

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014881.D
 Acq On : 12 Mar 2020 20:40
 Operator : SY/MD
 Sample : L1884-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:13:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356534	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102740	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.58	69	81229	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	131903	31.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.66%
21) 2-Butanone-d5	3.93	46	141180	75.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.90%
24) Chloroform-d	4.38	84	229479	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
26) 1,2-Dichloroethane-d4	5.06	65	151995	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
32) Benzene-d6	5.08	84	456921	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.10	67	141225	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.52%
41) Toluene-d8	7.34	98	435557	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.64	79	59480	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.12	63	139468	100.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199311	46.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	175260	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%

Target Compounds

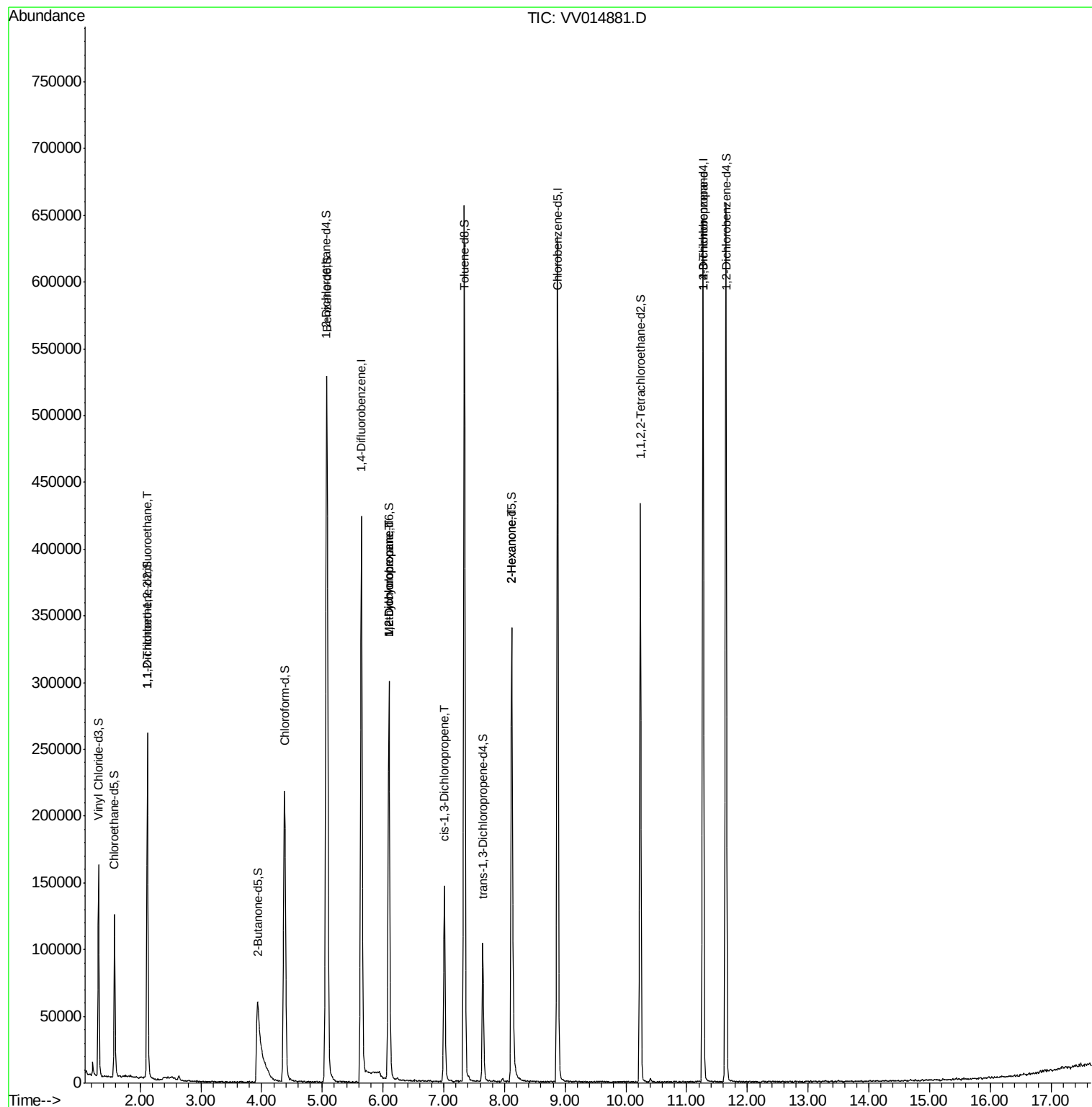
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1314	0.642 ug/L #	16
35) Methylcyclohexane	6.10	83	35761	8.026 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	15786	5.656 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3722	0.851 ug/L #	69
48) 2-Hexanone	8.12	43	17152	5.392 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	16871	4.733 ug/L	89

