

Data File : VV014388.D
Acq On : 24 Jan 2020 14:24
Operator : SY/MD
Sample : L1253-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC6

Quant Time: Jan 25 00:22:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	866419	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	805923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	364553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246268	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.59	69	211919	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	255804	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.93	46	827560	56.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.66%
24) Chloroform-d	4.40	84	561967	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	269351	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.10	84	1056290	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	363378	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	844807	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	138973	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	751953	53.84	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	276621	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	325848	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

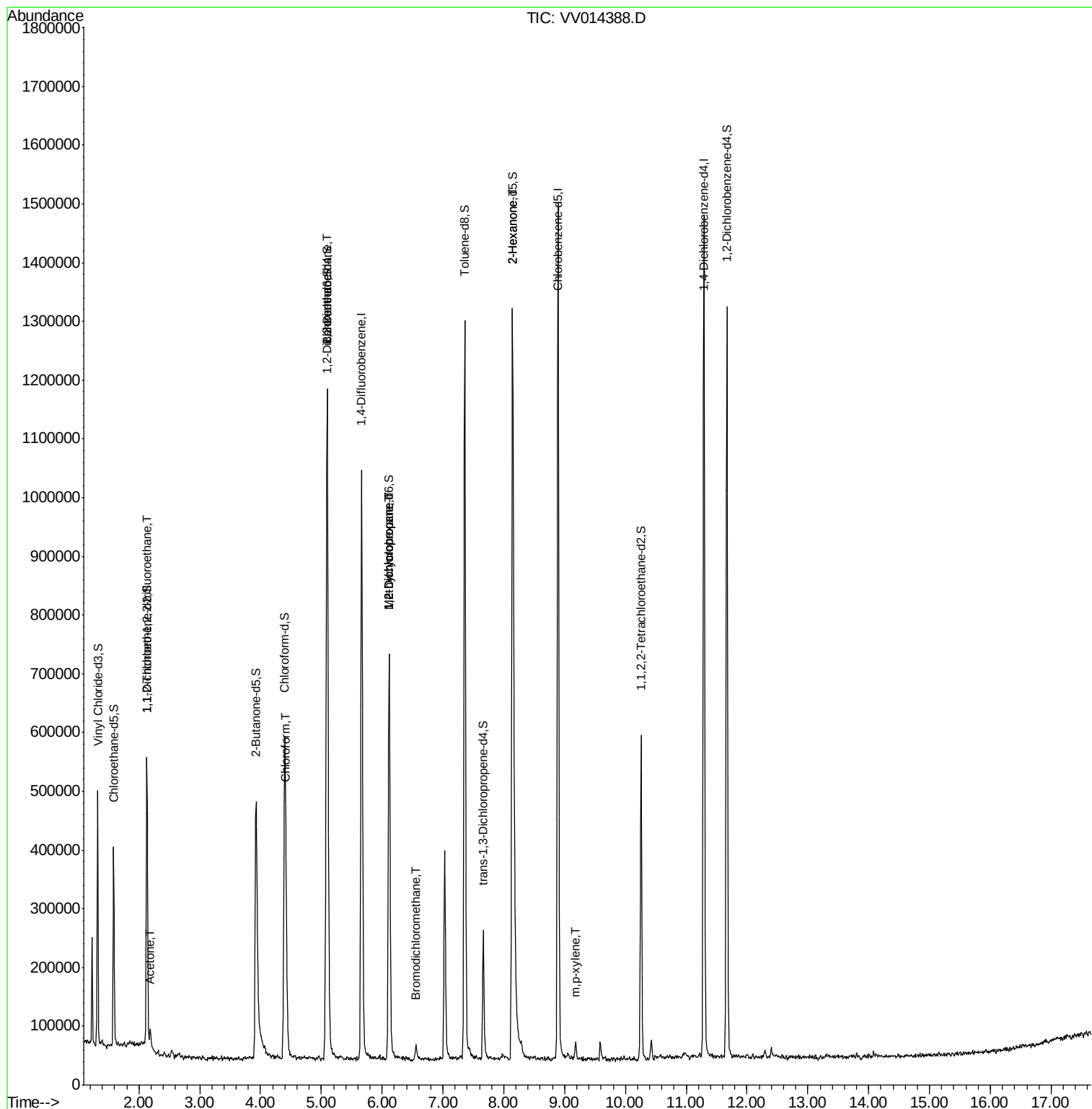
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2736	0.071	ug/L #	36
13) Acetone	2.19	43	30417	3.033	ug/L	96
25) Chloroform	4.42	83	91582	0.839	ug/L	95
27) 1,2-Dichloroethane	5.09	62	6344	0.097	ug/L	96
35) Methylcyclohexane	6.12	83	85729	0.822	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	35662	0.569	ug/L #	92
38) Bromodichloromethane	6.55	83	17588	0.218	ug/L #	90
48) 2-Hexanone	8.15	43	80286	2.939	ug/L #	69
53) m,p-xylene	9.19	106	10556	0.098	ug/L	71

