

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018344.D
 Acq On : 18 Sep 2020 23:46
 Operator : SY/MD
 Sample : L4080-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274233	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96530	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.38%
7) Chloroethane-d5	1.58	69	80108	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.12	63	139412	34.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.02%
21) 2-Butanone-d5	3.92	46	115721	84.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	4.38	84	171135	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.06	65	114030	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	5.08	84	344294	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.09	67	110980	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.34	98	305667	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.64	79	51527	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.11	63	73971	78.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131019	41.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	126971	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

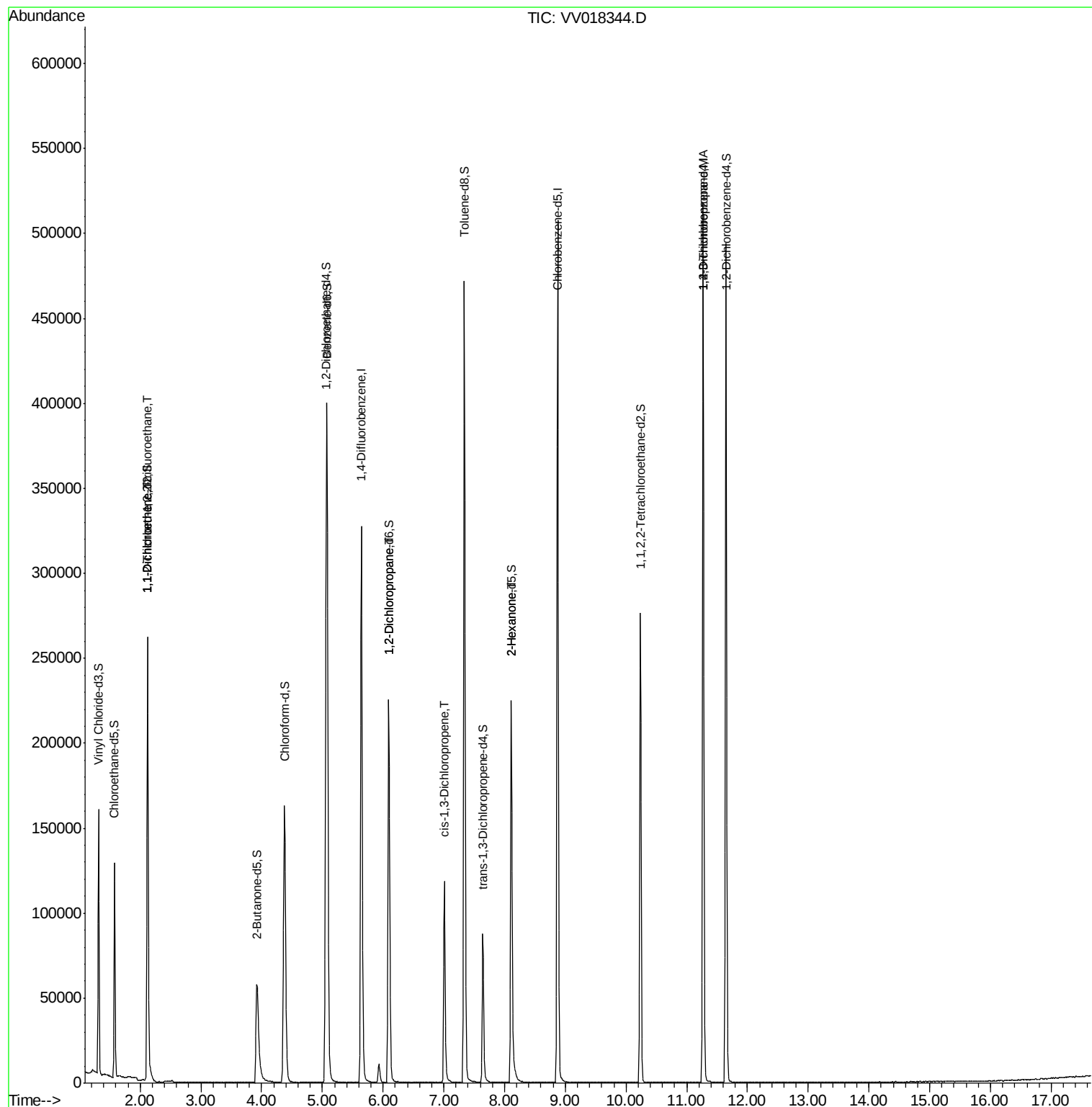
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1271	0.687 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1931	1.072 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	11772	5.672 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2934	0.917 ug/L #	81
48) 2-Hexanone	8.11	43	9364	4.717 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	14857	6.086 ug/L	92