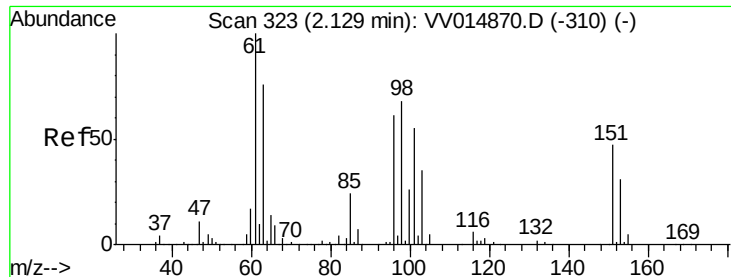
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.642 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014881.D

Acq: 12 Mar 2020 20:40

Instrument :

MSVOA_V

ClientSampleId :

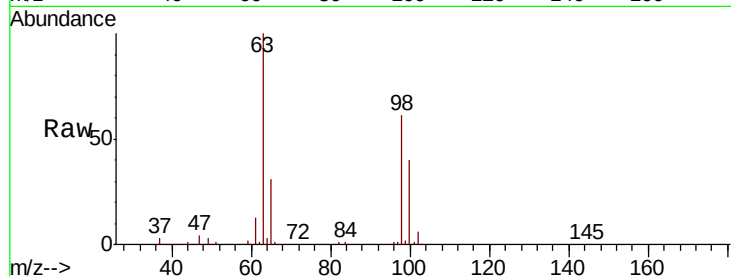
Tot Ion: 101 Resp: 1314

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

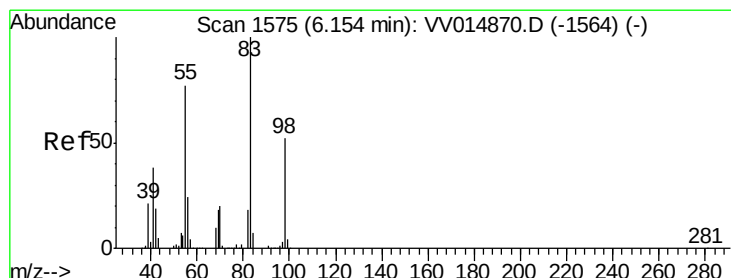
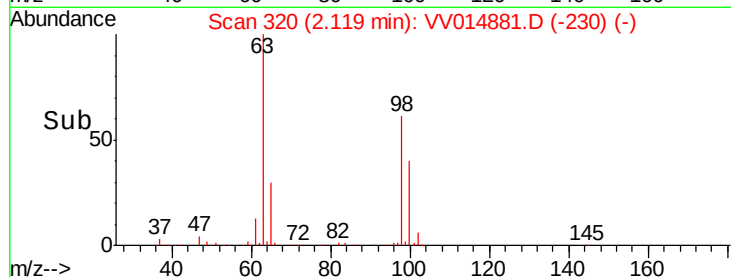
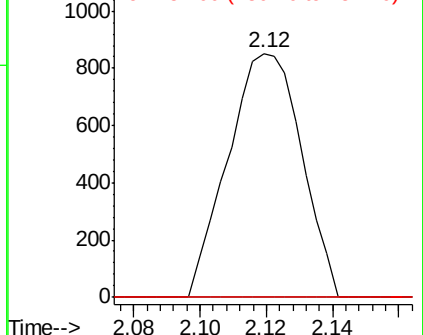
151 0.0 66.4 99.6#



