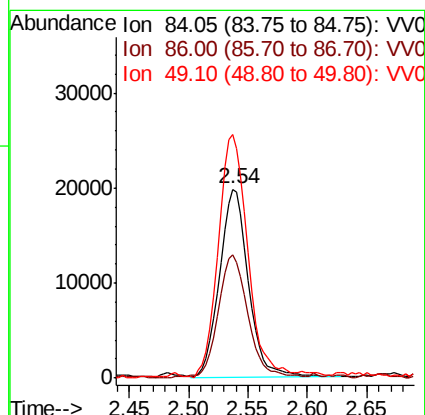
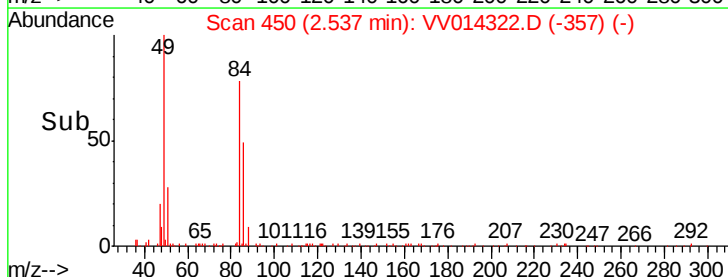
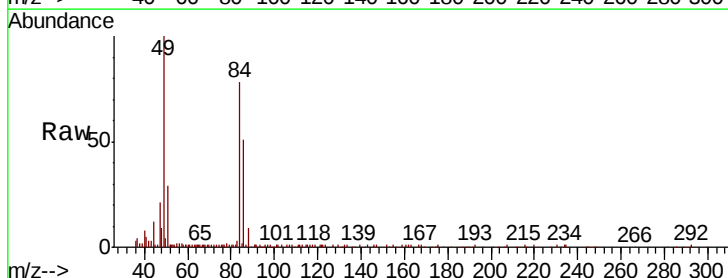
Tgt Ion: 84 Resp: 33532