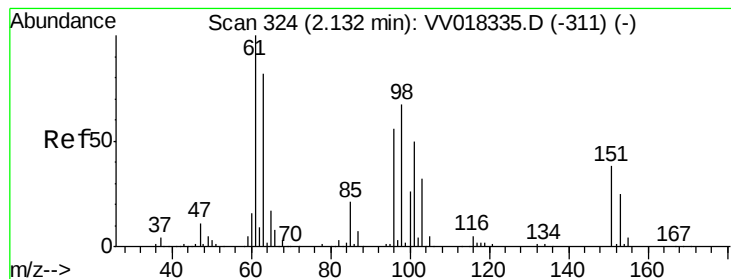
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.687 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018344.D

Acq: 18 Sep 2020 23:46

Instrument :

MSVOA_V

ClientSampled :

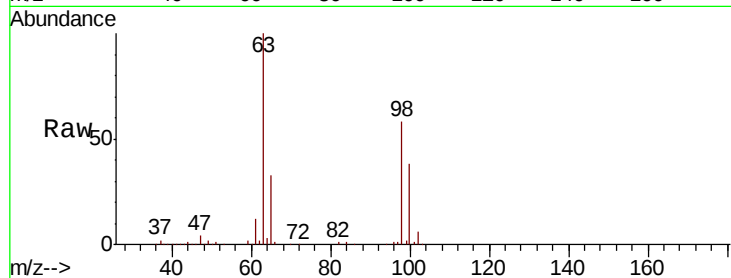
Tot Ion:101 Resp: 1271

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

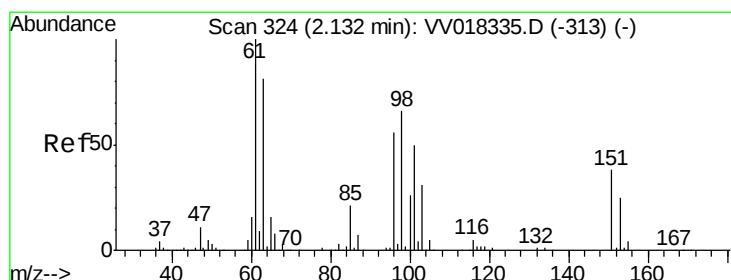
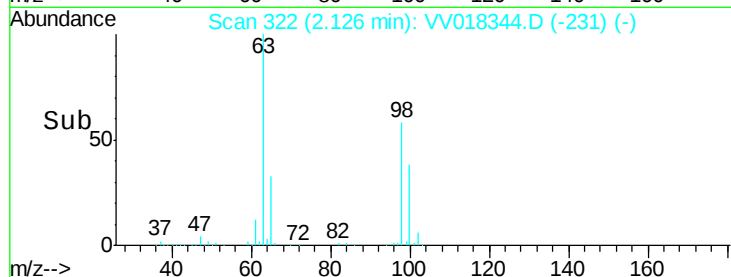
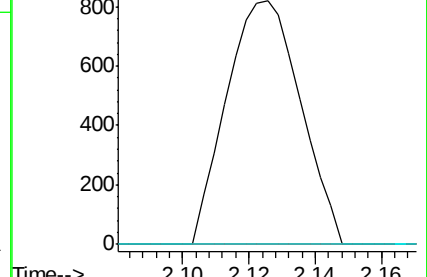
151 0.0 62.2 93.2#



