

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018334.D
 Acq On : 18 Sep 2020 19:38
 Operator : SY/MD
 Sample : L4066-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271147	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128934	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99332	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.90%
7) Chloroethane-d5	1.58	69	82270	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	140763	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	3.92	46	116358	86.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.03%
24) Chloroform-d	4.38	84	173428	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	5.06	65	116396	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.08	84	351596	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.09	67	111166	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.12%
41) Toluene-d8	7.34	98	310905	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.64	79	51716	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
47) 2-Hexanone-d5	8.11	63	78897	84.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137273	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	129163	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

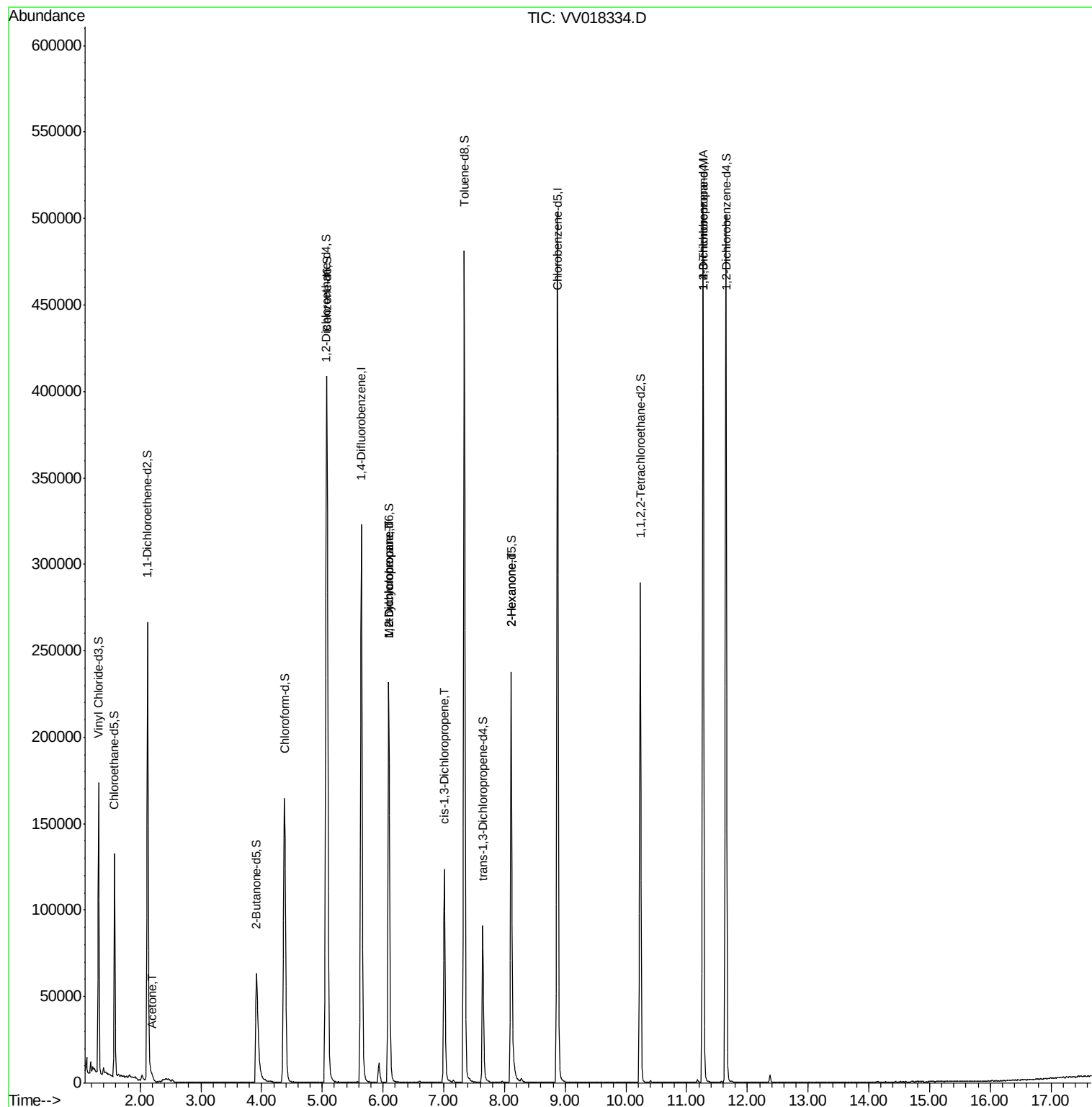
					Ovalue
13) Acetone	2.20	43	4321	3.990 ug/L	77
35) Methylcyclohexane	6.09	83	27761	8.728 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12018	5.848 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3100	0.979 ug/L #	68
48) 2-Hexanone	8.11	43	9673	4.921 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	14711	6.086 ug/L	94