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



#35

Methylcyclohexane

Concen: 8.026 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV014881.D

Acq: 12 Mar 2020 20:40

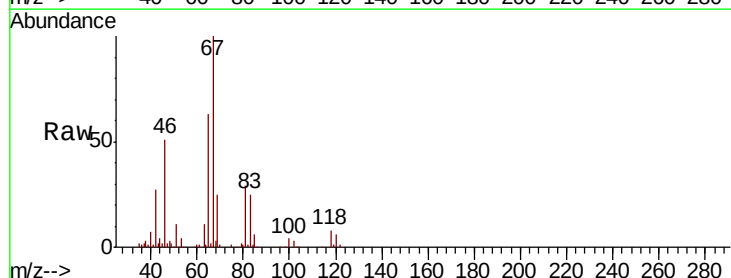
Tgt Ion: 83 Resp: 35761

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

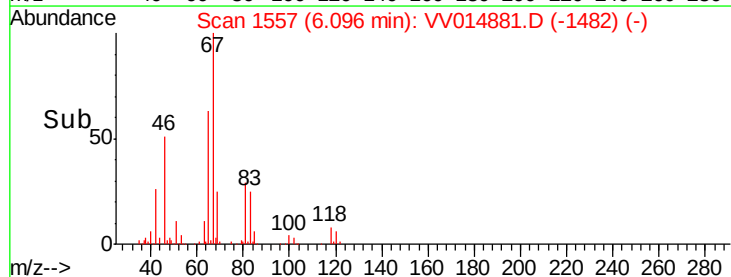
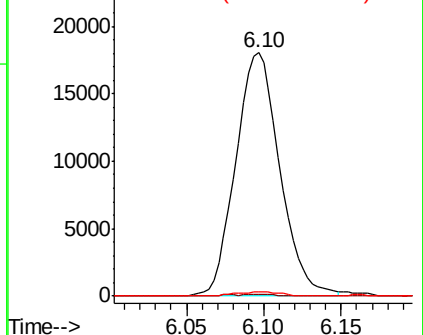
98 1.1 36.8 55.2#