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



#12

1,1-Dichloroethene

Concen: 1.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018344.D

Acq: 18 Sep 2020 23:46

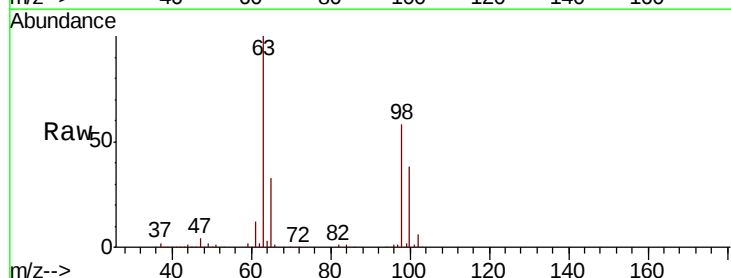
Tgt Ion: 96 Resp: 1931

Ion Ratio Lower Upper

96 100

61 970.1 122.9 228.3#

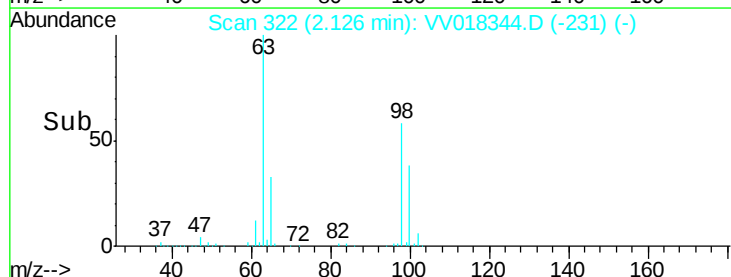
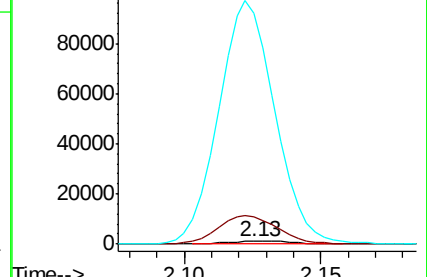
63 8228.8 91.9 170.7#

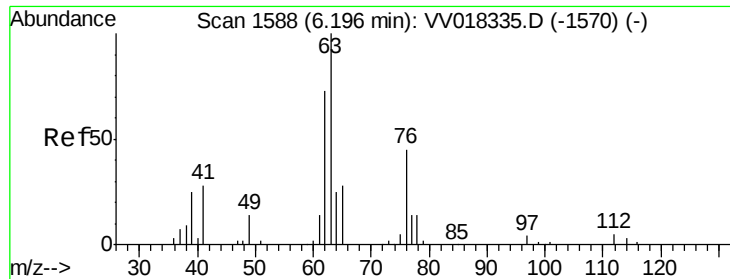


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

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Instrument :

