

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018323.D
 Acq On : 18 Sep 2020 15:29
 Operator : SY/MD
 Sample : L4065-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:43:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99582	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.58	69	80563	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.12	63	140130	33.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.68%
21) 2-Butanone-d5	3.91	46	117441	84.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.99%
24) Chloroform-d	4.38	84	168188	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.06	65	111951	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	5.07	84	340987	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
36) 1,2-Dichloropropane-d6	6.09	67	108751	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.34	98	299204	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%
43) trans-1,3-Dichloropropene-	7.64	79	51198	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
47) 2-Hexanone-d5	8.11	63	80024	84.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136347	43.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	125666	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

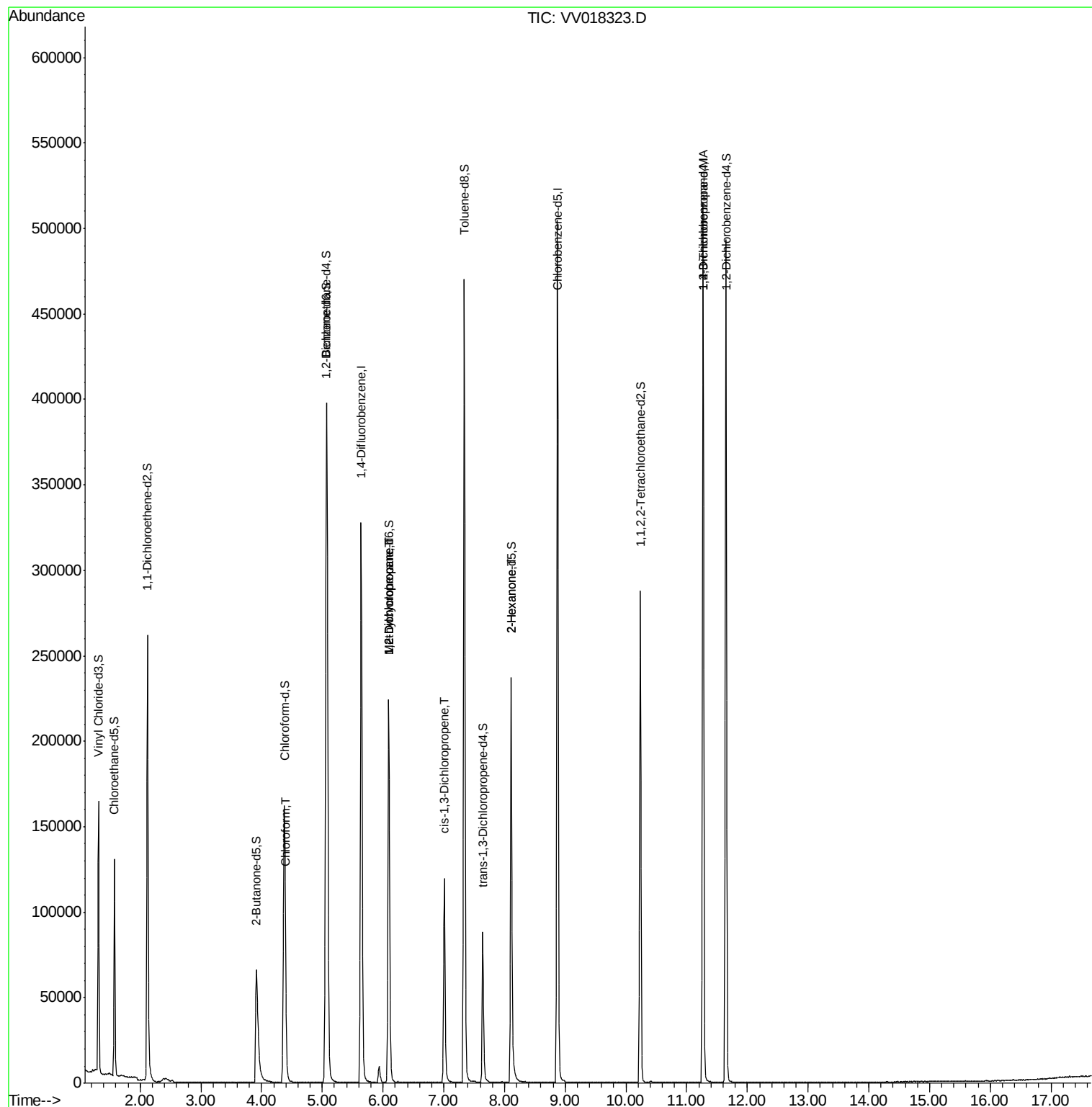
					Ovalue
25) Chloroform	4.40	83	3635	1.009 ug/L	87
35) Methylcyclohexane	6.09	83	26378	8.188 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11942	5.737 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	2845	0.887 ug/L #	50
48) 2-Hexanone	8.11	43	9953	5.000 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	14833	6.059 ug/L	91