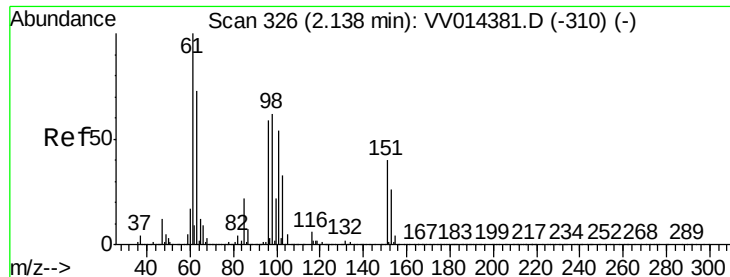
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.071 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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Acq: 24 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampled :

H0AC6

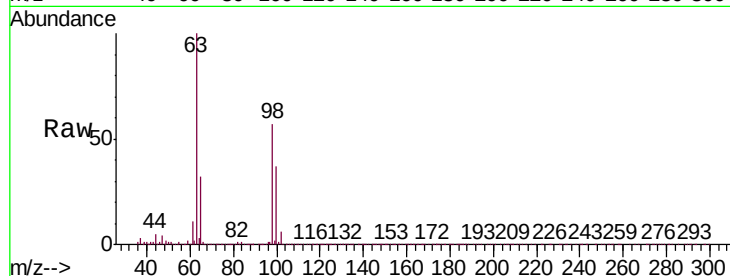
Tgt Ion: 101 Resp: 2736

Ion Ratio Lower Upper

101 100

85 20.1 34.9 52.3#

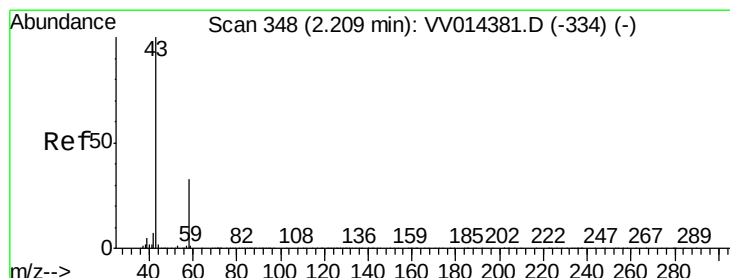
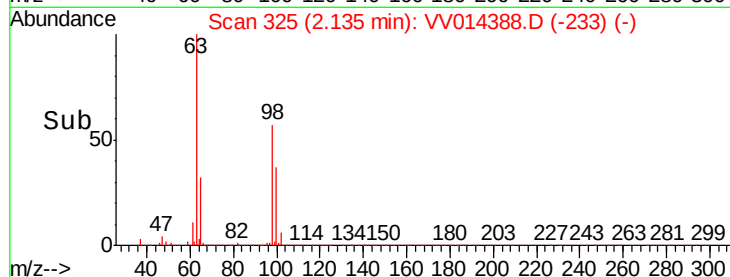
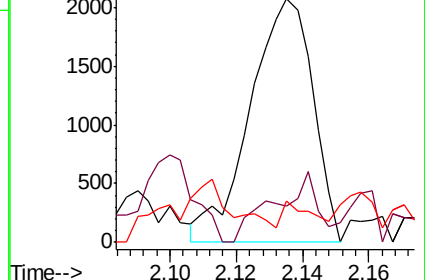
151 9.1 62.5 93.7#



