

Data File : VV015031.D
Acq On : 18 Mar 2020 22:25
Operator : SY/MD
Sample : L1941-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC6

Quant Time: Mar 19 04:12:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339501	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82521	52.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.04%
7) Chloroethane-d5	1.58	69	65697	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.64%
11) 1,1-Dichloroethene-d2	2.12	63	105168	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	3.93	46	97036	90.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.23%
24) Chloroform-d	4.38	84	194373	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.06	65	128777	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
32) Benzene-d6	5.08	84	403333	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
36) 1,2-Dichloropropane-d6	6.10	67	118701	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.90%
41) Toluene-d8	7.34	98	396582	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%
43) trans-1,3-Dichloropropene-	7.64	79	57586	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.12	63	106132	100.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	168864	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	170199	53.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.16%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1151	0.788	ug/L #	13
13) Acetone	2.20	43	3346	3.741	ug/L	99
25) Chloroform	4.41	83	2865	0.719	ug/L	95
27) 1,2-Dichloroethane	5.08	62	2253	0.757	ug/L #	73
35) Methylcyclohexane	6.09	83	30331	8.758	ug/L #	21
48) 2-Hexanone	8.12	43	12218	6.061	ug/L #	71

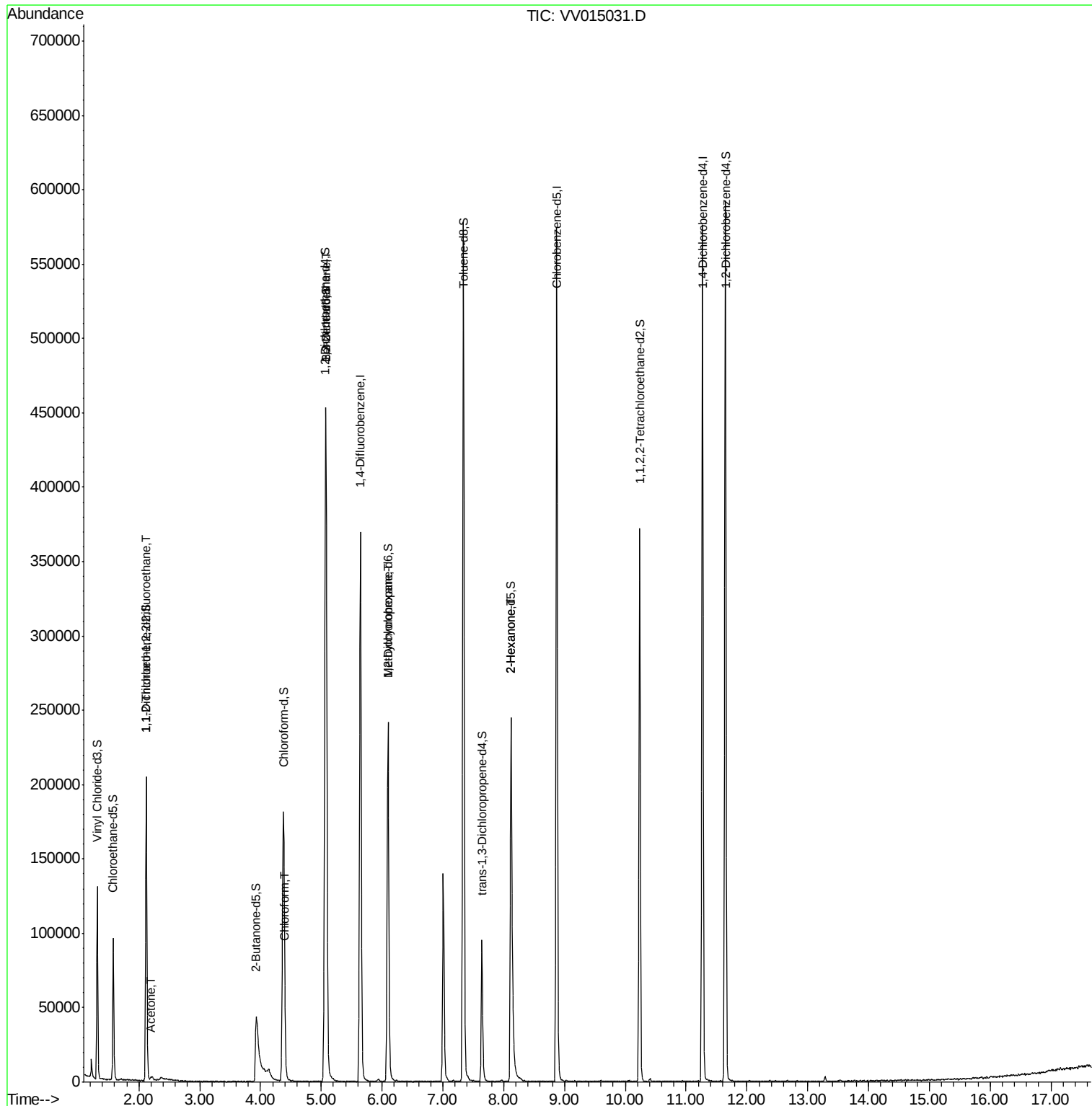
(#) = qualifier out of range (m) = manual integration (+) = signals summed