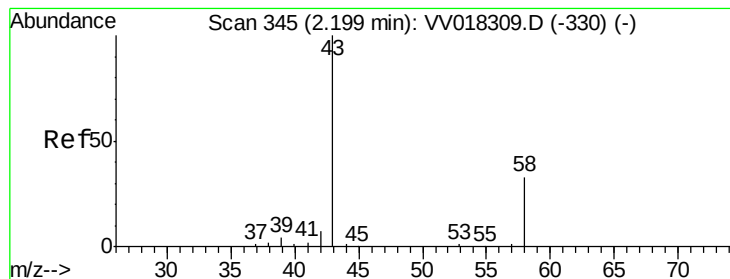
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 19 01:35:10 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.990 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018334.D

Acq: 18 Sep 2020 19:38

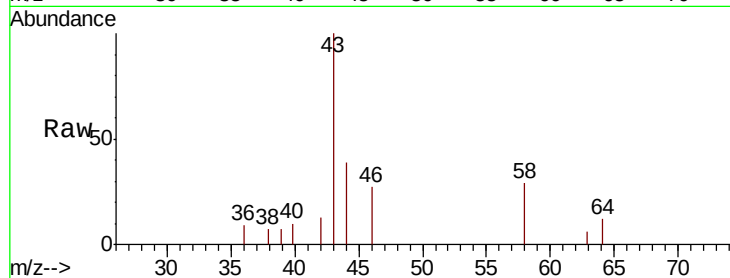
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4321

Ion Ratio Lower Upper

43 100

58 20.7 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018334.D (-252) (-)

Ion 58.00 (57.70 to 58.70): VV018334.D (-252) (-)

2.20

1500

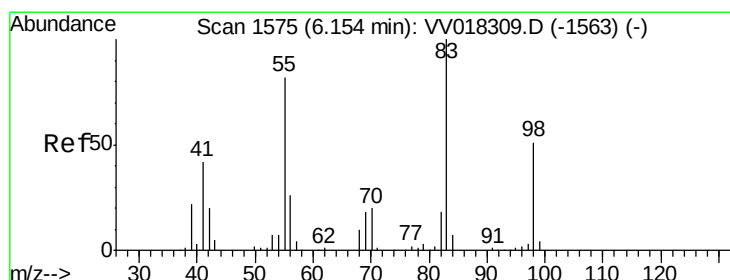
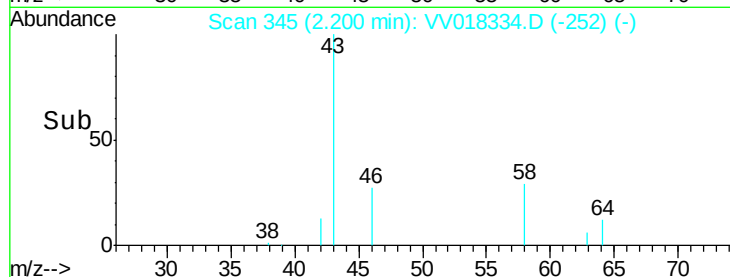
1000

