

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017762.D
 Acq On : 30 Jul 2020 21:48
 Operator : SY/MD
 Sample : L3486-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y31

Quant Time: Jul 31 02:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66762	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.32%
7) Chloroethane-d5	1.58	69	62906	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.46%
11) 1,1-Dichloroethene-d2	2.12	63	125949	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.91	46	116095	102.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.38	84	198657	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.06	65	151789	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	354487	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.09	67	100518	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.86%
41) Toluene-d8	7.34	98	329188	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%
43) trans-1,3-Dichloropropene-	7.64	79	56690	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
47) 2-Hexanone-d5	8.11	63	81833	99.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133163	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	148196	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

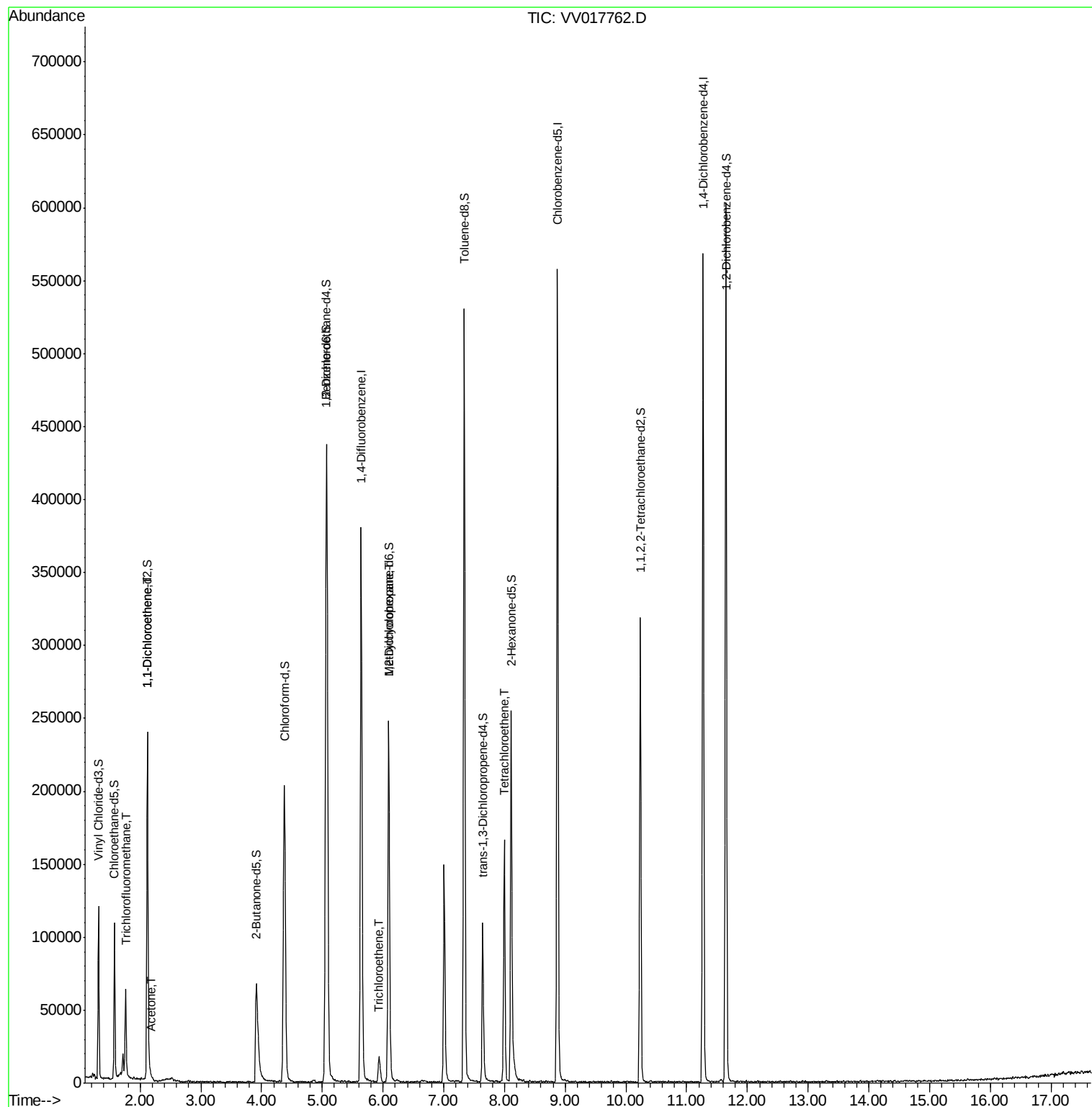
					Ovalue
9) Trichlorofluoromethane	1.76	101	33962	7.861 ug/L	98
12) 1,1-Dichloroethene	2.12	96	1343	0.720 ug/L #	1
13) Acetone	2.20	43	2146	1.486 ug/L	96
34) Trichloroethene	5.94	95	2721	1.203 ug/L	96
35) Methylcyclohexane	6.09	83	29787	8.978 ug/L #	19
46) Tetrachloroethene	8.00	164	37368	18.649 ug/L	97

