

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018222.D
 Acq On : 15 Sep 2020 15:18
 Operator : SY/MD
 Sample : L4012-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWW0

Quant Time: Sep 16 05:47:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271736	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	269451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79627	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.92%
7) Chloroethane-d5	1.58	69	75944	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.82%
11) 1,1-Dichloroethene-d2	2.12	63	128170	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
21) 2-Butanone-d5	3.90	46	129053	95.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.21%
24) Chloroform-d	4.37	84	182736	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.05	65	121073	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.07	84	354822	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.09	67	117337	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.34	98	318988	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	7.64	79	56772	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.11	63	97017	104.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	159240	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	141241	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

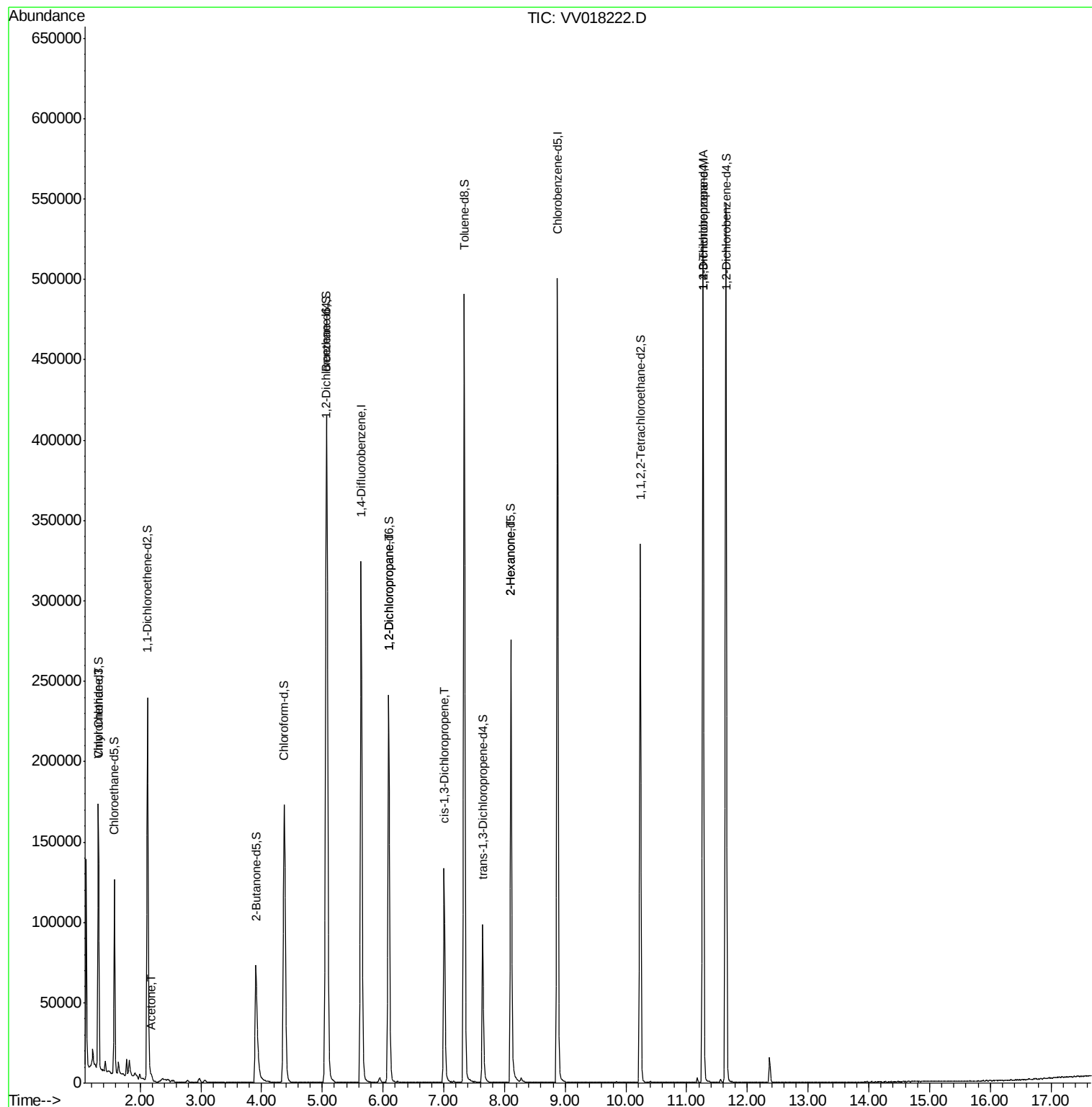
					Ovalue
3) Chloromethane	1.30	50	1497	0.692 ug/L	83
13) Acetone	2.19	43	3824	3.523 ug/L	70
37) 1,2-Dichloropropane	6.09	63	12850	6.295 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3251	1.034 ug/L #	73
48) 2-Hexanone	8.11	43	10806	5.534 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	14743	6.140 ug/L #	88