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: 3.033 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014388.D

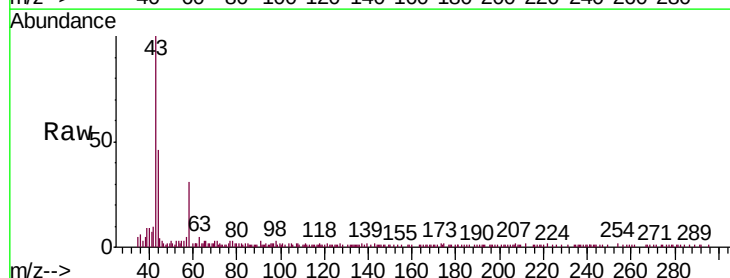
Acq: 24 Jan 2020 14:24

Tgt Ion: 43 Resp: 30417

Ion Ratio Lower Upper

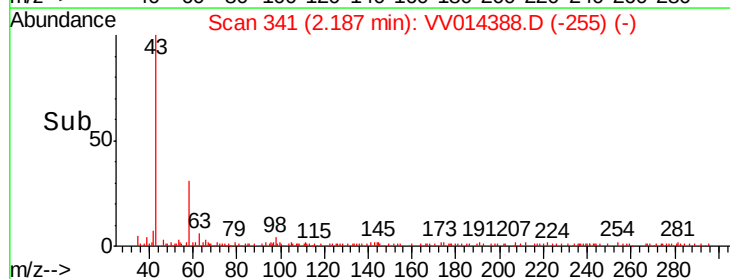
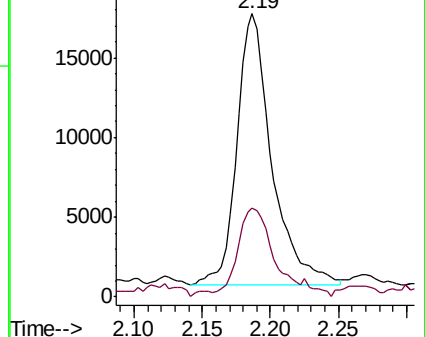
43 100

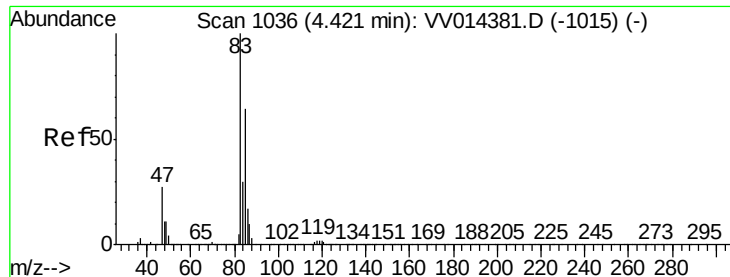
58 35.2 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