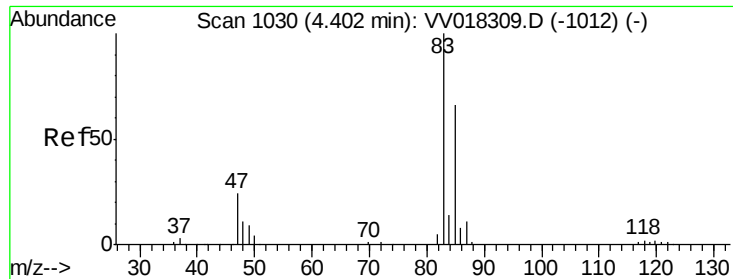
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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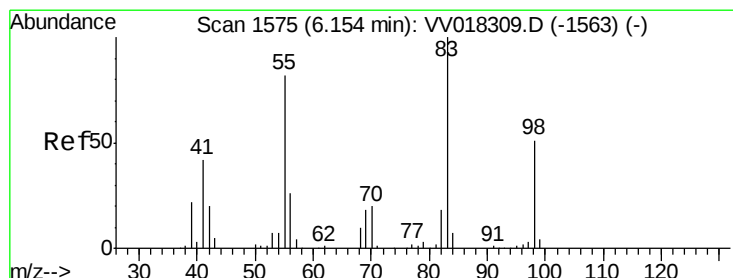
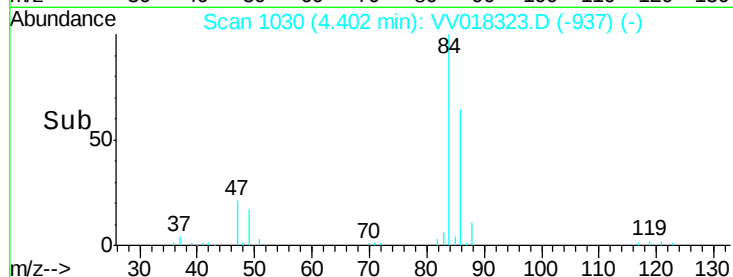
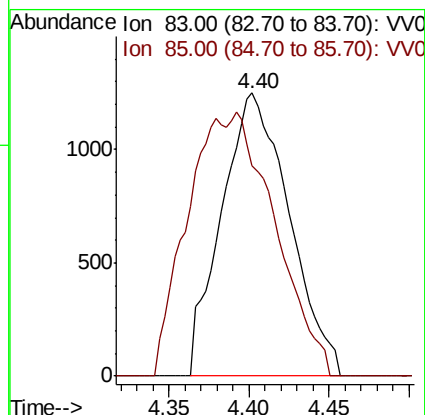
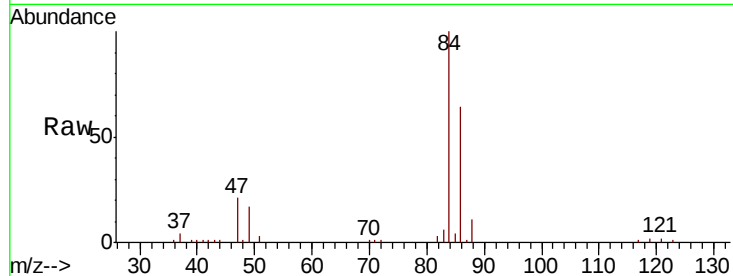