500

0

Time-->

2.15 2.20 2.25



#35

Methylcyclohexane

Concen: 8.728 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018334.D

Acq: 18 Sep 2020 19:38

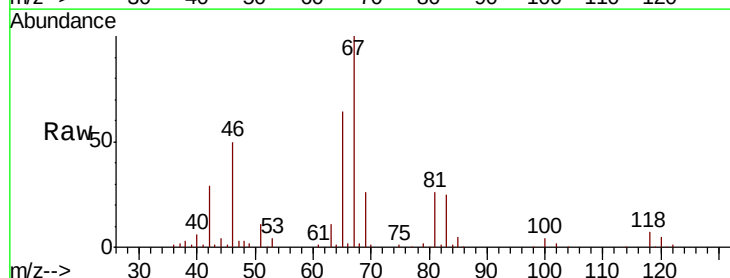
Tgt Ion: 83 Resp: 27761

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

98 1.1 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV018334.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018334.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018334.D (-1482) (-)

6.09

15000

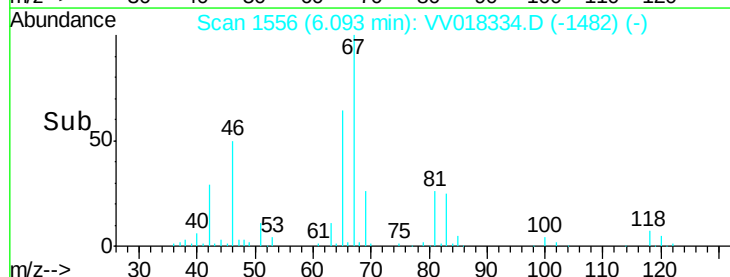
10000

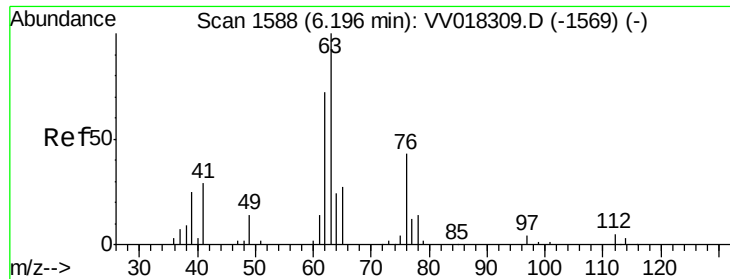
5000

0

Time-->

6.05 6.10 6.15

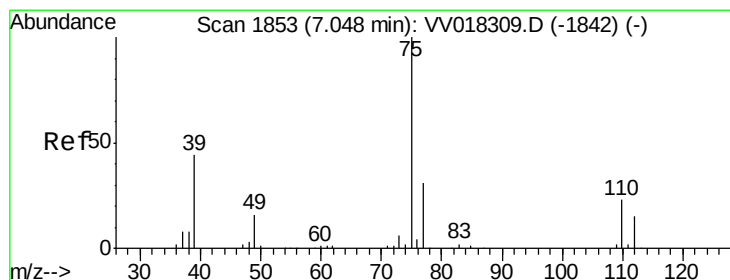
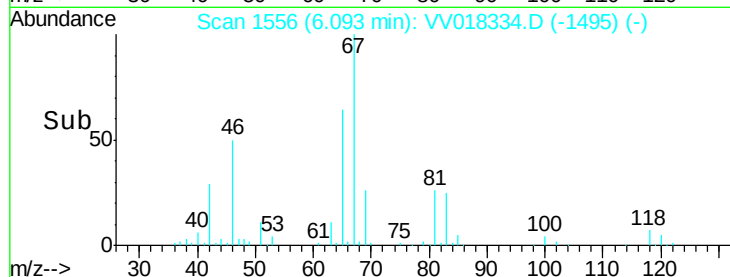
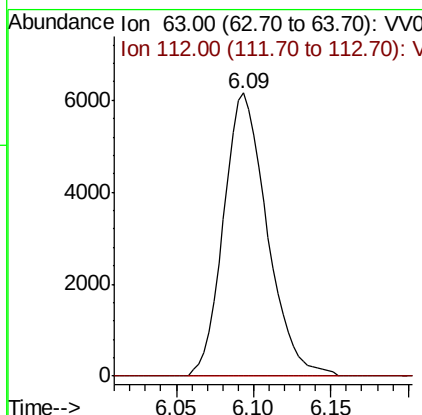
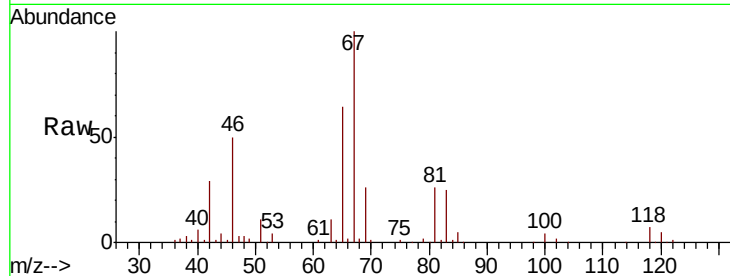