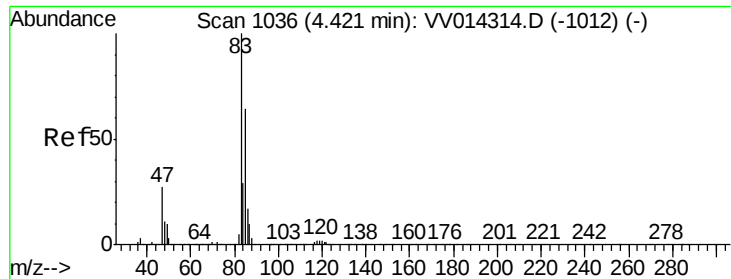
Ion Ratio Lower Upper

84 100

86 65.1 43.1 80.1

49 128.8 82.1 152.5

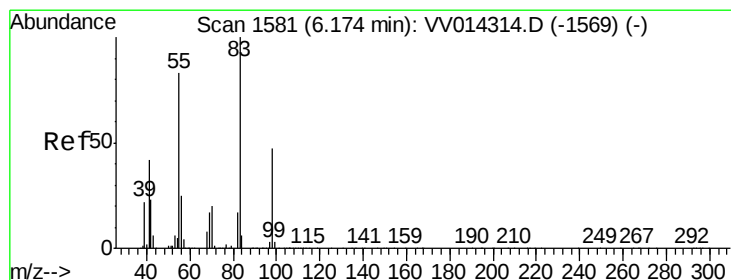
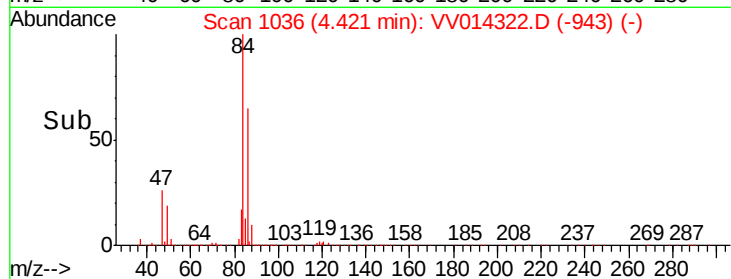
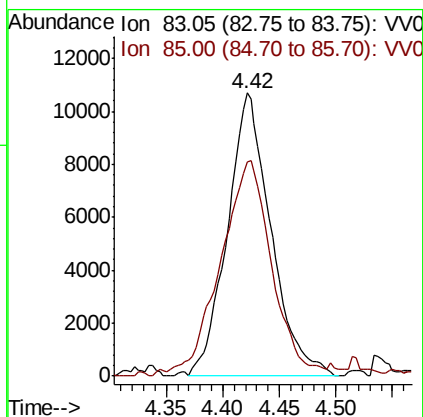
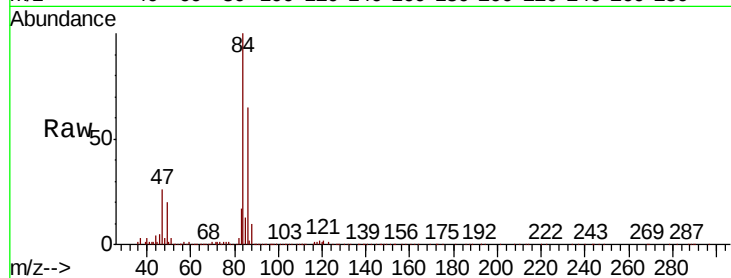




#25
Chloroform
Concen: 0.262 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014322.D
Acq: 16 Jan 2020 16:15

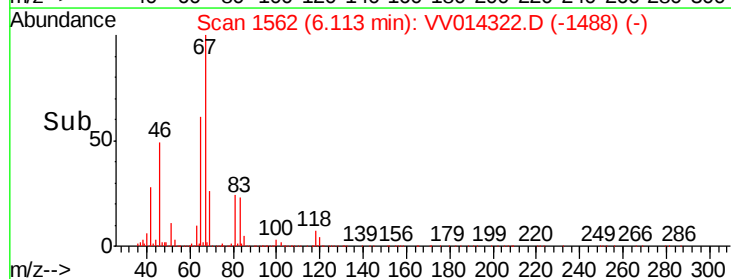
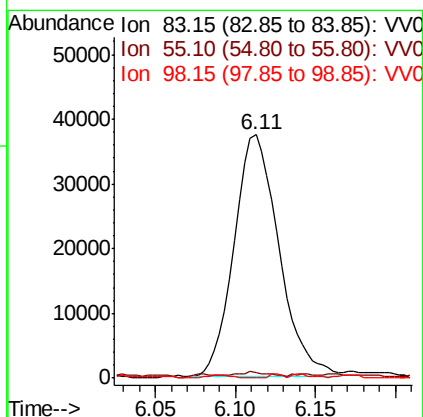
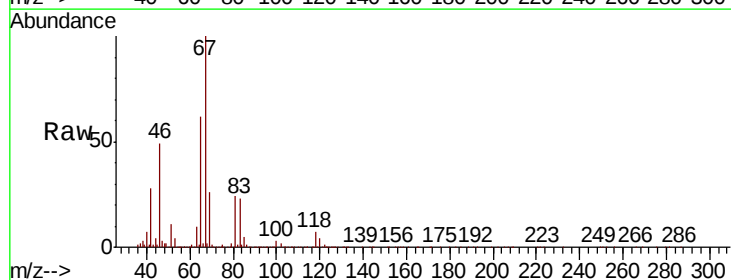
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MSVOA_V
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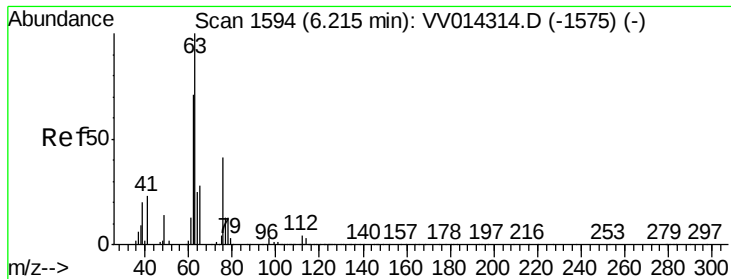
Tot Ion: 83 Resp: 28598
Ion Ratio Lower Upper
83 100
85 75.5 46.2 85.8