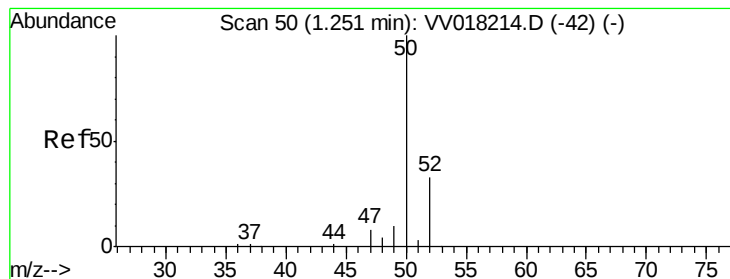
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.692 ug/L

RT: 1.30 min Scan# 66

Delta R.T. 0.05 min

Lab File: VV018222.D

Acq: 15 Sep 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

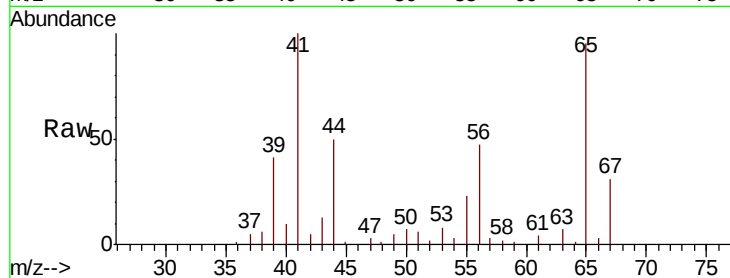
BFWW0

Tot Ion: 50 Resp: 1497

Ion Ratio Lower Upper

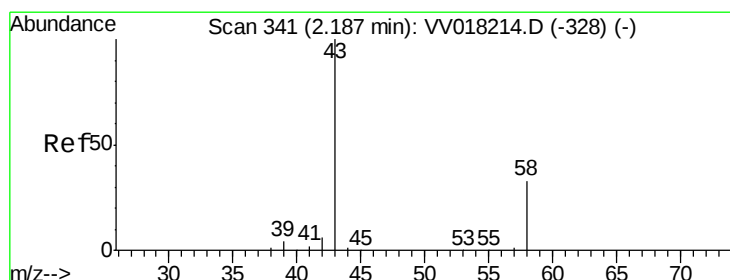
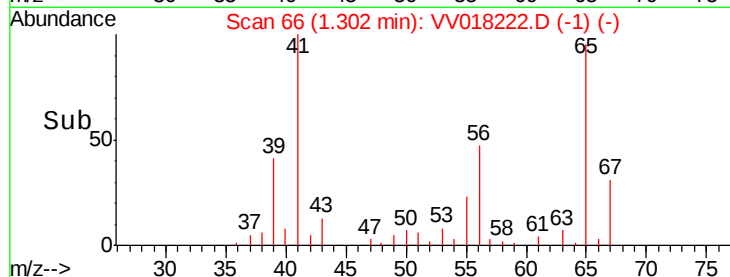
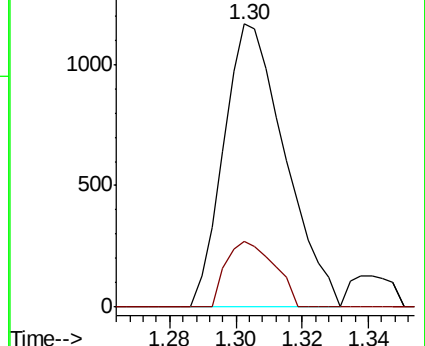
50 100