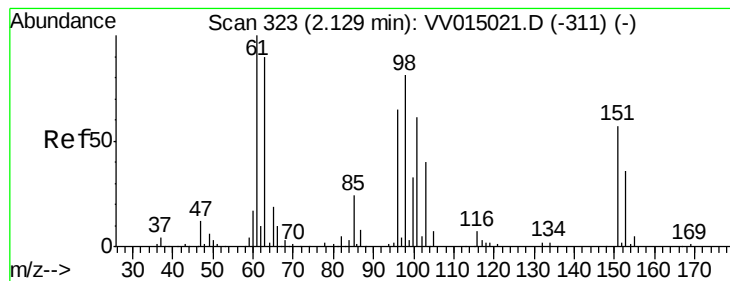
Data File : VV015031.D

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ALS Vial     : 22   Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
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Response via : Initial Calibration





#10

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

Concen: 0.788 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015031.D

Acq: 18 Mar 2020 22:25

Instrument :

MSVOA_V

ClientSampled :

C0DC6

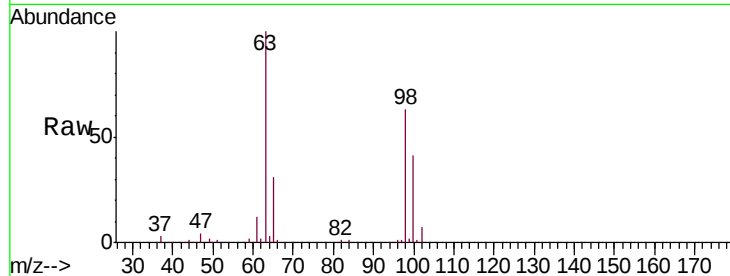
Tgt Ion:101 Resp: 1151

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

151 0.0 72.6 109.0#



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

1000

800

600

400

200

0

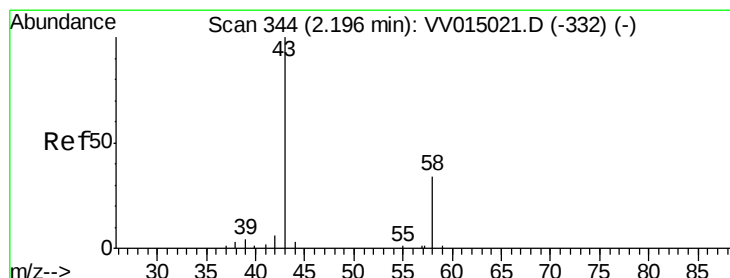
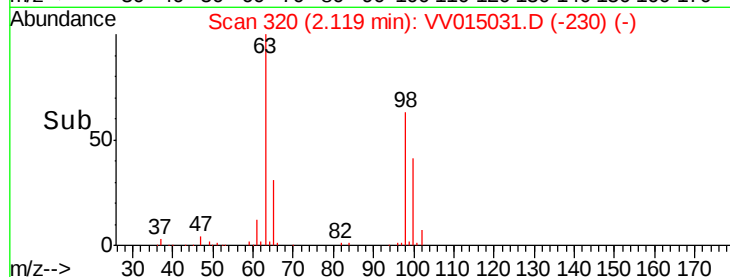
2.10

