

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018202.D
 Acq On : 14 Sep 2020 14:43
 Operator : SY/MD
 Sample : L4012-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ7

Quant Time: Sep 15 05:28:38 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	289389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98270	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.34%
7) Chloroethane-d5	1.58	69	90829	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.14%
11) 1,1-Dichloroethene-d2	2.12	63	150938	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	3.91	46	149506	103.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.57%
24) Chloroform-d	4.37	84	203923	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.05	65	134943	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.07	84	400015	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
36) 1,2-Dichloropropane-d6	6.09	67	131552	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.33	98	355999	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.64	79	63900	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.26%
47) 2-Hexanone-d5	8.11	63	113251	113.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.24%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	178602	53.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	154473	52.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

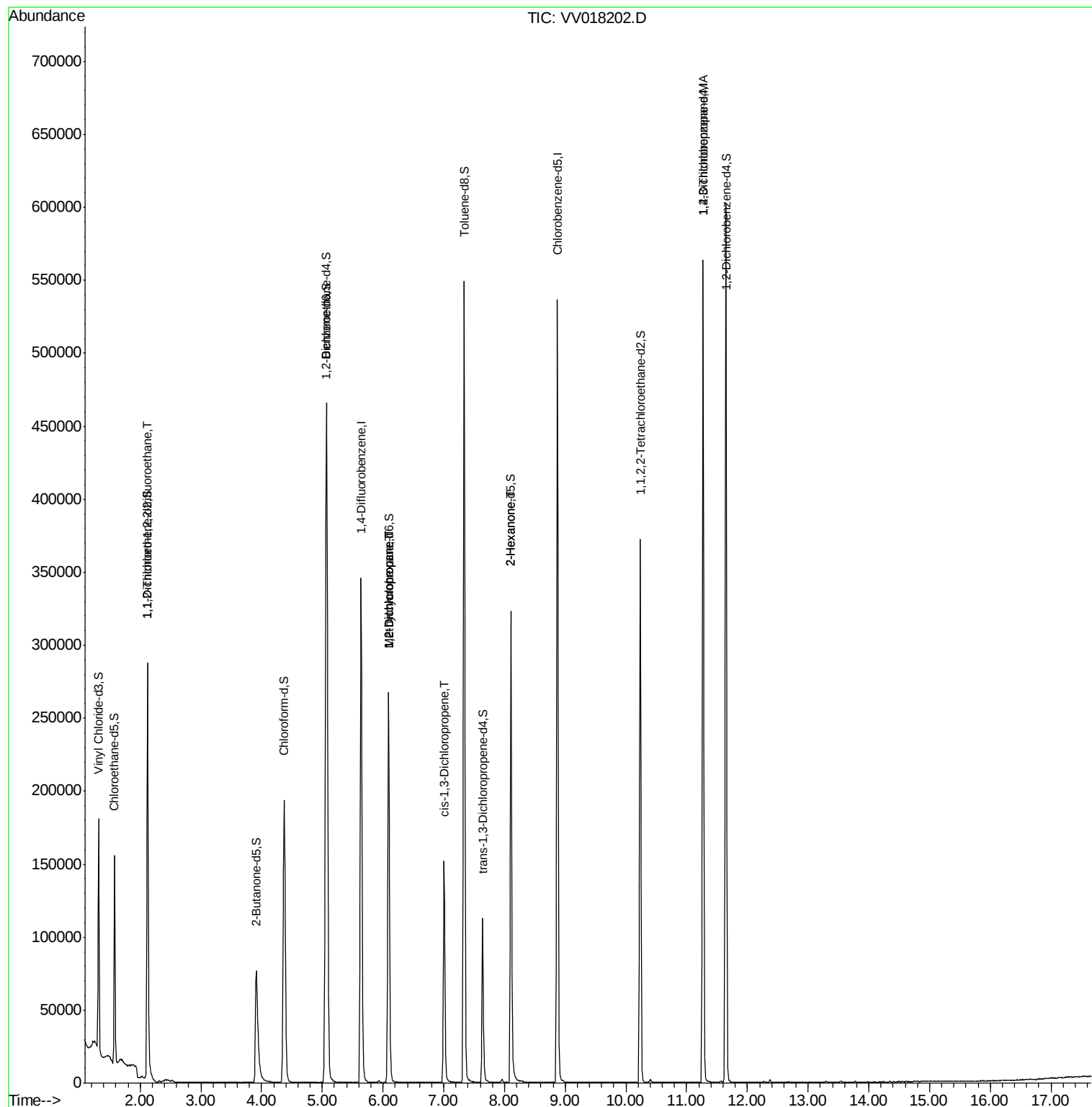
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1428	0.731 ug/L #	19
35) Methylcyclohexane	6.09	83	31072	9.128 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	14319	6.511 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	3657	1.079 ug/L #	62
48) 2-Hexanone	8.11	43	12554	5.969 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	16325	6.311 ug/L	92

