

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018211.D
 Acq On : 14 Sep 2020 18:05
 Operator : SY/MD
 Sample : L4012-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFW50

Quant Time: Sep 15 05:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275499	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276255	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133483	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83979	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	82003	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.26%
11) 1,1-Dichloroethene-d2	2.13	63	134216	32.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	3.91	46	144324	105.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	4.38	84	193896	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.06	65	130696	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.08	84	382455	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.09	67	127199	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.34	98	340827	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	7.64	79	61698	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.11	63	111390	117.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174672	55.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	149424	54.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.02%

Target Compounds

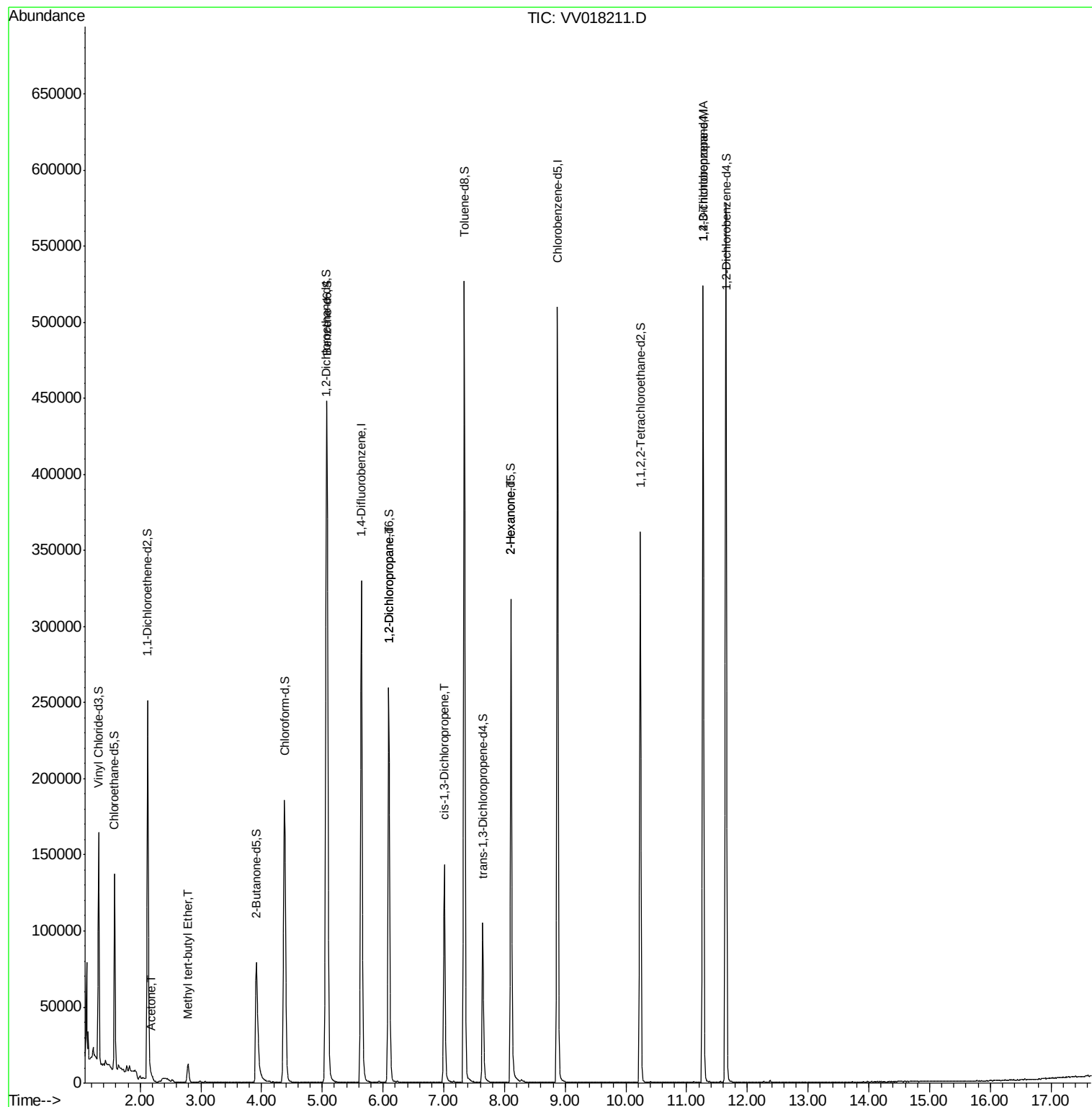
					Ovalue
13) Acetone	2.20	43	3967	3.605 ug/L	96
18) Methyl tert-butyl Ether	2.79	73	11527	1.999 ug/L	94
37) 1,2-Dichloropropane	6.09	63	14154	6.763 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3445	1.068 ug/L #	71
48) 2-Hexanone	8.11	43	12299	6.144 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	14797	6.011 ug/L #	88