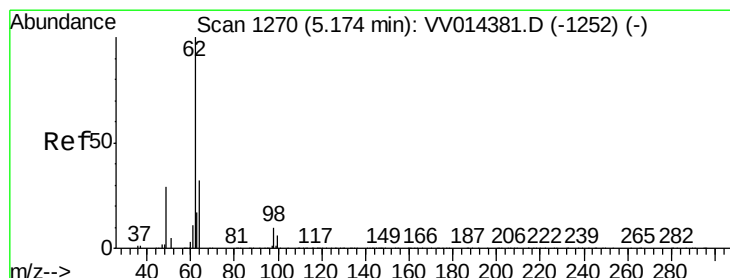
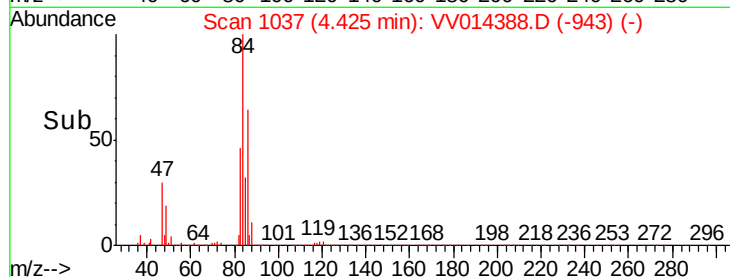
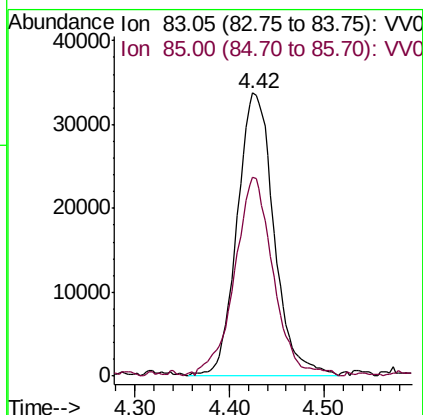
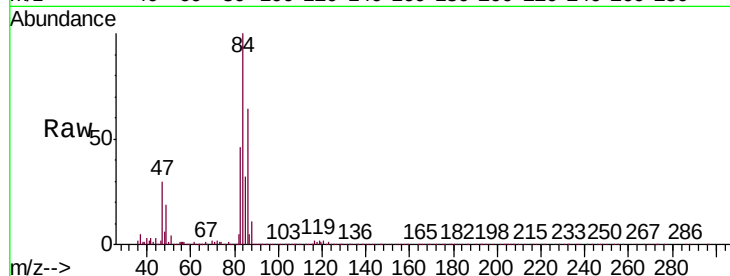




#25
Chloroform
Concen: 0.839 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014388.D
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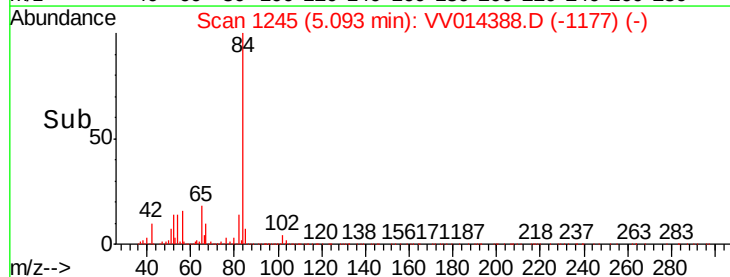
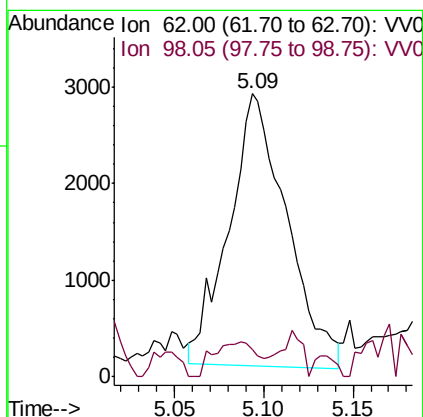
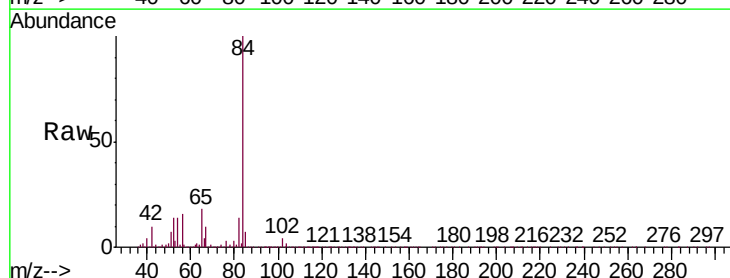
Instrument :
MSVOA_V
ClientSampleId :
H0AC6