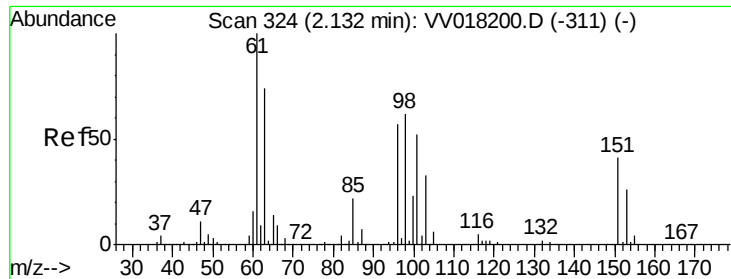
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.731 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018202.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

BFWZ7

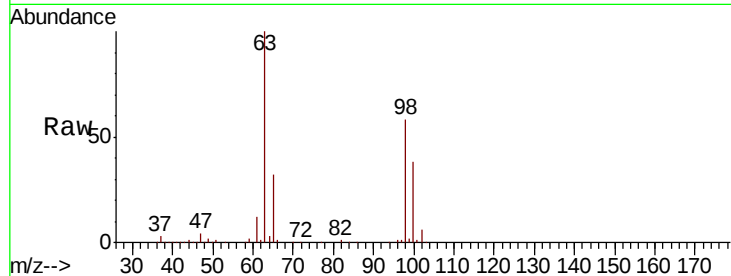
Tot Ion:101 Resp: 1428

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

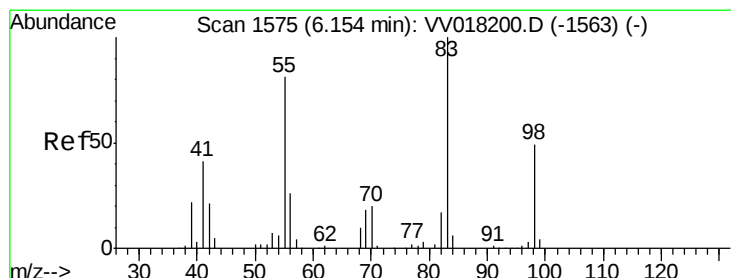
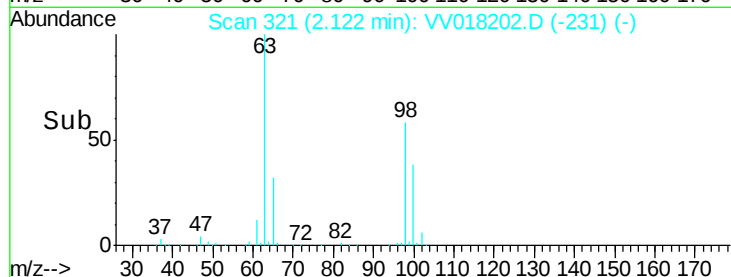
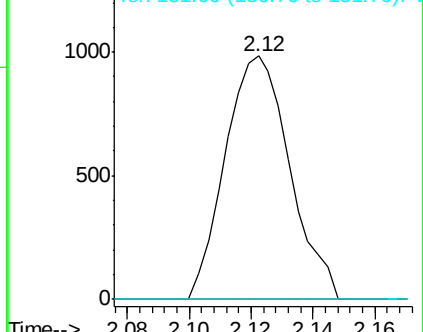
151 0.0 62.2 93.2#



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: 9.128 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV018202.D