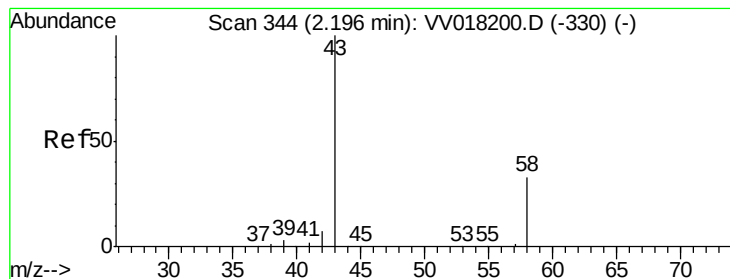
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 3.605 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018211.D

Acq: 14 Sep 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

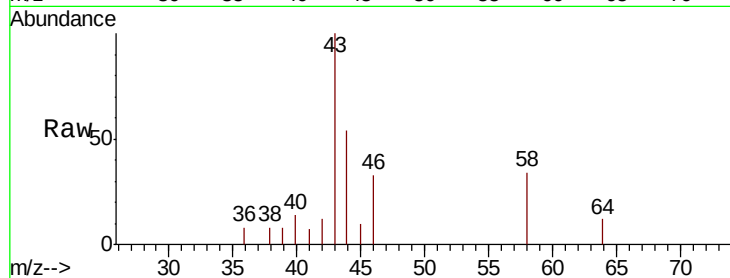
BFW50

Tot Ion: 43 Resp: 3967

Ion Ratio Lower Upper

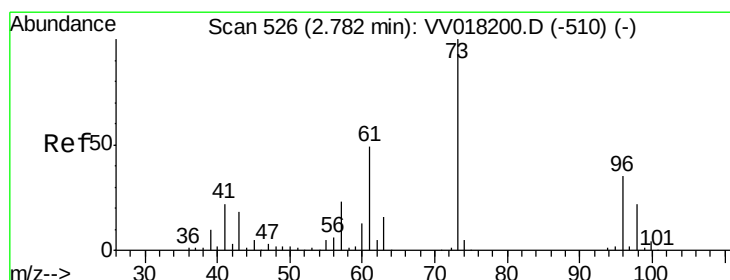
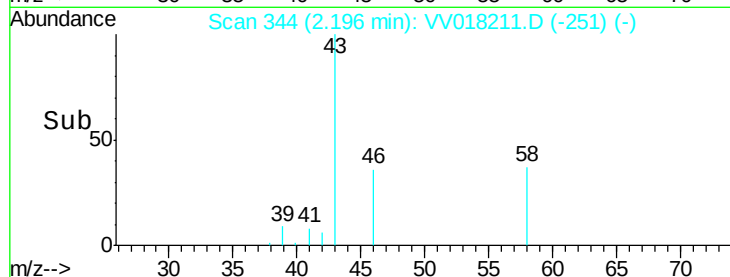
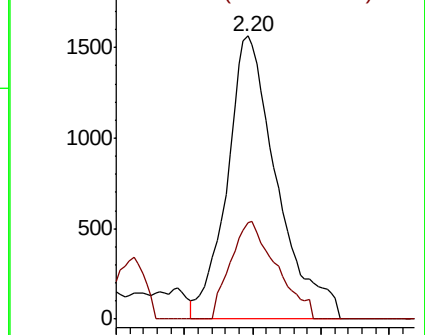
43 100