#25
Chloroform
Concen: 1.009 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018323.D
Acq: 18 Sep 2020 15:29

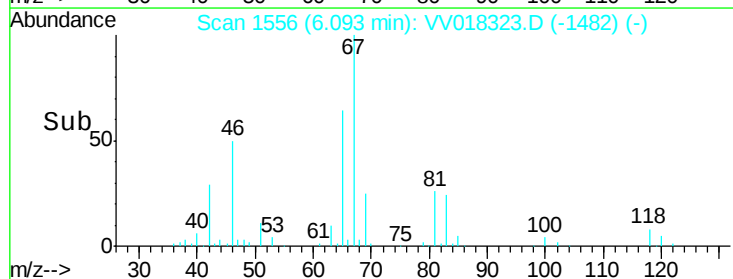
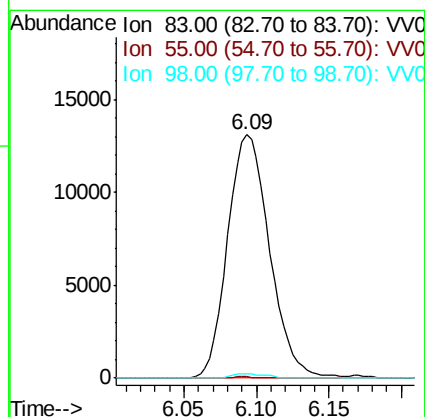
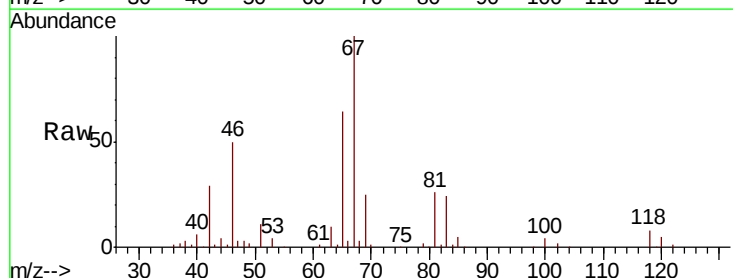
Instrument :
MSVOA_V
ClientSampled :

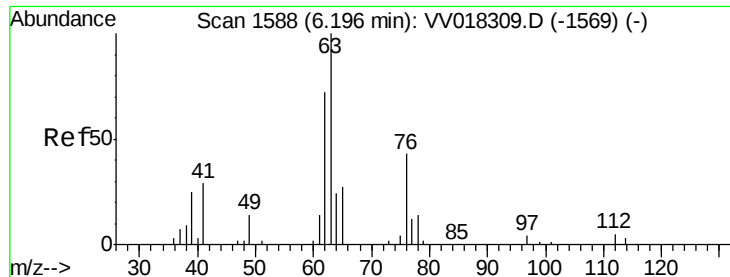
Tot Ion: 83 Resp: 3635
Ion Ratio Lower Upper
83 100
85 74.3 45.0 83.6



#35
Methylcyclohexane
Concen: 8.188 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018323.D
Acq: 18 Sep 2020 15:29

Tgt Ion: 83 Resp: 26378
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.4 38.8 58.2#