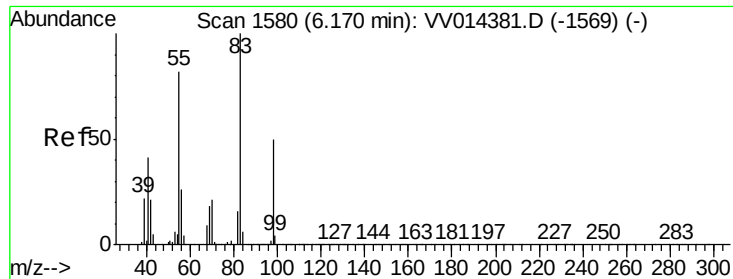
Tgt Ion: 83 Resp: 91582
Ion Ratio Lower Upper
83 100
85 70.3 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV014388.D
Acq: 24 Jan 2020 14:24

Tgt Ion: 62 Resp: 6344
Ion Ratio Lower Upper
62 100
98 9.8 9.2 13.8

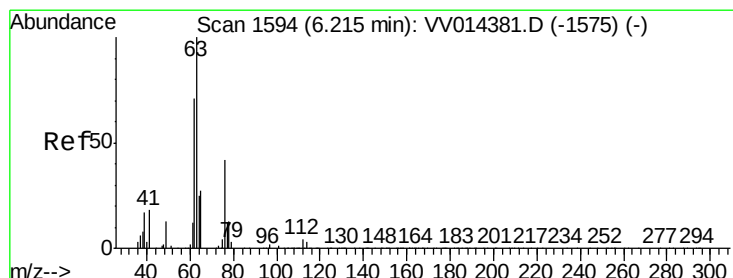
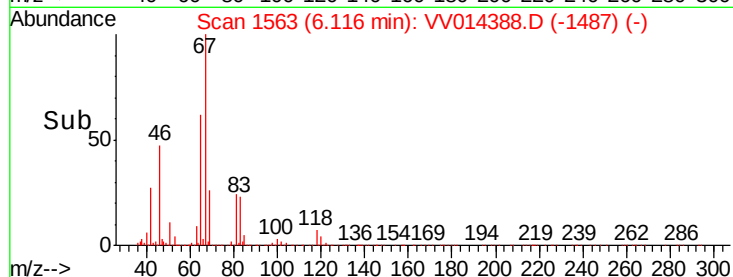
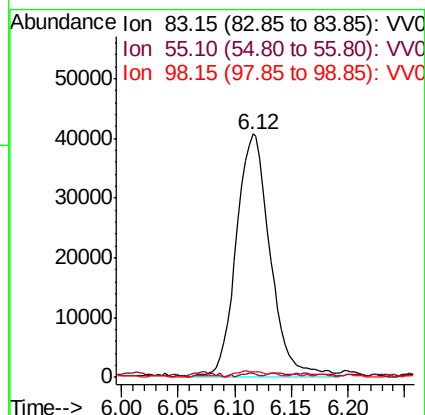
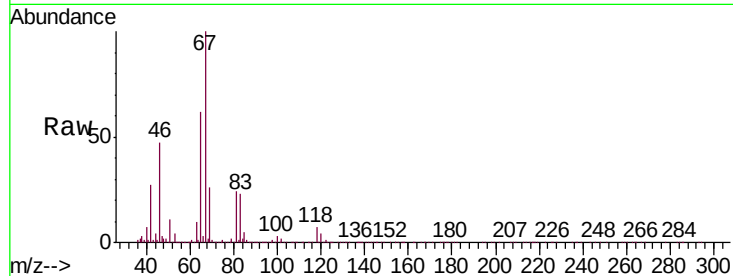




#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014388.D
Acq: 24 Jan 2020 14:24