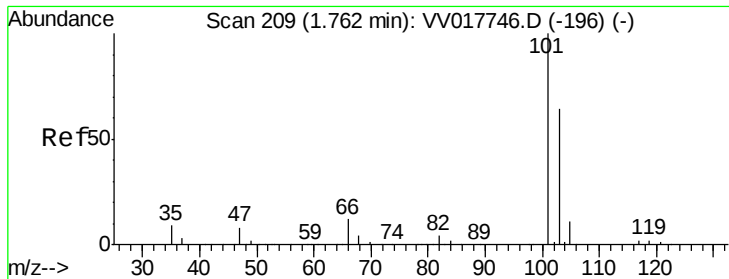
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 02:37:22 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.861 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017762.D

Acq: 30 Jul 2020 21:48

Instrument :

MSVOA_V

ClientSampleId :

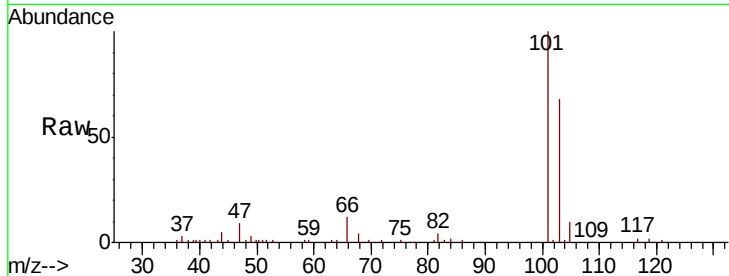
C0Y31

Tot Ion:101 Resp: 33962

Ion Ratio Lower Upper

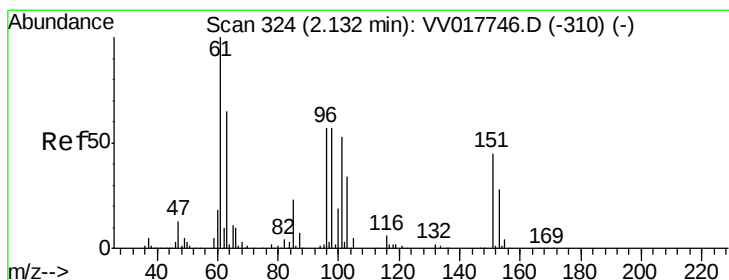
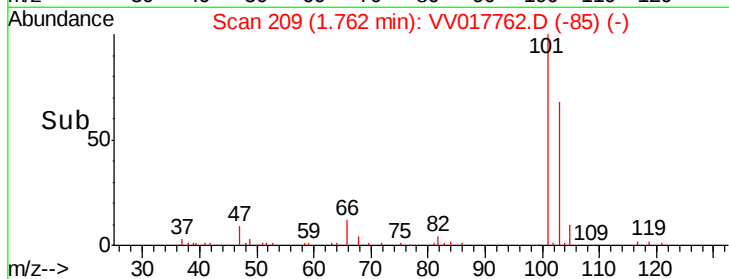
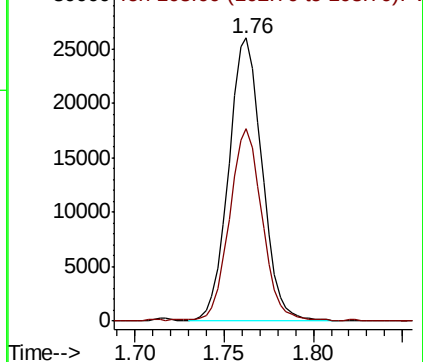
101 100