58 31.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#18

Methyl tert-butyl Ether

Concen: 1.999 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018211.D

Acq: 14 Sep 2020 18:05

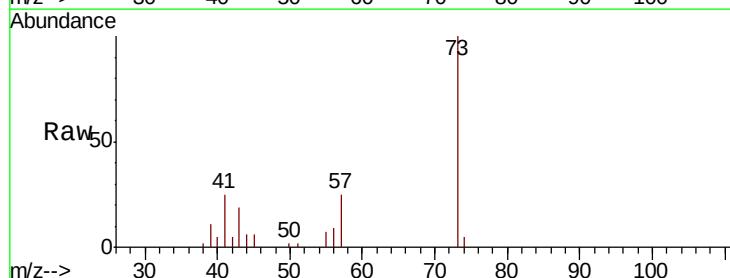
Tgt Ion: 73 Resp: 11527

Ion Ratio Lower Upper

73 100

43 21.3 15.4 23.0

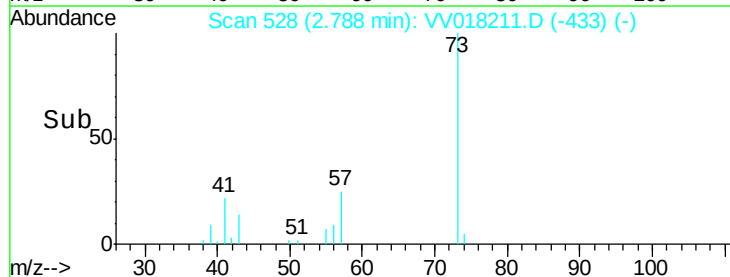
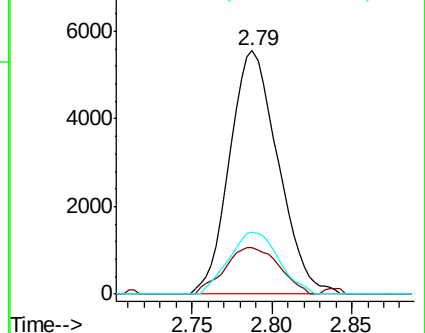
57 26.2 18.0 27.0