52 23.2 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 3.523 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018222.D

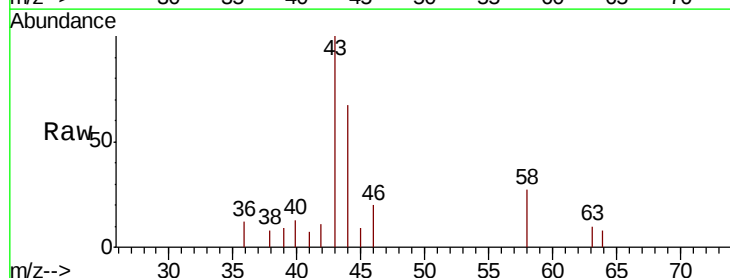
Acq: 15 Sep 2020 15:18

Tgt Ion: 43 Resp: 3824

Ion Ratio Lower Upper

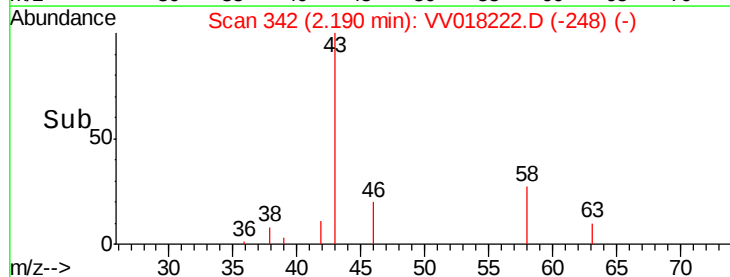
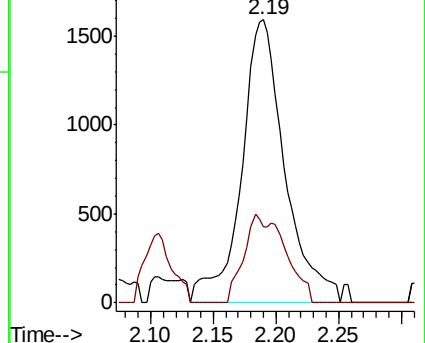
43 100

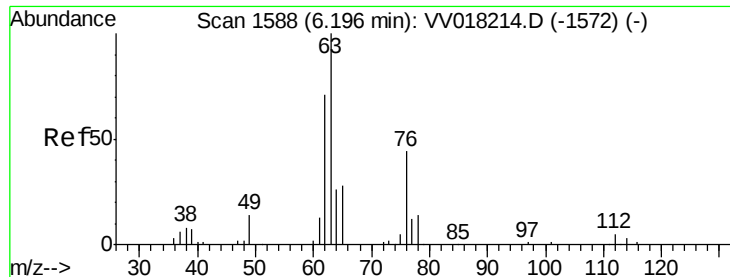
58 16.5 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