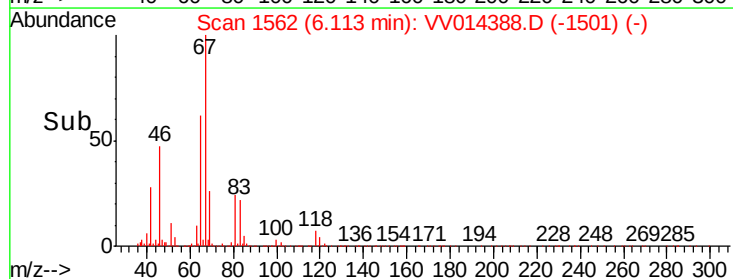
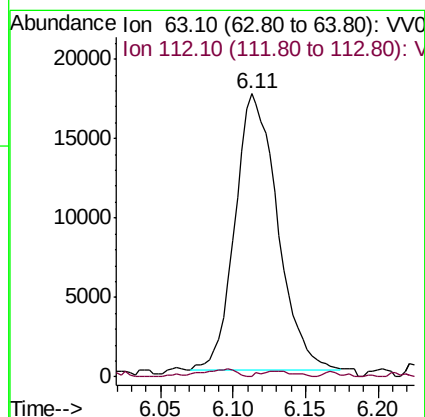
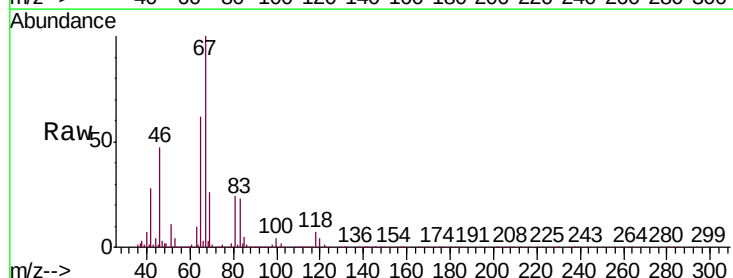
Instrument :
MSVOA_V
ClientSampled :
H0AC6

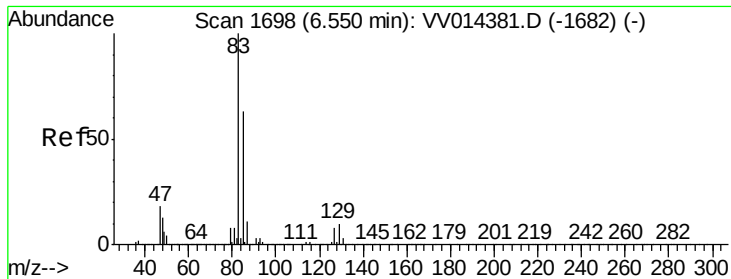
Tgt Ion: 83 Resp: 85729
Ion Ratio Lower Upper
83 100
55 0.9 61.7 92.5#
98 2.6 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014388.D
Acq: 24 Jan 2020 14:24

Tgt Ion: 63 Resp: 35662
Ion Ratio Lower Upper
63 100
112 2.1 3.7 5.5#





#38

Bromodichloromethane

Concen: 0.218 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014388.D

Acq: 24 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampled :