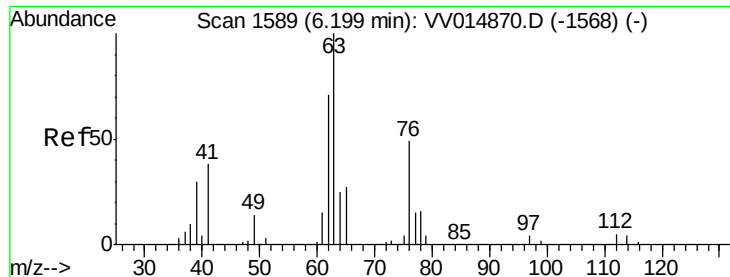


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

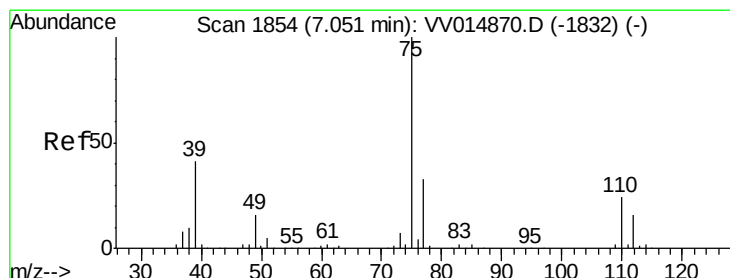
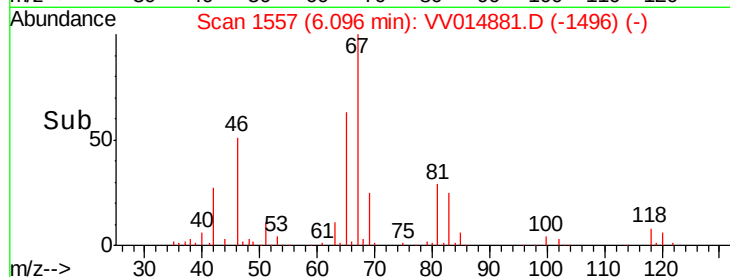
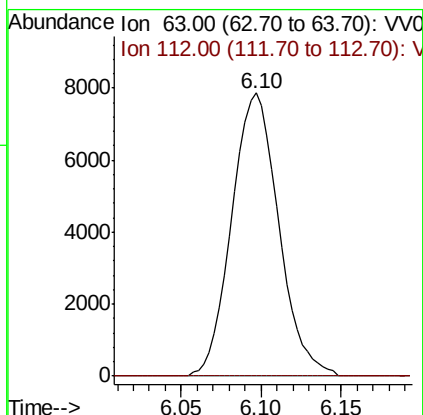
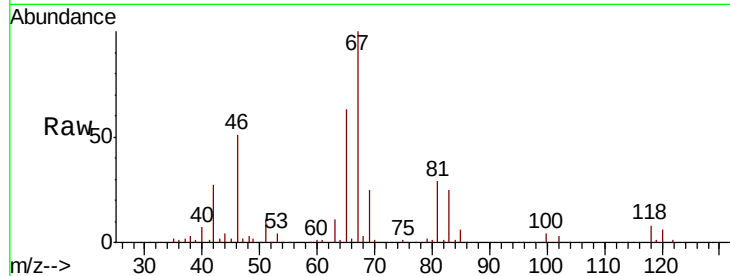




#37
 1,2-Dichloropropane
 Concen: 5.656 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV014881.D
 Acq: 12 Mar 2020 20:40

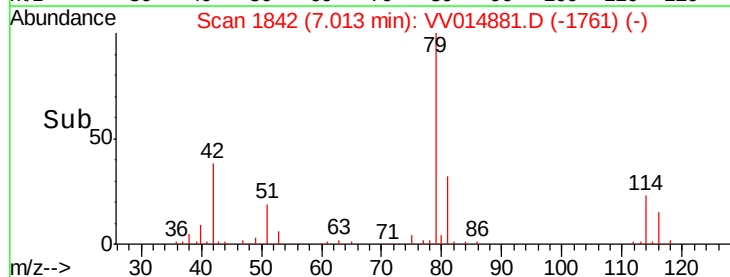
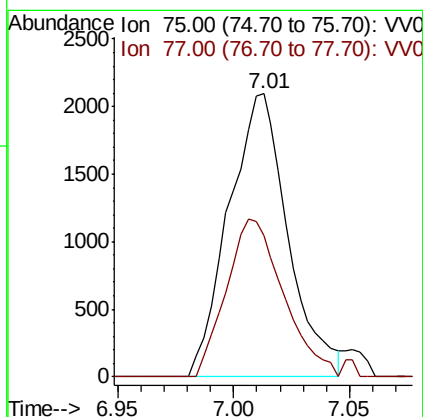
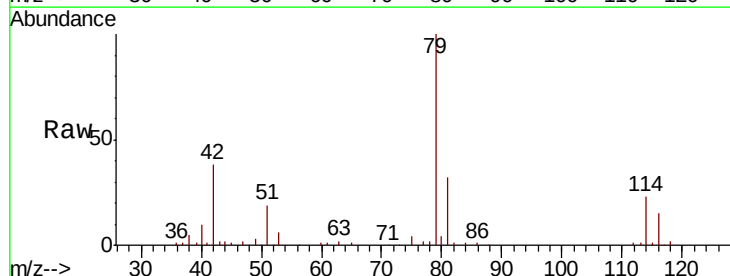
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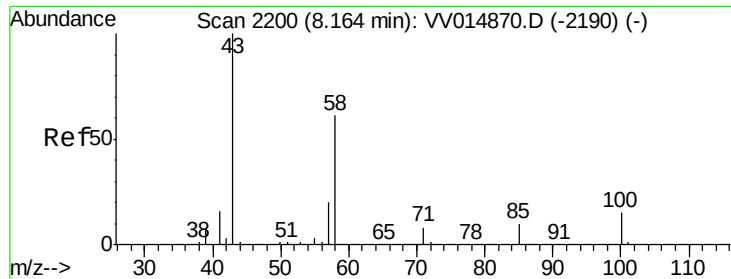
Tot Ion: 63 Resp: 15786
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.851 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV014881.D
 Acq: 12 Mar 2020 20:40