103 66.4 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017762.D

Acq: 30 Jul 2020 21:48

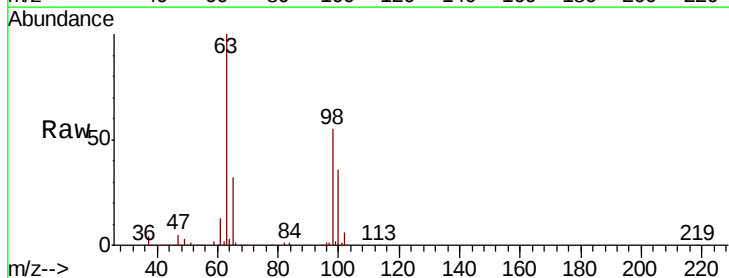
Tgt Ion: 96 Resp: 1343

Ion Ratio Lower Upper

96 100

61 1273.2 131.0 243.2#

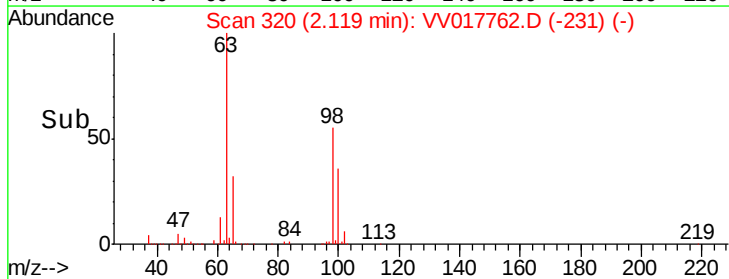
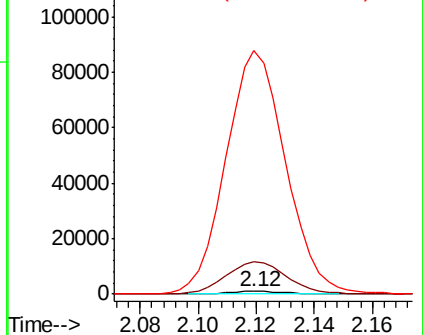
63 9456.2 88.5 164.3#

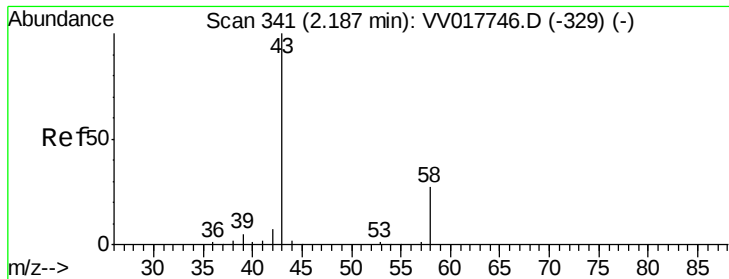


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.486 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017762.D

Acq: 30 Jul 2020 21:48

Instrument :

MSVOA_V

ClientSampled :