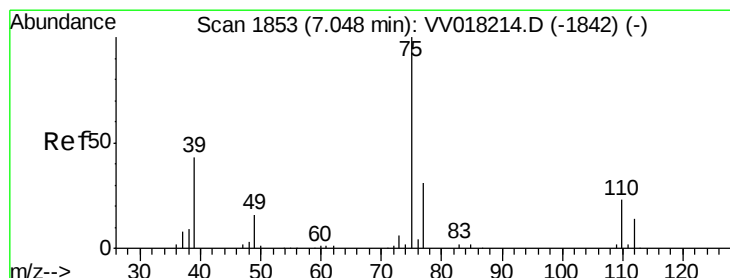
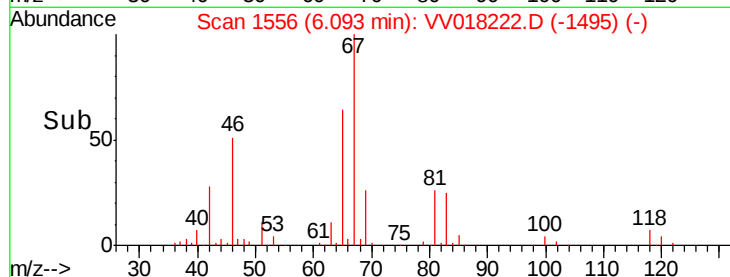
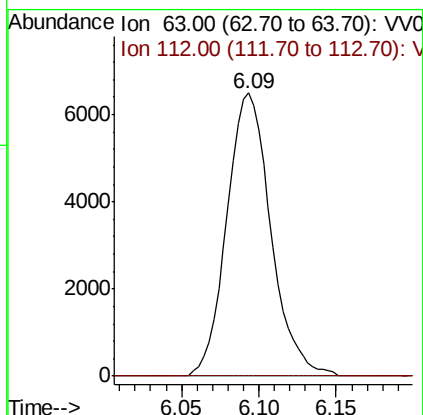
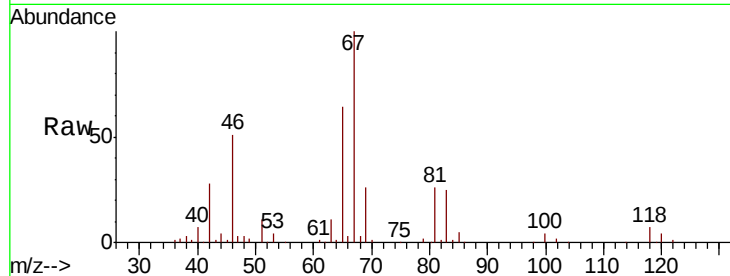




#37
 1,2-Dichloropropane
 Concen: 6.295 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018222.D
 Acq: 15 Sep 2020 15:18

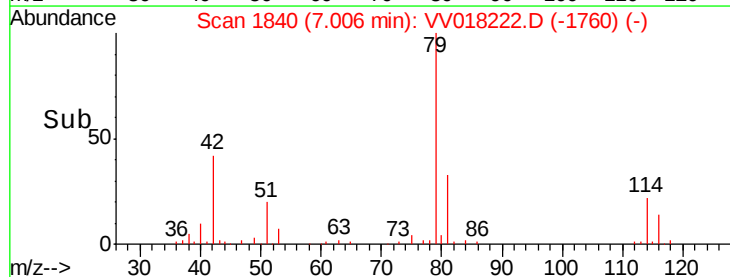
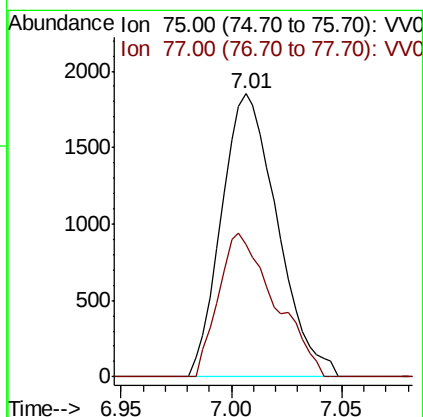
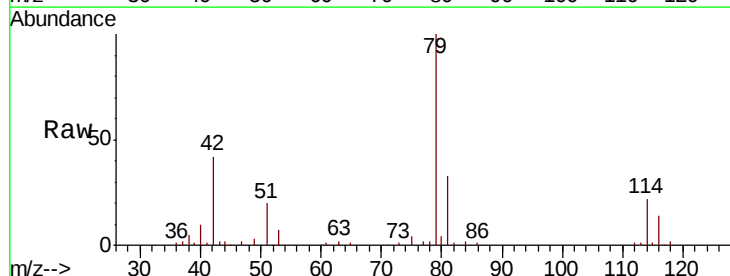
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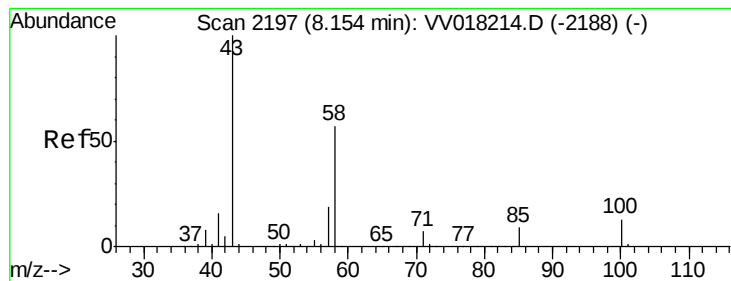
Tot Ion: 63 Resp: 12850
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.034 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018222.D
 Acq: 15 Sep 2020 15:18