Tgt Ion: 75 Resp: 3722
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.8 42.4#

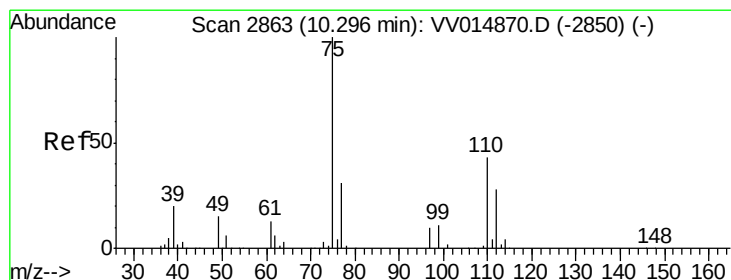
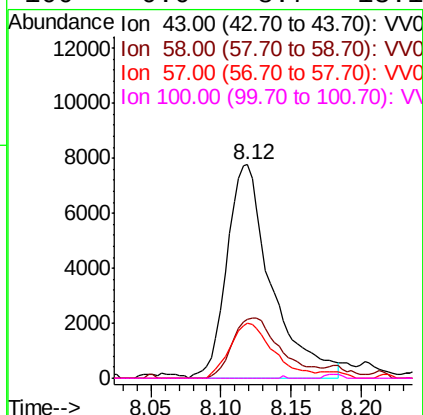
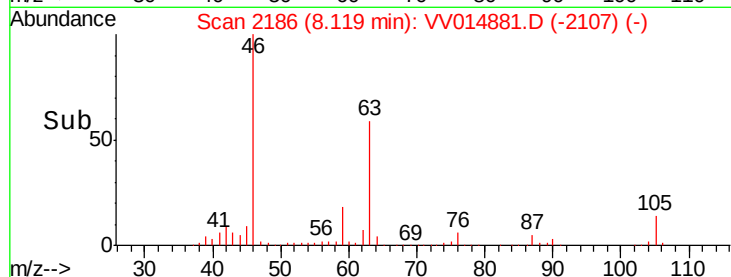
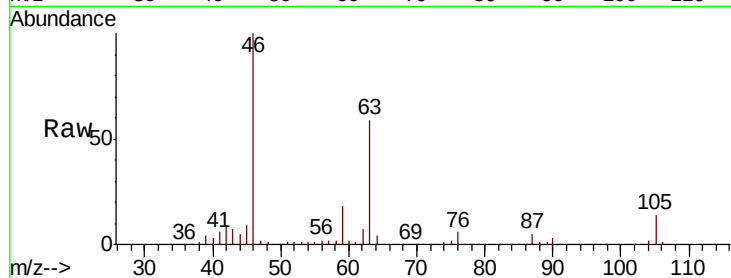




#48
2-Hexanone
Concen: 5.392 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014881.D
Acq: 12 Mar 2020 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 17152
Ion Ratio Lower Upper
43 100
58 31.1 43.3 64.9#
57 25.2 15.6 23.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 4.733 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014881.D
Acq: 12 Mar 2020 20:40

Tgt Ion: 75 Resp: 16871
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