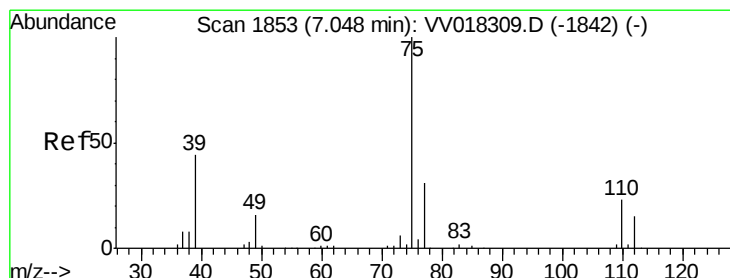
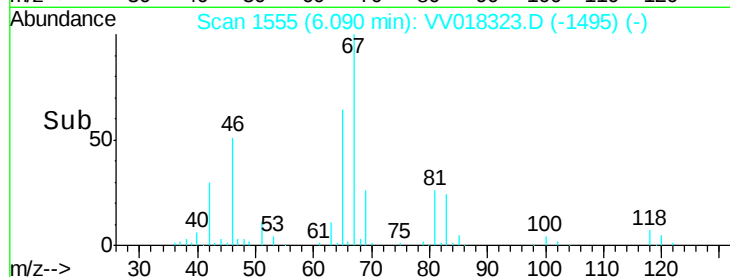
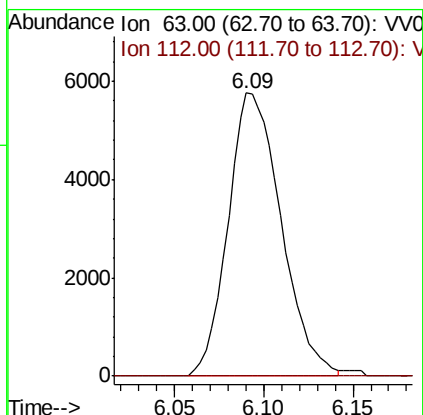
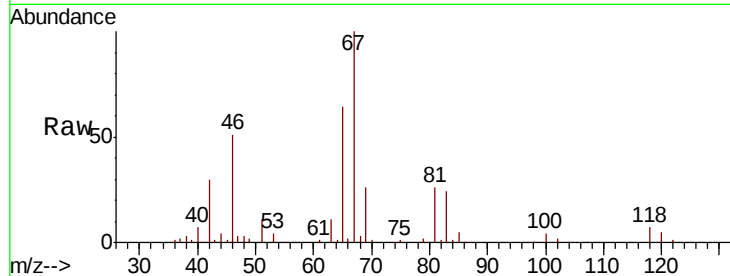




#37
 1,2-Dichloropropane
 Concen: 5.737 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018323.D
 Acq: 18 Sep 2020 15:29

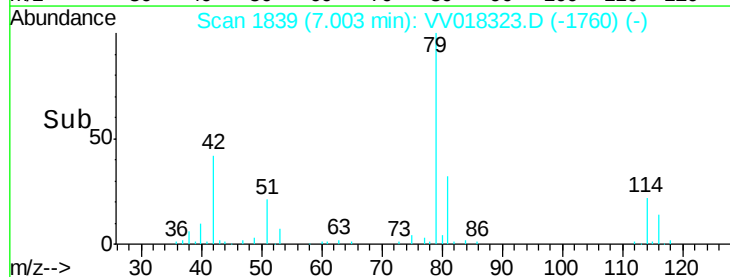
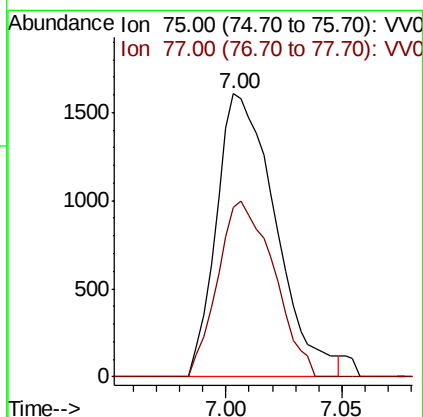
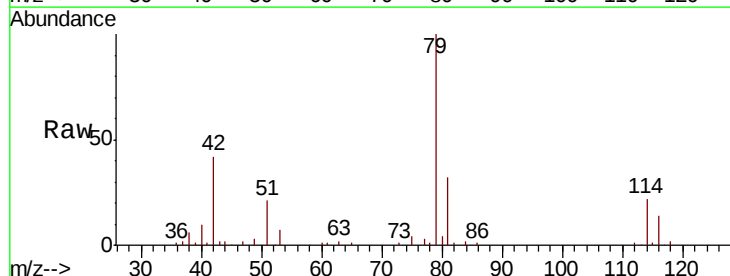
Instrument :
 MSVOA_V
 ClientSampleId :