H0AC6

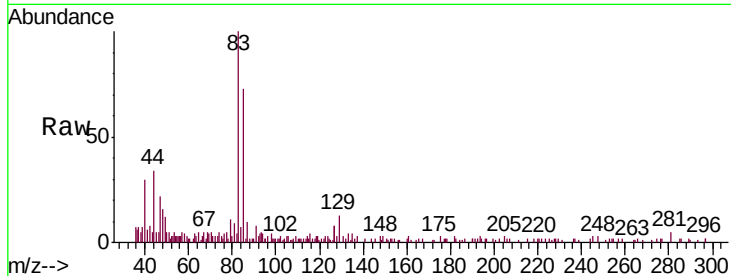
Tgt Ion: 83 Resp: 17588

Ion Ratio Lower Upper

83 100

85 72.5 46.4 86.2

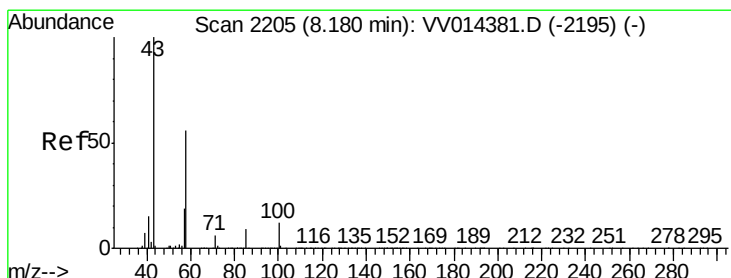
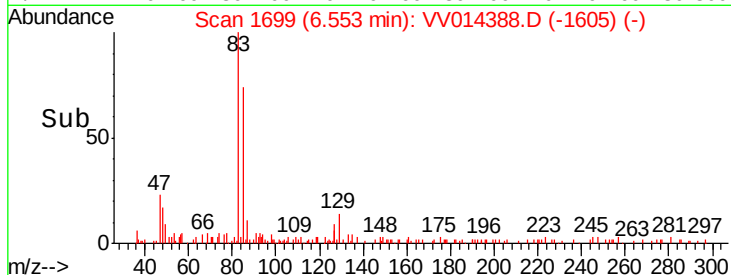
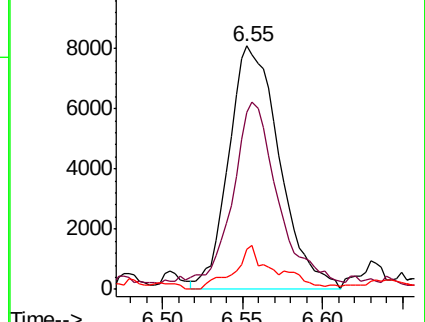
127 16.6 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): VV0



#48

2-Hexanone

Concen: 2.939 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. -0.03 min

Lab File: VV014388.D

Acq: 24 Jan 2020 14:24

Tgt Ion: 43 Resp: 80286

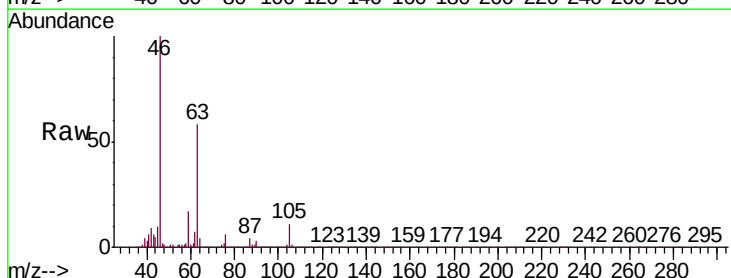
Ion Ratio Lower Upper

43 100

58 27.4 45.4 68.0#

57 21.2 15.8 23.8

100 0.3 10.2 15.4#

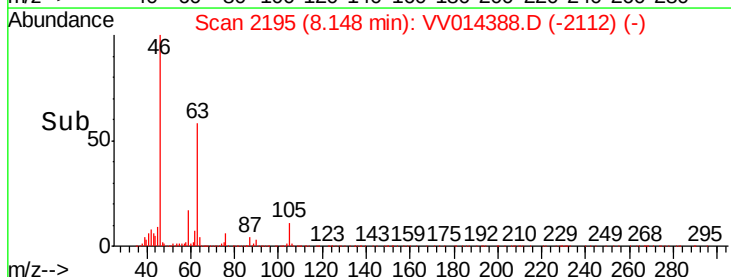
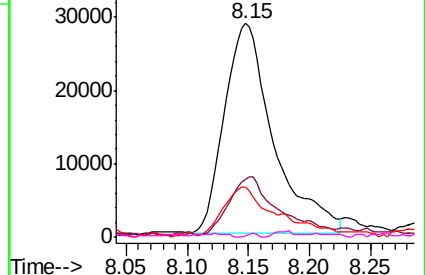


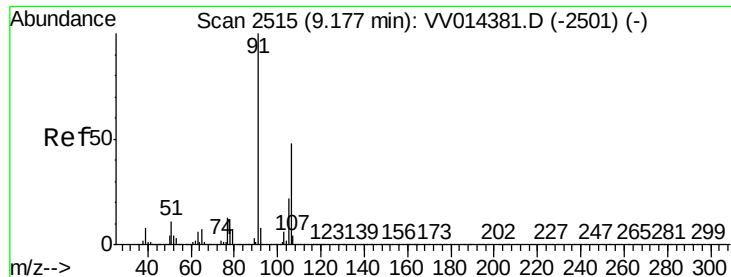
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#53

m,p-xylene

Concen: 0.098 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.01 min

Lab File: VV014388.D

Acq: 24 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

H0AC6

Tgt Ion:106 Resp: 10556

Ion Ratio Lower Upper

106 100

91 164.5 146.8 272.6

