

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018278.D
 Acq On : 17 Sep 2020 14:58
 Operator : SY/MD
 Sample : L4066-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWs2

Quant Time: Sep 18 06:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259549	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92660	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.58	69	76446	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.12	63	131591	33.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.82%
21) 2-Butanone-d5	3.92	46	115707	89.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.37%
24) Chloroform-d	4.38	84	166853	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
26) 1,2-Dichloroethane-d4	5.06	65	110795	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.08	84	334293	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
36) 1,2-Dichloropropane-d6	6.09	67	107131	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.04%
41) Toluene-d8	7.34	98	297453	44.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.12%
43) trans-1,3-Dichloropropene-	7.64	79	51412	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	85346	95.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142653	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	127799	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

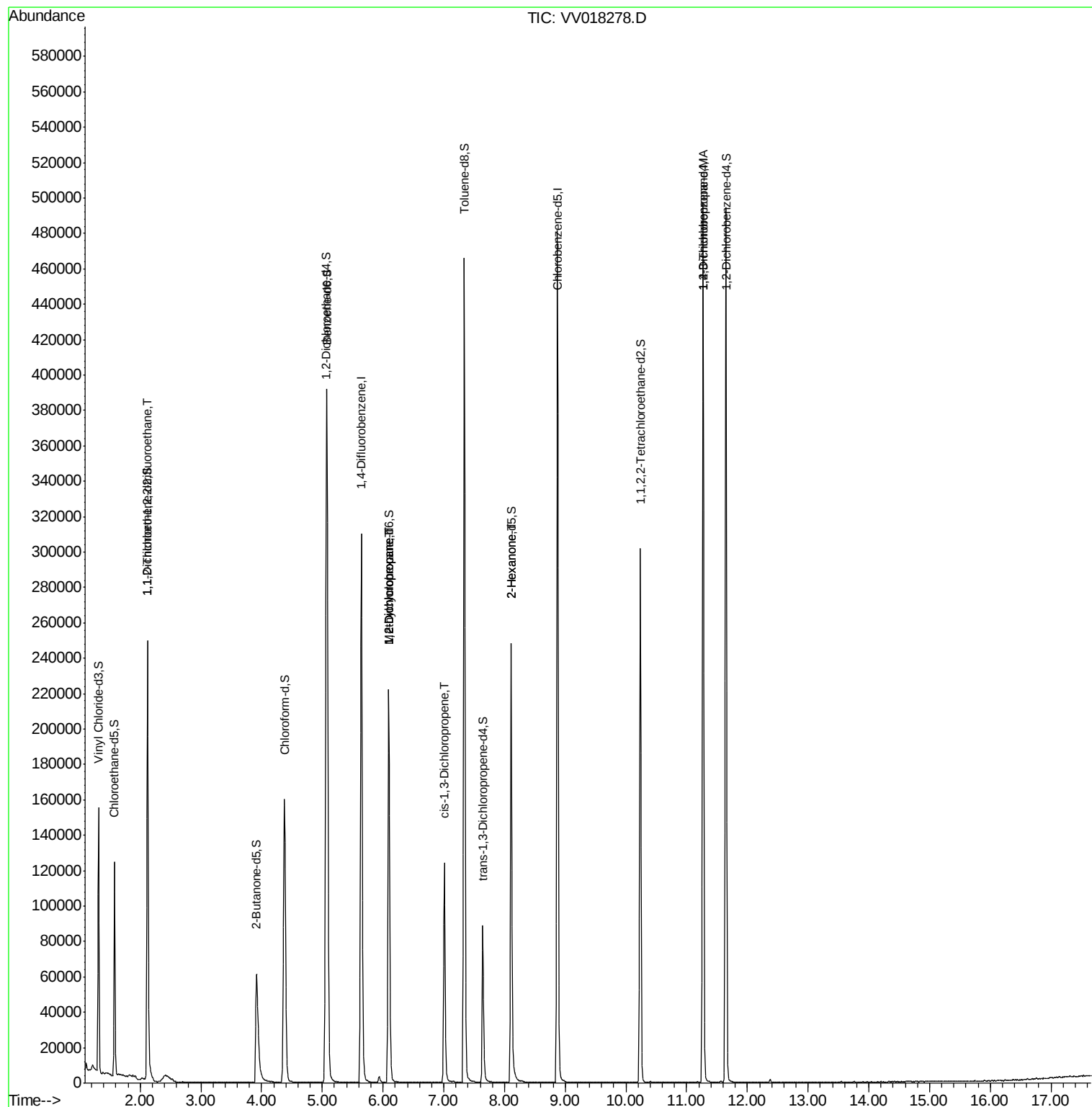
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1244	0.710 ug/L #	19
35) Methylcyclohexane	6.09	83	25694	8.467 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	12209	6.228 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2958	0.979 ug/L #	73
48) 2-Hexanone	8.11	43	10142	5.409 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	14052	6.094 ug/L #	88