MSVOA_V

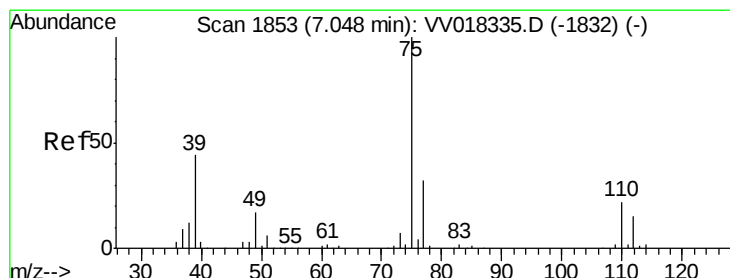
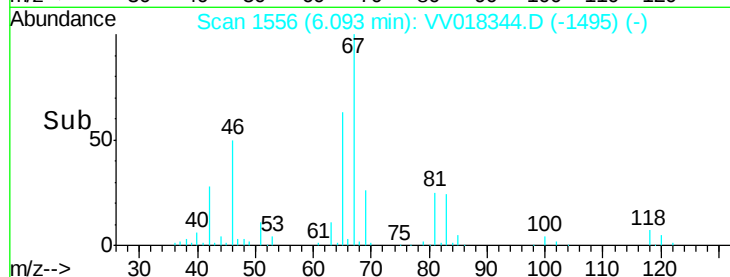
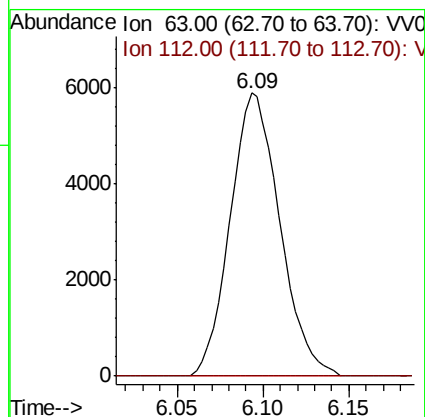
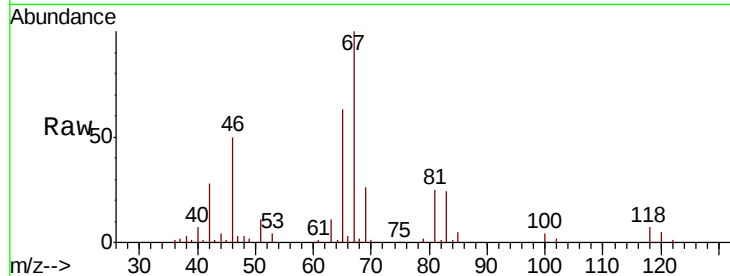
ClientSampleId :

Tot Ion: 63 Resp: 11772

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018344.D

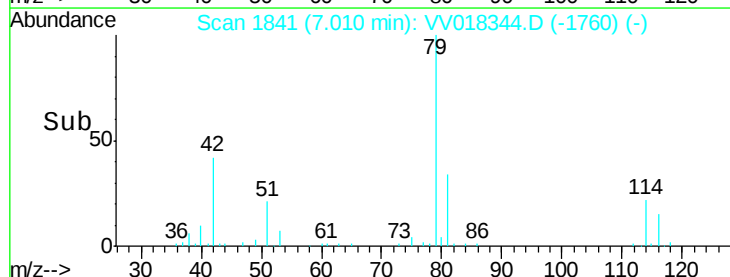
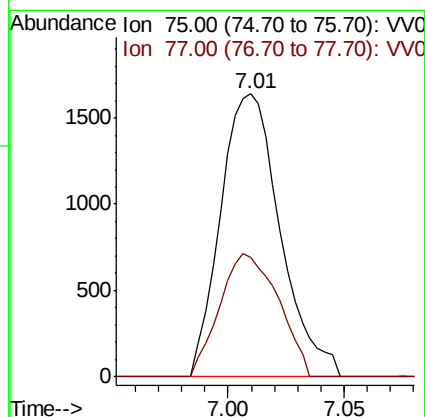
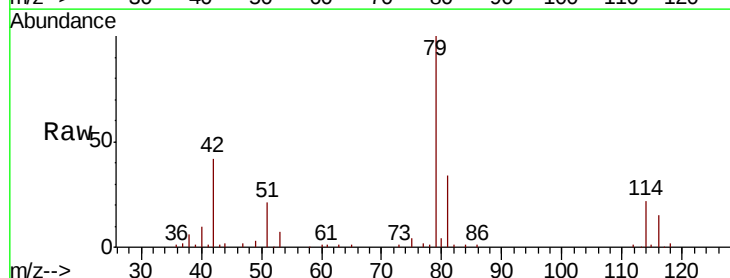
Acq: 18 Sep 2020 23:46