Acq: 14 Sep 2020 14:43

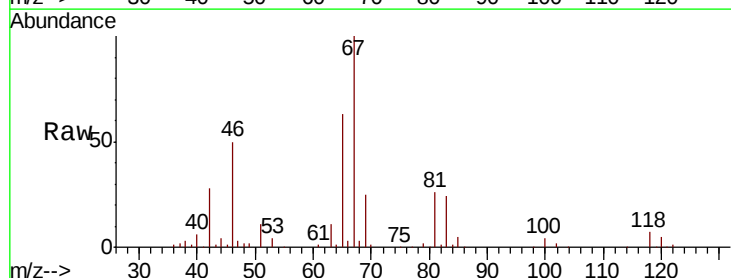
Tgt Ion: 83 Resp: 31072

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

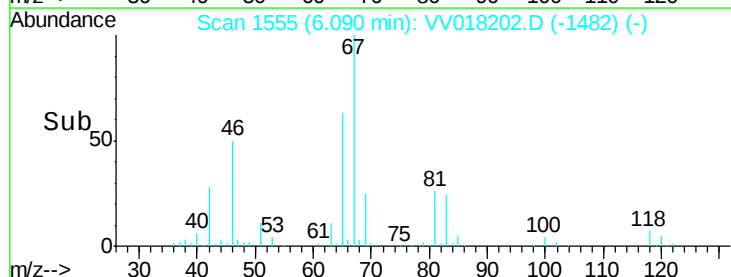
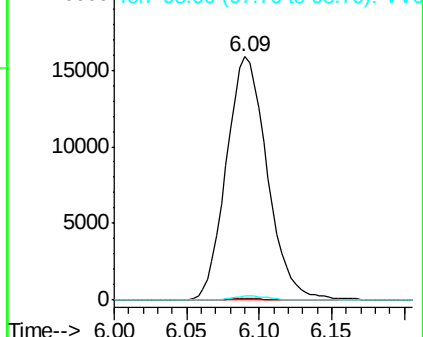
98 1.4 38.8 58.2#

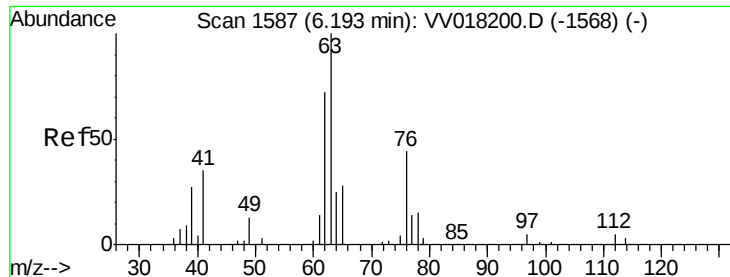


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 6.511 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV018202.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

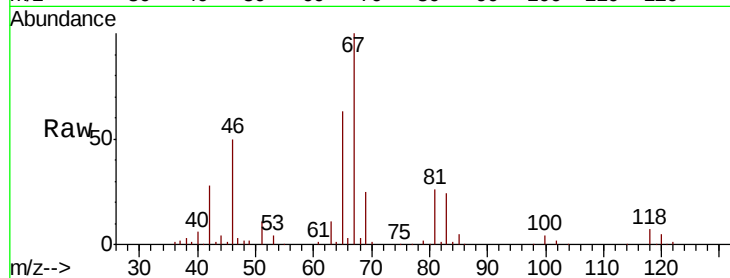
BFWZ7

Tot Ion: 63 Resp: 14319

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018202.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018202.D (-1568) (-)

8000

6000

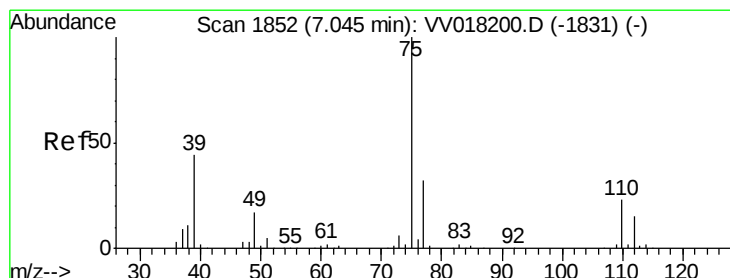
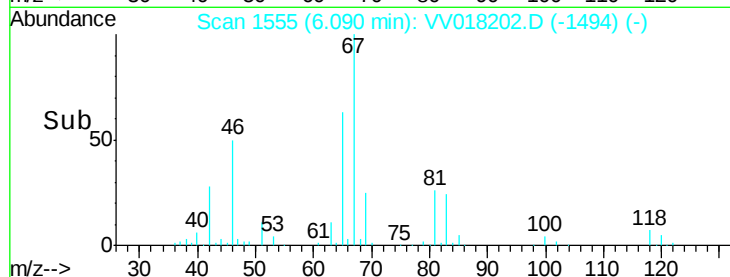
4000

2000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.079 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV018202.D

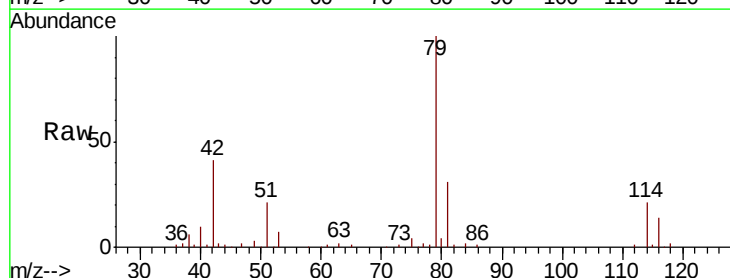
Acq: 14 Sep 2020 14:43

Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 52.7 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018202.D (-1759) (-)