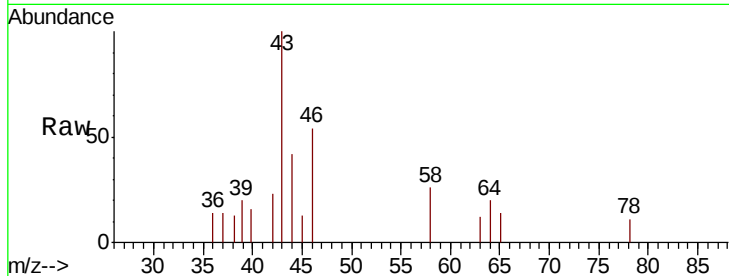
C0Y31

Tot Ion: 43 Resp: 2146

Ion Ratio Lower Upper

43 100

58 24.0 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV017746.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017746.D (-329) (-)

2.20

1000

800

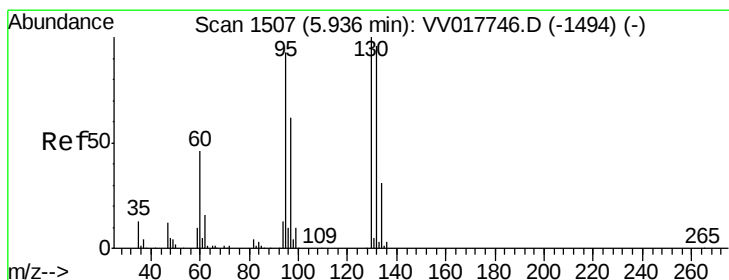
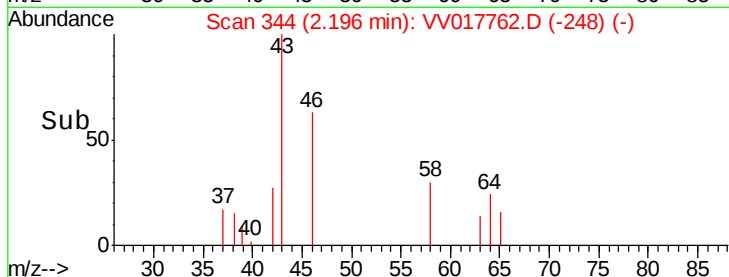
600

400

200

0

Time--> 2.15 2.20



#34

Trichloroethene

Concen: 1.203 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017762.D

Acq: 30 Jul 2020 21:48

Tgt Ion: 95 Resp: 2721

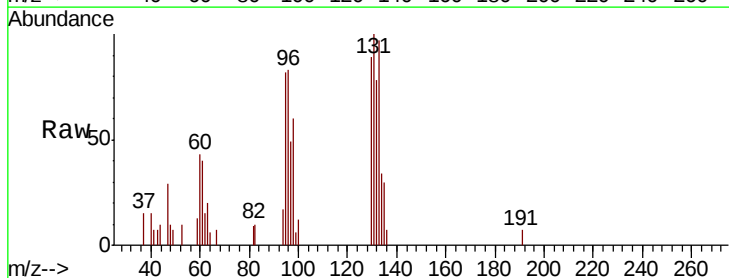
Ion Ratio Lower Upper

95 100

97 59.7 45.3 84.1

132 95.2 71.4 132.6

130 108.6 75.3 139.9



Abundance Ion 95.00 (94.70 to 95.70): VV017746.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017746.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017746.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017746.D (-1494) (-)