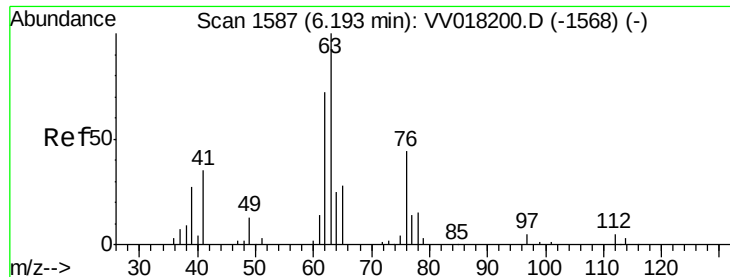


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

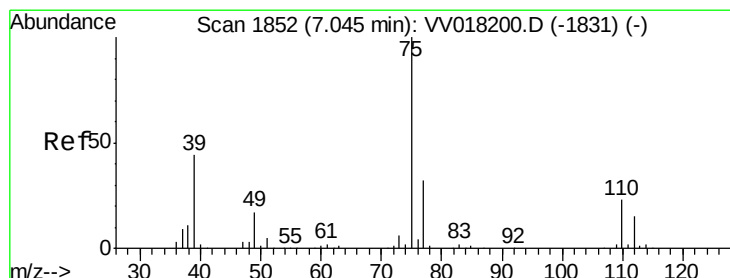
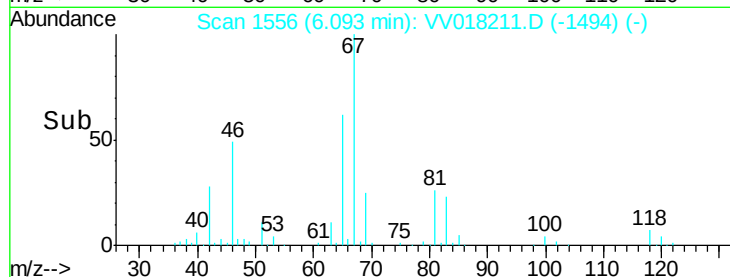
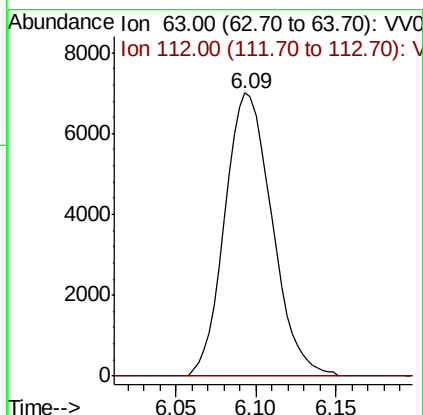
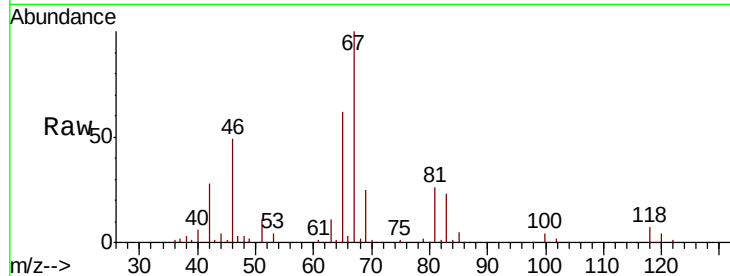




#37
 1,2-Dichloropropane
 Concen: 6.763 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018211.D
 Acq: 14 Sep 2020 18:05

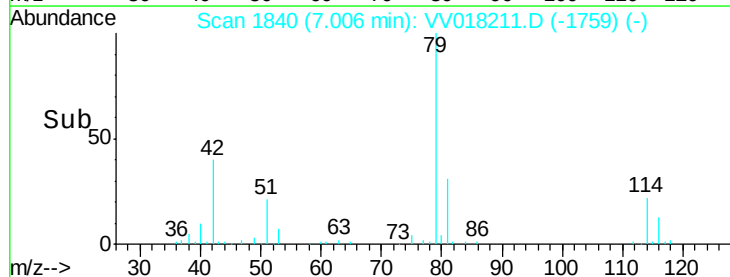
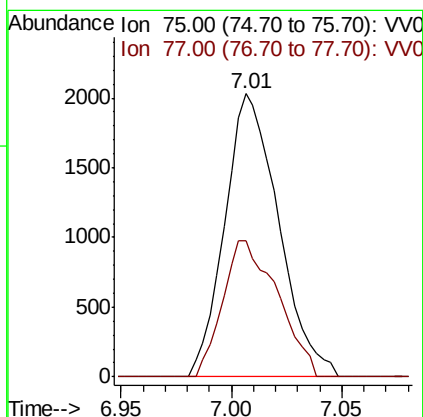
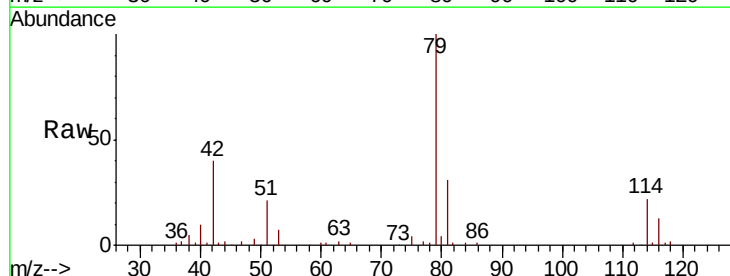
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWS0