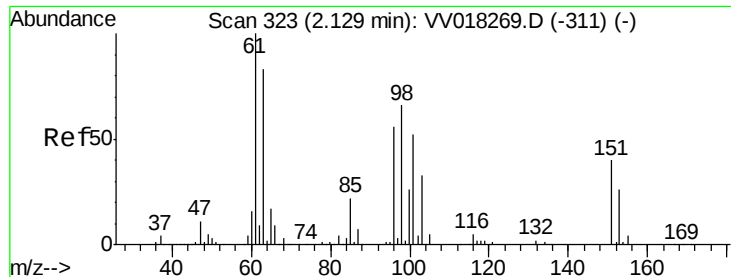
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.710 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018278.D

Acq: 17 Sep 2020 14:58

Instrument :

MSVOA_V

ClientSampleId :

BFWS2

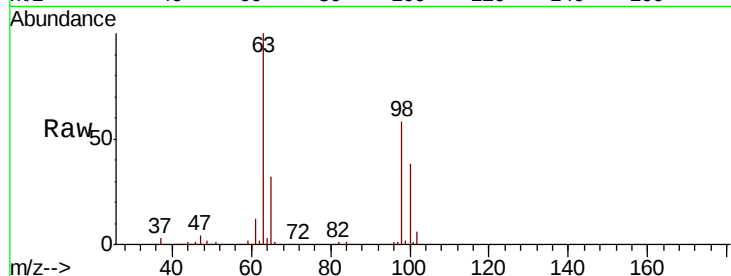
Tot Ion:101 Resp: 1244

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

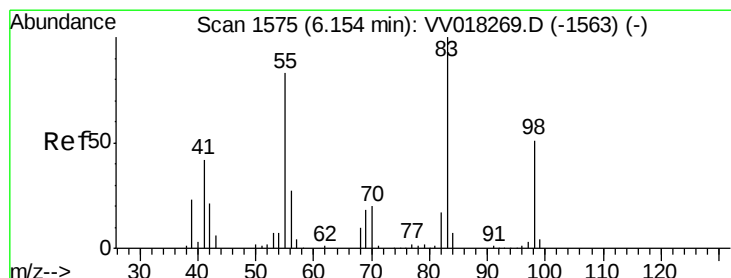
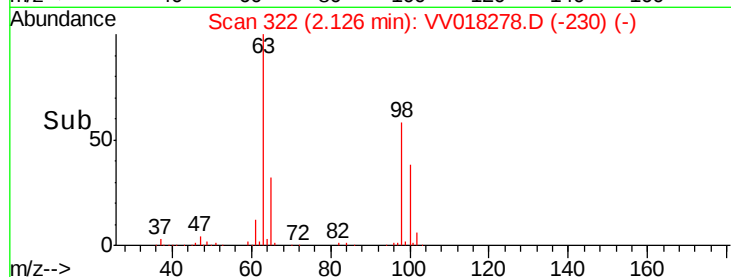
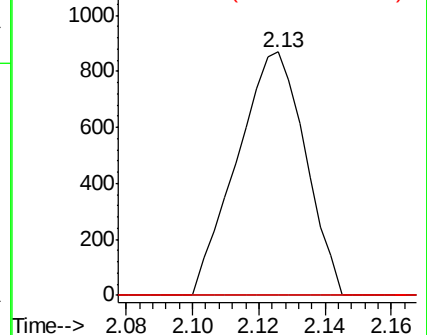
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 8.467 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018278.D