#37
 1,2-Dichloropropane
 Concen: 5.848 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018334.D
 Acq: 18 Sep 2020 19:38

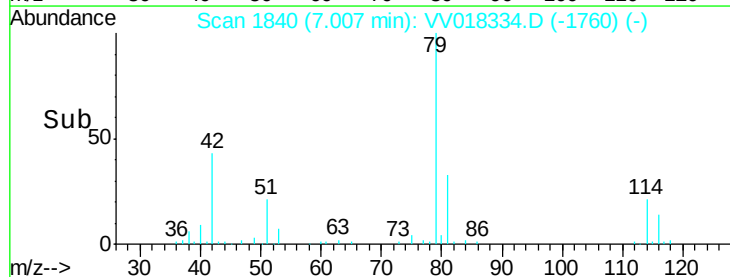
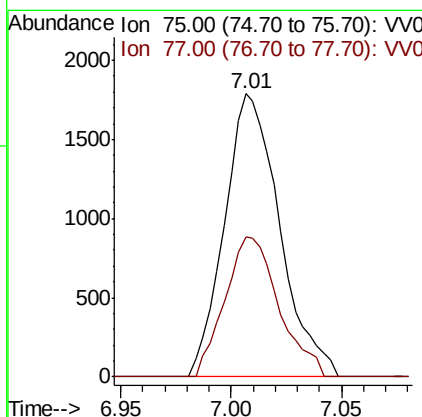
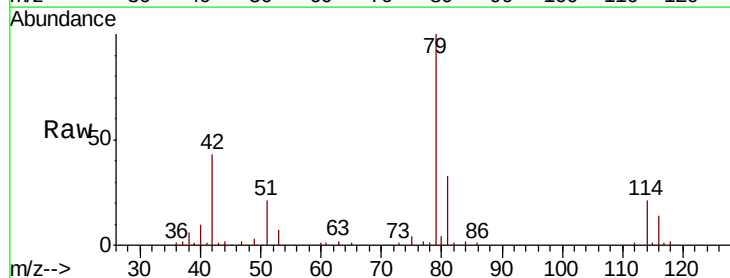
Instrument :
 MSVOA_V
 ClientSampleId :

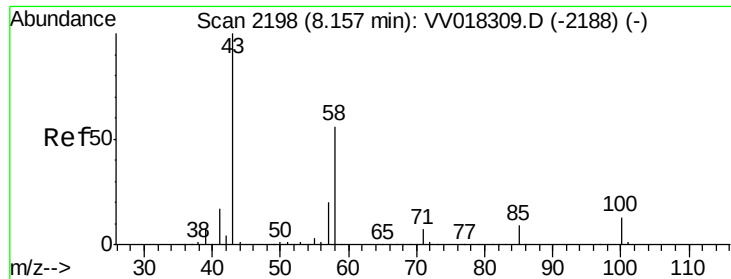
Tot Ion: 63 Resp: 12018
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.979 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018334.D
 Acq: 18 Sep 2020 19:38