2.12

2.14

2.16

Time-->



#13

Acetone

Concen: 3.741 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV015031.D

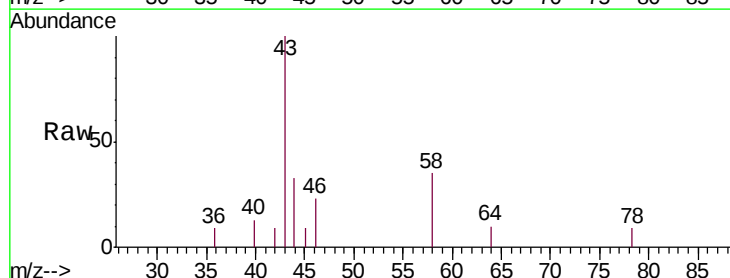
Acq: 18 Mar 2020 22:25

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

43 100

58 22.2 0.0 43.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

1500

1000

500

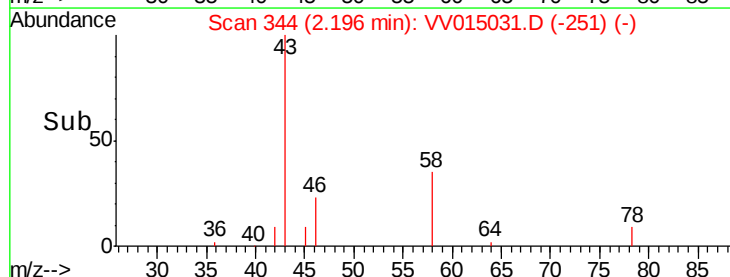
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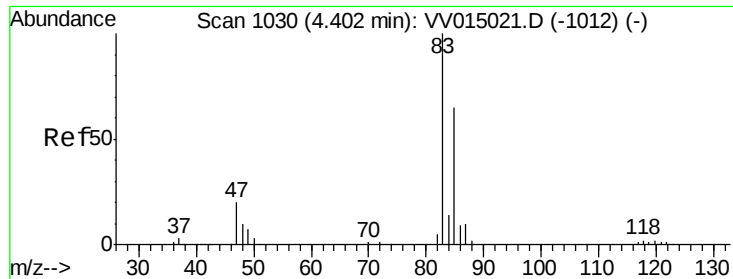
2.15