Acq: 17 Sep 2020 14:58

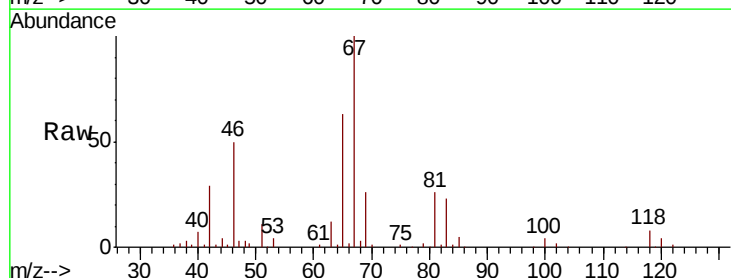
Tgt Ion: 83 Resp: 25694

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

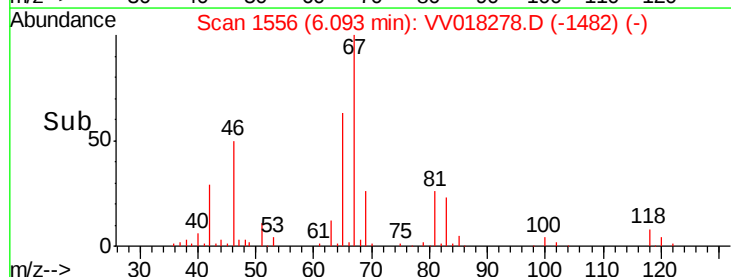
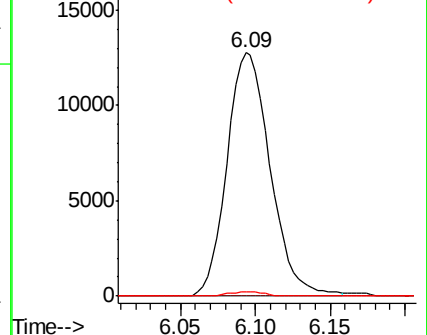
98 1.4 38.8 58.2#