Ion 77.00 (76.70 to 77.70): VV018202.D (-1759) (-)

2000

1500

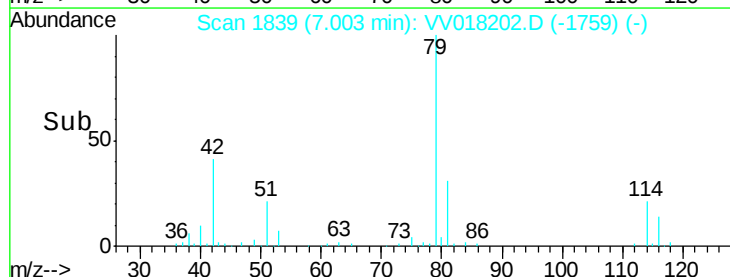
1000

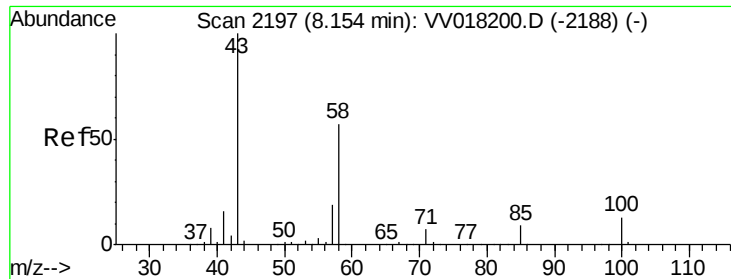
500

0

6.95 7.00 7.05

Time-->





#48

2-Hexanone

Concen: 5.969 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV018202.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

BFWZ7

Tot Ion: 43 Resp: 12554

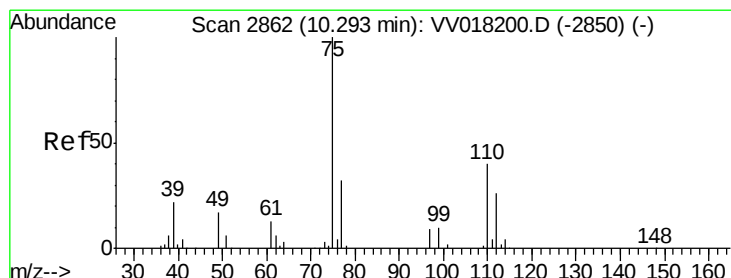
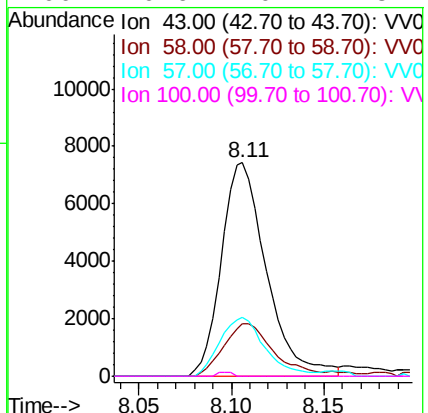
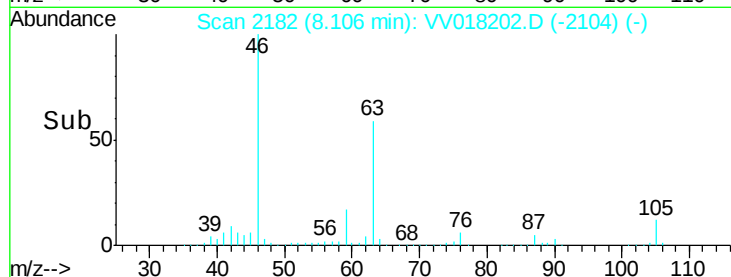
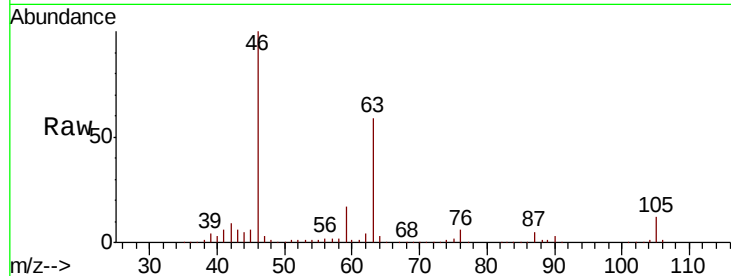
Ion Ratio Lower Upper

43 100

58 27.2 44.8 67.2#

57 27.5 15.8 23.6#

100 0.6 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.311 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018202.D

Acq: 14 Sep 2020 14:43

Tgt Ion: 75 Resp: 16325

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