2500

2000

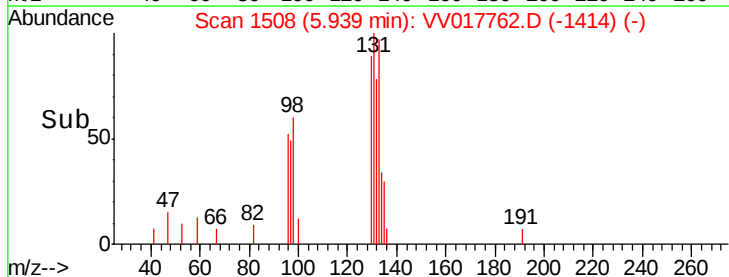
1500

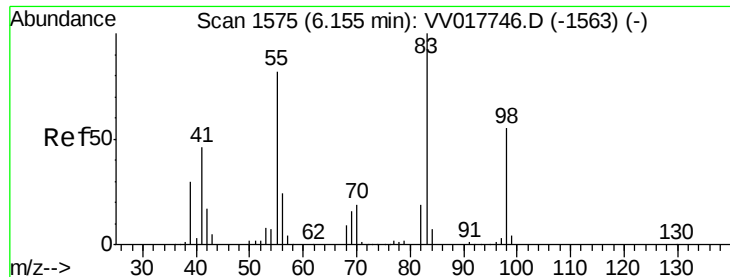
1000

500

0

Time--> 5.90 5.95

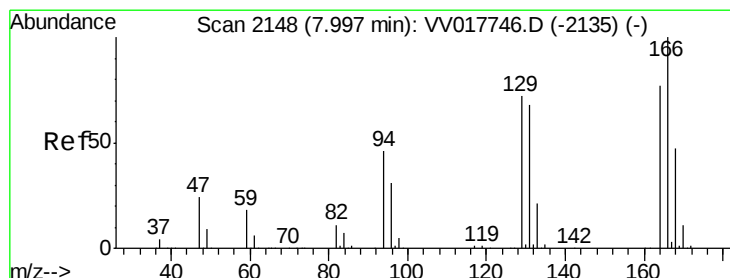
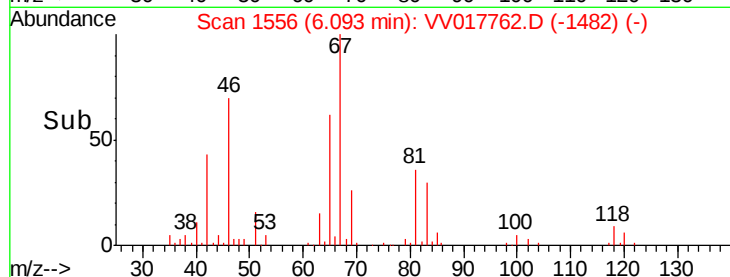
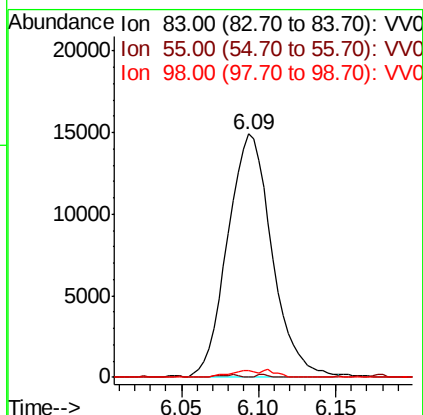
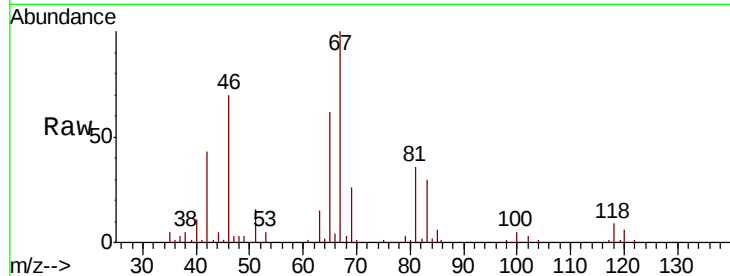




#35
Methylcyclohexane
Concen: 8.978 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017762.D
Acq: 30 Jul 2020 21:48

Instrument :
MSVOA_V
ClientSampleId :
C0Y31

Tot Ion: 83 Resp: 29787
Ion Ratio Lower Upper
83 100
55 0.3 59.4 89.2#
98 1.7 41.2 61.8#



#46
Tetrachloroethene
Concen: 18.649 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV017762.D
Acq: 30 Jul 2020 21:48

Tgt Ion: 164 Resp: 37368
Ion Ratio Lower Upper
164 100
129 84.4 63.9 118.7
131 85.7 62.6 116.3
166 126.4 88.3 164.1