Tgt Ion: 75 Resp: 3251
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.3 41.3#





#48

2-Hexanone

Concen: 5.534 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV018222.D

Acq: 15 Sep 2020 15:18

Instrument :
MSVOA_V
ClientSampleId :
BFWW0

Tot Ion: 43 Resp: 10806

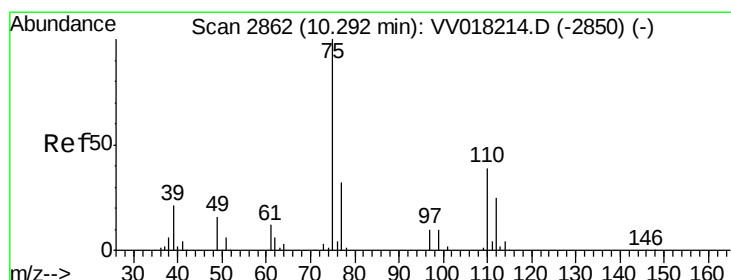
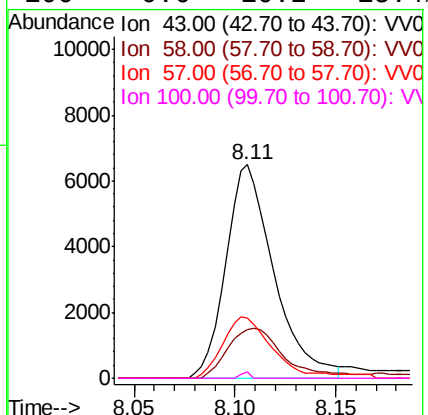
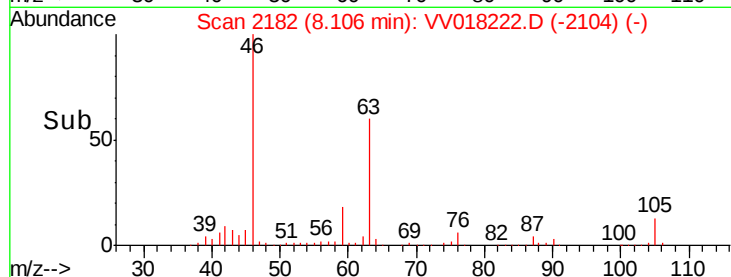
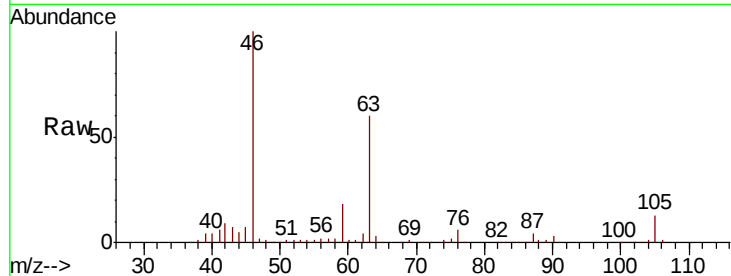
Ion Ratio Lower Upper

43 100

58 27.5 44.8 67.2#

57 29.4 15.8 23.6#

100 0.6 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.140 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018222.D

Acq: 15 Sep 2020 15:18

Tgt Ion: 75 Resp: 14743

Ion Ratio Lower Upper

75 100

77 38.9 25.8 38.6#