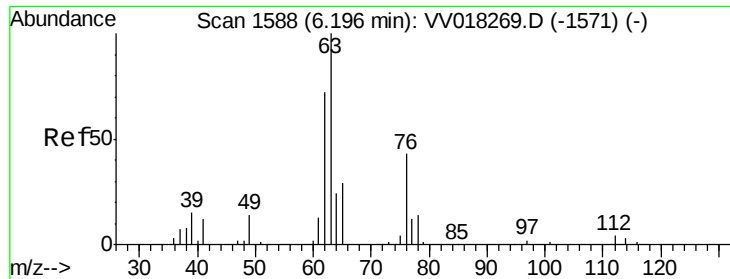


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

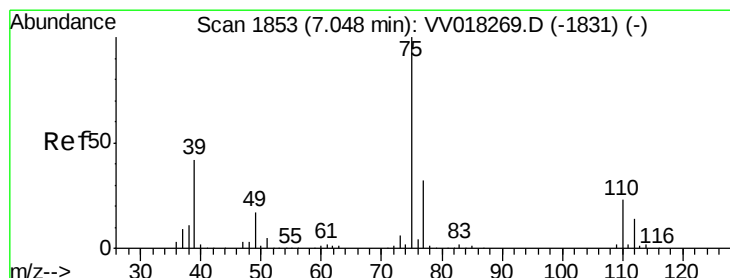
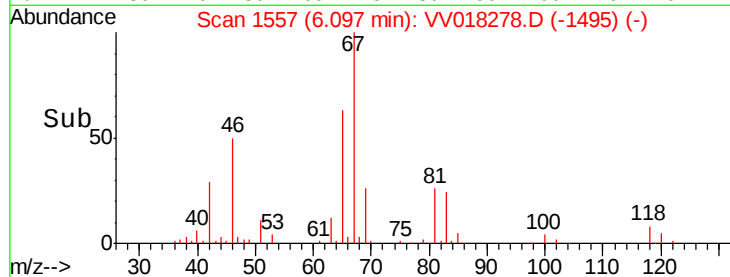
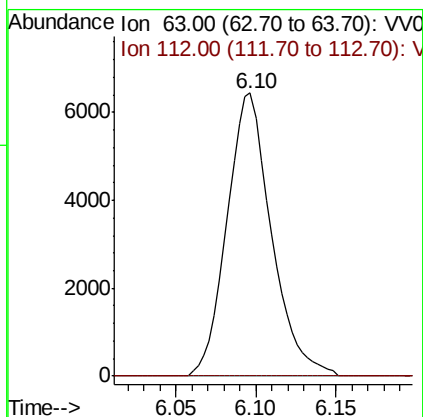
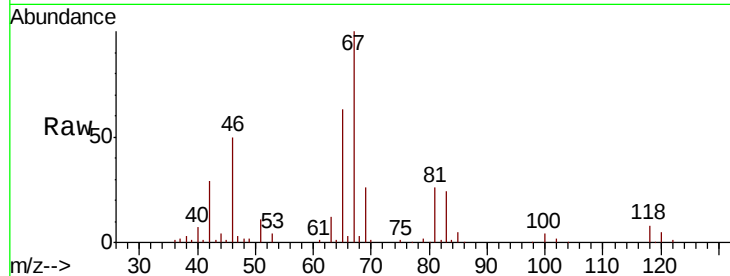




#37
 1,2-Dichloropropane
 Concen: 6.228 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018278.D
 Acq: 17 Sep 2020 14:58

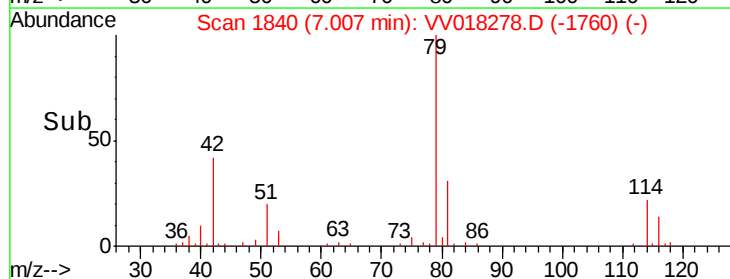
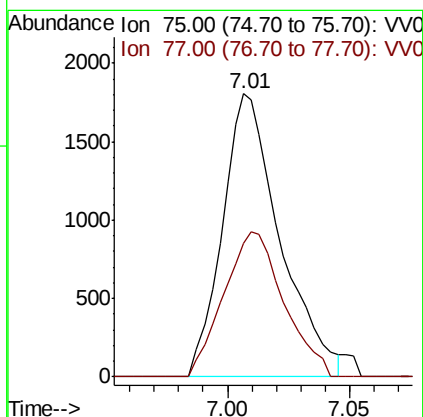
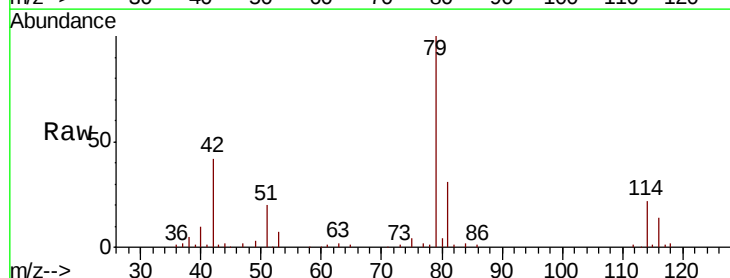
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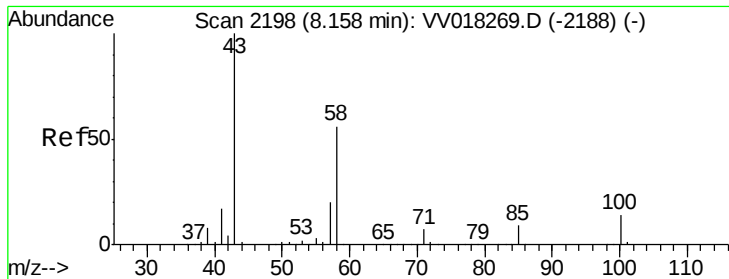
Tot Ion: 63 Resp: 12209
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.979 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018278.D
 Acq: 17 Sep 2020 14:58