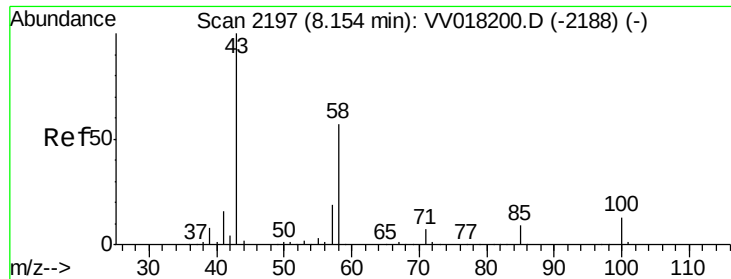
Tot Ion: 63 Resp: 14154
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.068 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018211.D
 Acq: 14 Sep 2020 18:05

Tgt Ion: 75 Resp: 3445
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.3#





#48

2-Hexanone

Concen: 6.144 ug/L

RT: 8.11 min Scan# 2182

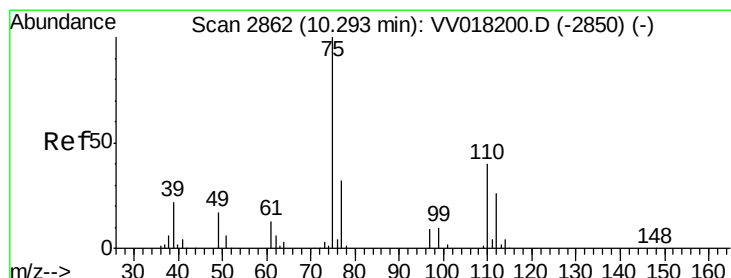
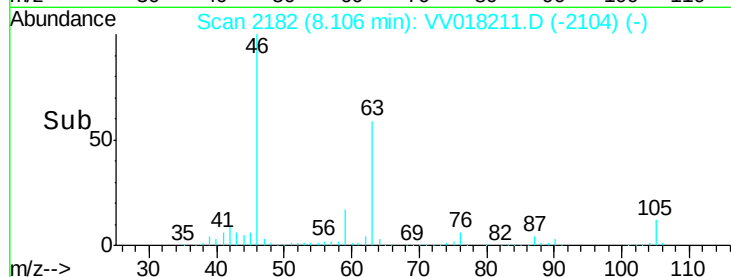
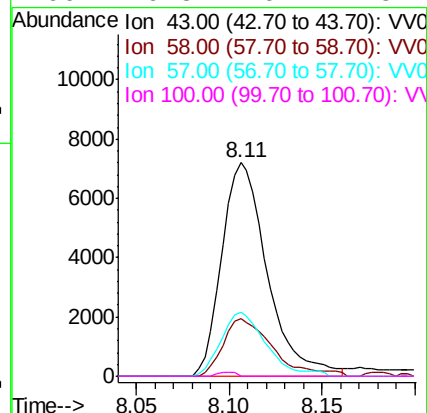
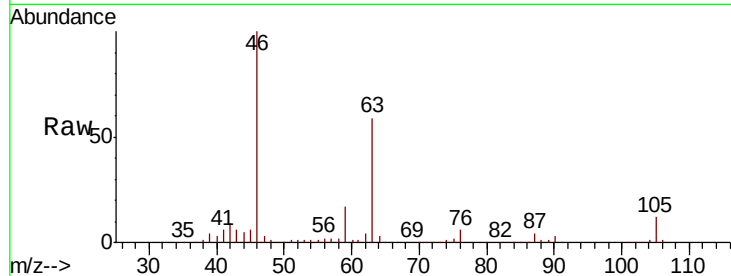
Delta R.T. -0.05 min

Lab File: VV018211.D

Acq: 14 Sep 2020 18:05

Instrument :
MSVOA_V
ClientSampled :
BFS0

Tot Ion:	43	Resp:	12299
Ion	Ratio	Lower	Upper
43	100		
58	28.4	44.8	67.2#
57	28.9	15.8	23.6#
100	0.8	10.2	15.4#



#59

1,2,3-Trichloropropane

Concen: 6.011 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018211.D

Acq: 14 Sep 2020 18:05

Tgt Ion:	75	Resp:	14797
Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.8	38.6#