2.20

2.25

Time-->

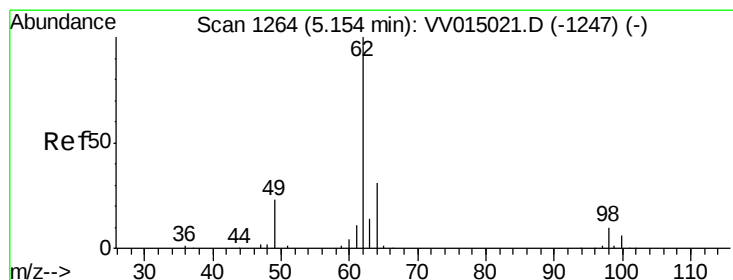
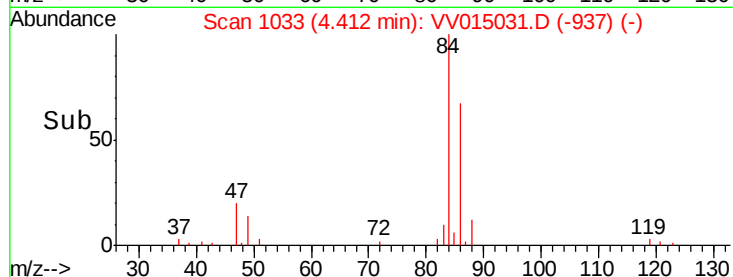
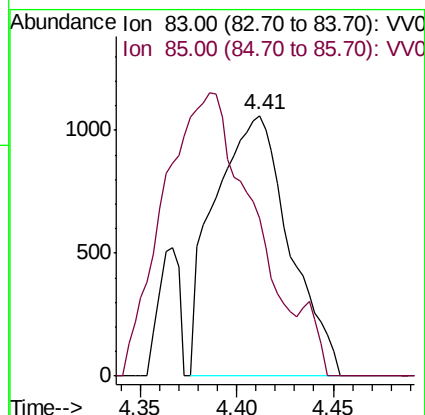
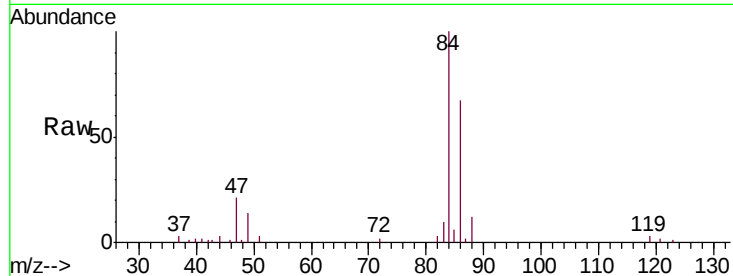




#25
Chloroform
Concen: 0.719 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015031.D
Acq: 18 Mar 2020 22:25

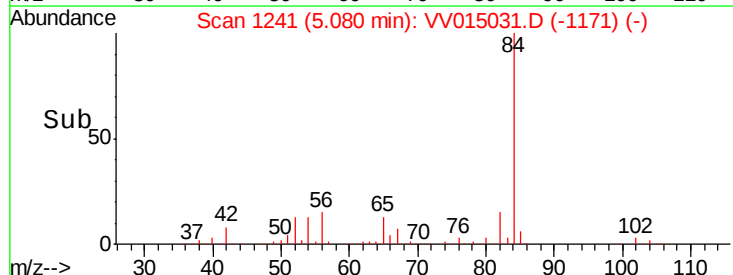
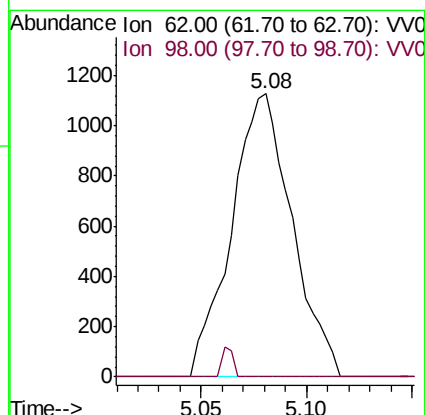
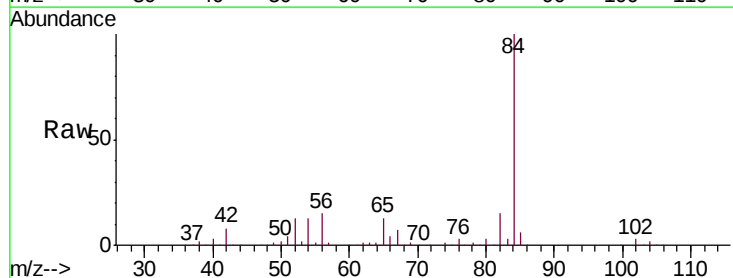
Instrument :
MSVOA_V
ClientSampled :
C0DC6