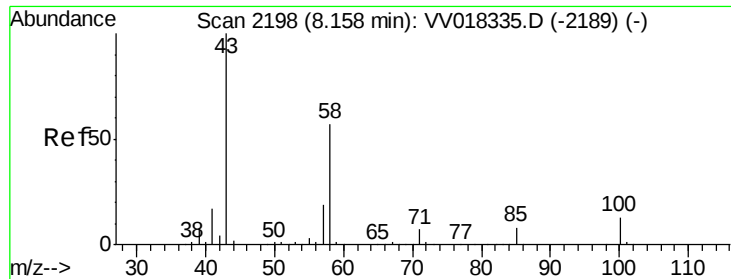
Tgt Ion: 75 Resp: 2934

Ion Ratio Lower Upper

75 100

77 42.3 22.3 41.3#

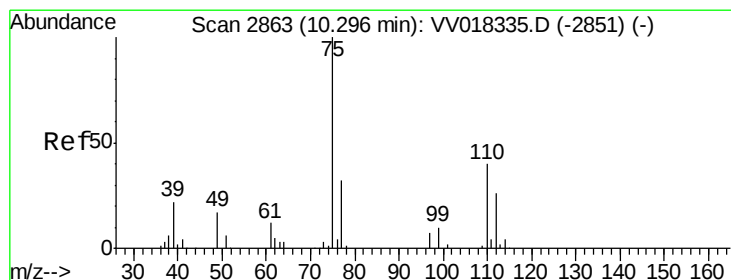
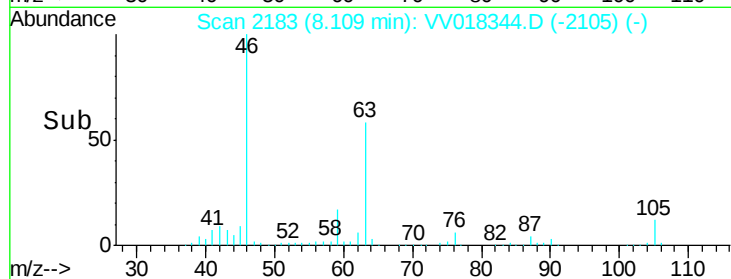
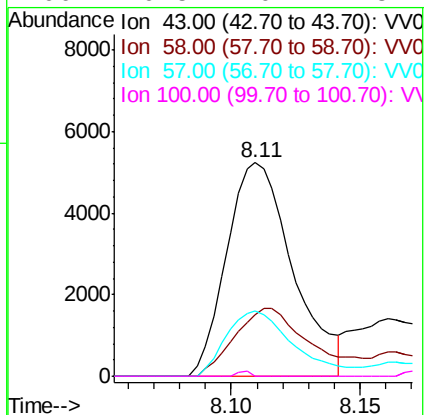
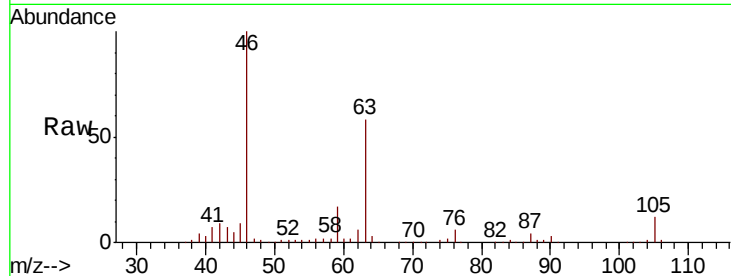




#48
2-Hexanone
Concen: 4.717 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018344.D
Acq: 18 Sep 2020 23:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9364
Ion Ratio Lower Upper
43 100
58 34.7 44.8 67.2#
57 31.0 15.8 23.6#
100 0.5 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.086 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018344.D
Acq: 18 Sep 2020 23:46

Tgt Ion: 75 Resp: 14857
Ion Ratio Lower Upper
75 100
77 36.6 25.8 38.6