Tgt Ion: 75 Resp: 2958
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.3 41.3#

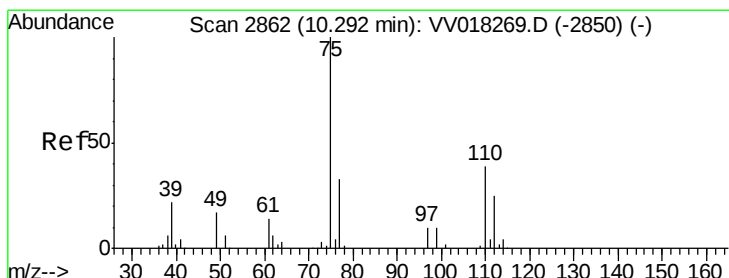
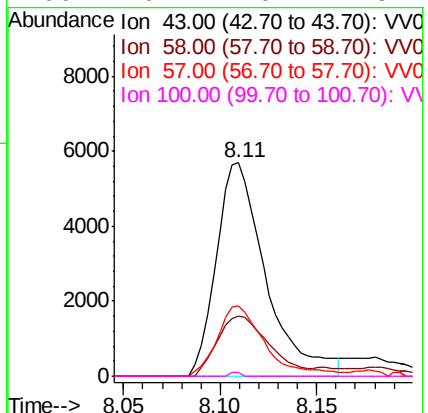
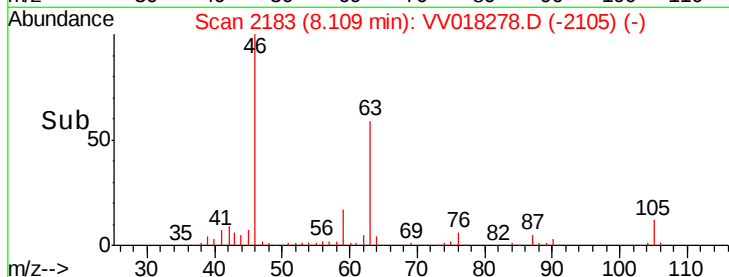
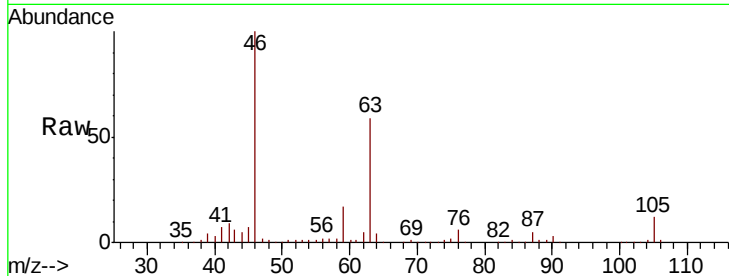




#48
 2-Hexanone
 Concen: 5.409 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018278.D
 Acq: 17 Sep 2020 14:58

Instrument :
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 BFWs2

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.8	67.2#
57	31.8	15.8	23.6#
100	0.4	10.2	15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.094 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018278.D
 Acq: 17 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.0	25.8	38.6#