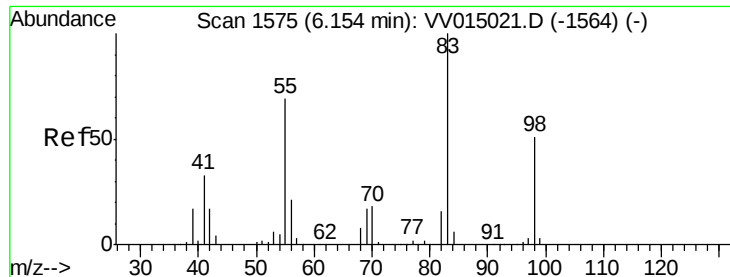
Tgt Ion: 83 Resp: 2865
Ion Ratio Lower Upper
83 100
85 60.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.757 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015031.D
Acq: 18 Mar 2020 22:25

Tgt Ion: 62 Resp: 2253
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#

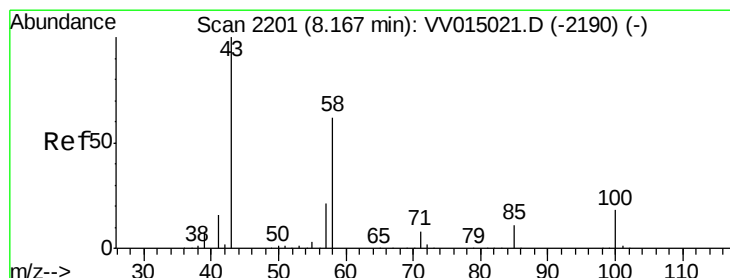
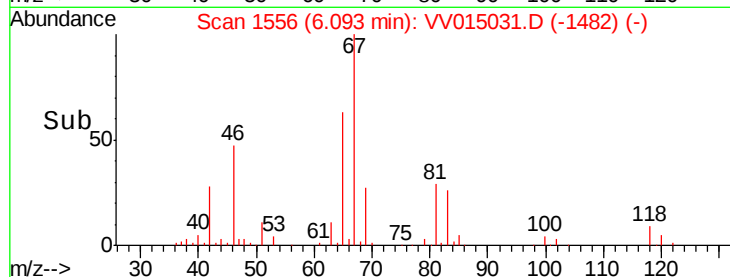
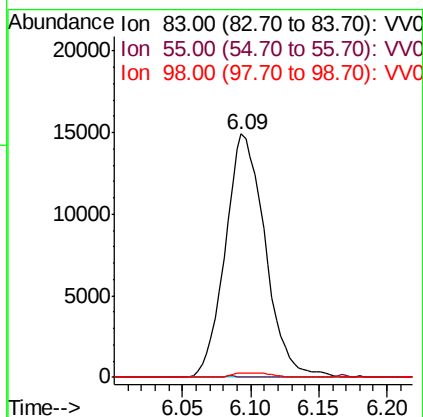
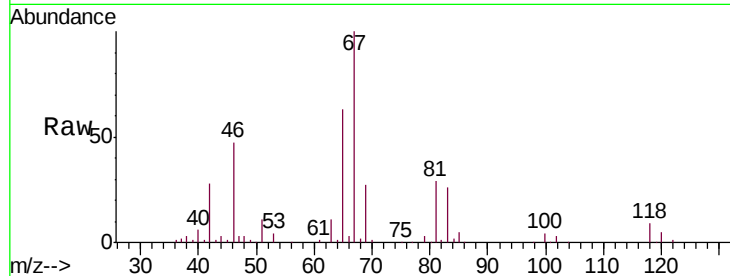




#35
Methylcyclohexane
Concen: 8.758 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015031.D
Acq: 18 Mar 2020 22:25

Instrument :
MSVOA_V
ClientSampleId :
C0DC6

Tgt Ion: 83 Resp: 30331
Ion Ratio Lower Upper
83 100
55 0.2 55.4 83.0#
98 1.0 40.6 61.0#



#48
2-Hexanone
Concen: 6.061 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015031.D
Acq: 18 Mar 2020 22:25

Tgt Ion: 43 Resp: 12218
Ion Ratio Lower Upper
43 100
58 37.5 48.2 72.2#
57 10.9 15.8 23.6#
100 0.0 12.6 19.0#