Tgt Ion: 75 Resp: 3100
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.3 41.3#





#48

2-Hexanone

Concen: 4.921 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018334.D

Acq: 18 Sep 2020 19:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9673

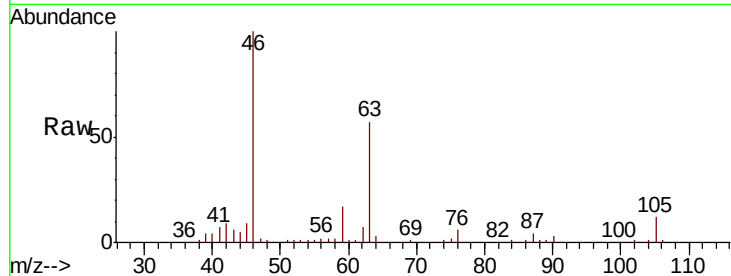
Ion Ratio Lower Upper

43 100

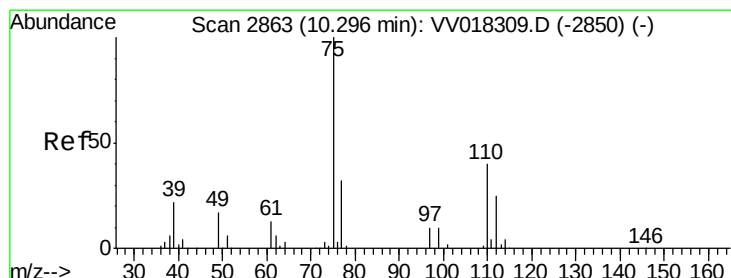
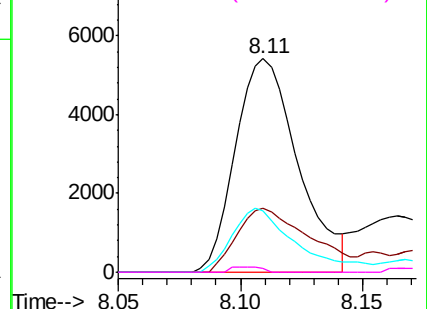
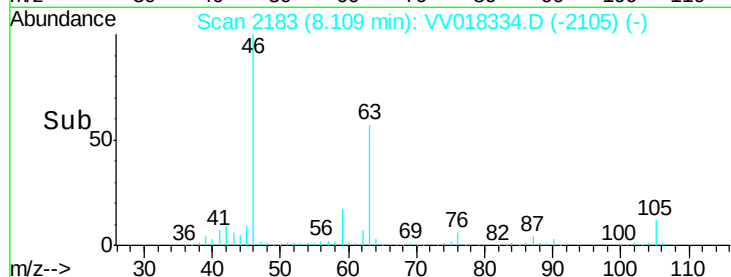
58 35.0 44.8 67.2#

57 28.7 15.8 23.6#

100 0.0 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018334.D (-2105) (-)



#59

1,2,3-Trichloropropane

Concen: 6.086 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018334.D

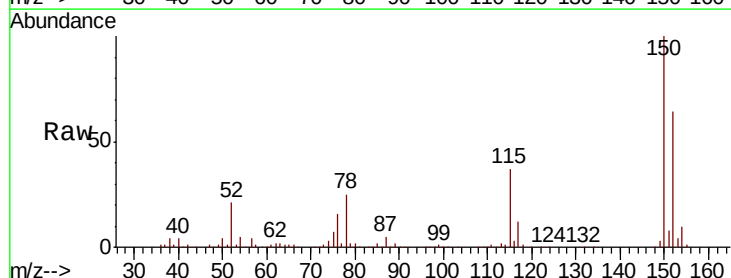
Acq: 18 Sep 2020 19:38

Tgt Ion: 75 Resp: 14711

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018334.D (-2241) (-)