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014322.D
Acq: 16 Jan 2020 16:15

Tgt Ion: 83 Resp: 71646
Ion Ratio Lower Upper
83 100
55 0.9 61.7 92.5#
98 0.6 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014322.D

Acq: 16 Jan 2020 16:15

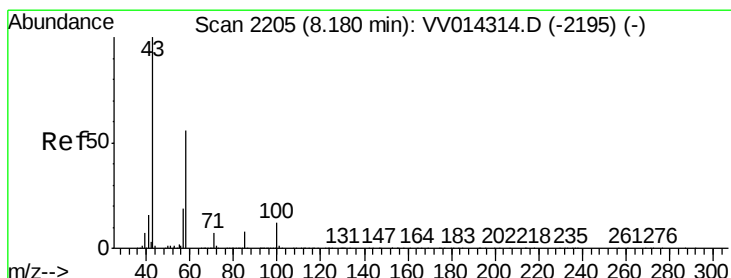
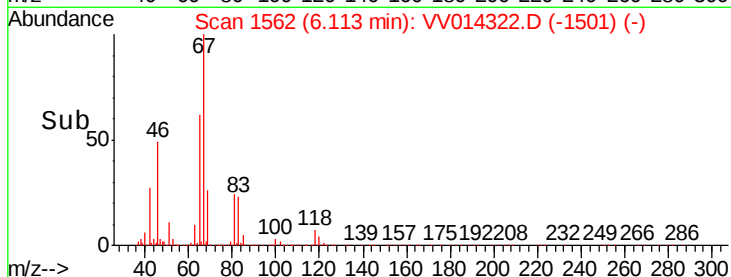
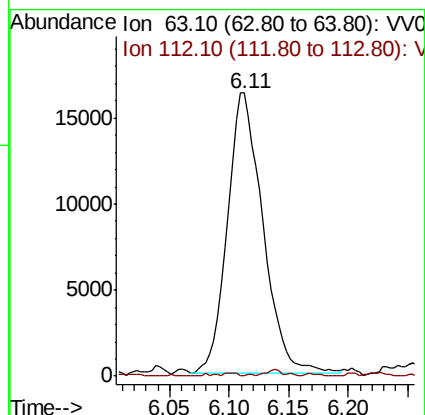
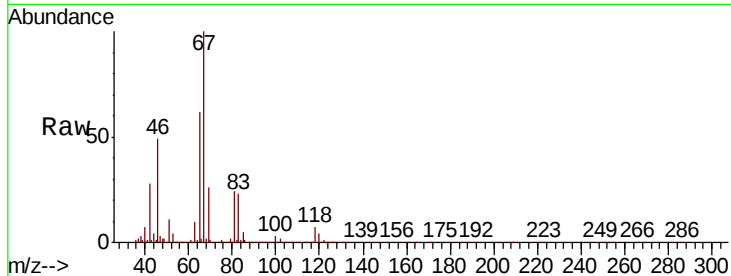
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 33720

Ion Ratio Lower Upper

63 100

112 0.1 3.7 5.5#



#48

2-Hexanone

Concen: 2.176 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014322.D

Acq: 16 Jan 2020 16:15

Tgt Ion: 43 Resp: 57584

Ion Ratio Lower Upper

43 100

58 35.2 45.4 68.0#

57 22.4 15.8 23.8

100 0.4 10.2 15.4#