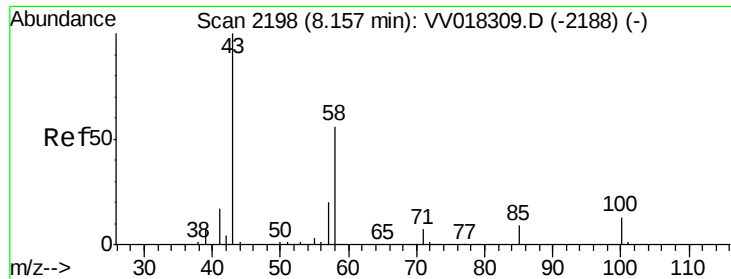
Tot Ion: 63 Resp: 11942
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.887 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018323.D
 Acq: 18 Sep 2020 15:29

Tgt Ion: 75 Resp: 2845
 Ion Ratio Lower Upper
 75 100
 77 59.8 22.3 41.3#

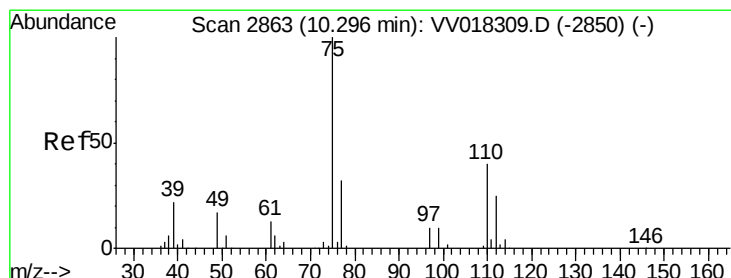
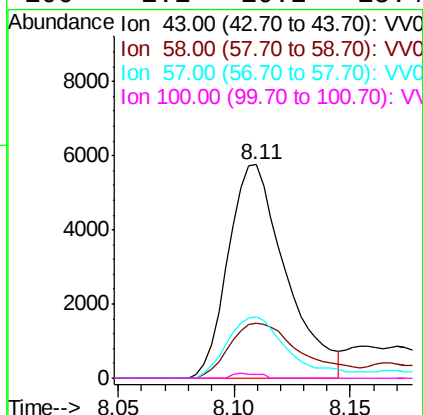
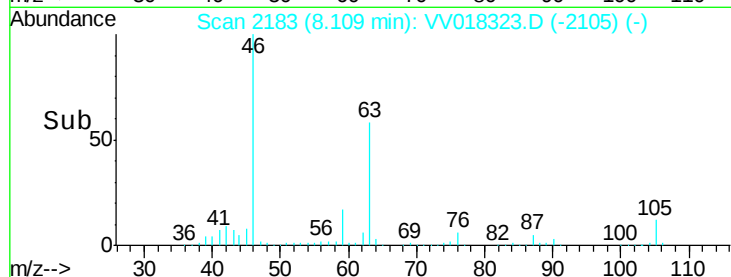
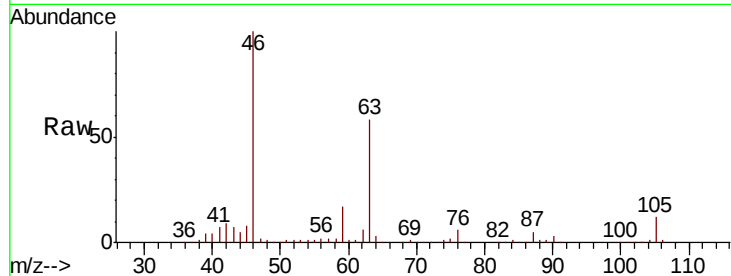




#48
2-Hexanone
Concen: 5.000 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018323.D
Acq: 18 Sep 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9953
Ion Ratio Lower Upper
43 100
58 32.4 44.8 67.2#
57 30.7 15.8 23.6#
100 1.1 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.059 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018323.D
Acq: 18 Sep 2020 15:29

Tgt Ion: 75 Resp: 14833
Ion Ratio Lower Upper
75 100
77 37.3 25.8 38.6

