

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016574.D
 Acq On : 06 Jun 2020 07:14
 Operator : SY/MD
 Sample : L2862-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 07:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	359998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171548	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111120	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.36%
7) Chloroethane-d5	1.56	69	84012	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.22%
11) 1,1-Dichloroethene-d2	2.12	63	158094	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	3.89	46	194413	111.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.31%
24) Chloroform-d	4.37	84	242766	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.05	65	172614	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	495865	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.09	67	156057	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.34	98	439346	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%
43) trans-1,3-Dichloropropene-	7.64	79	68947	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.11	63	144287	112.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207738	50.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	181675	56.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.70%

Target Compounds

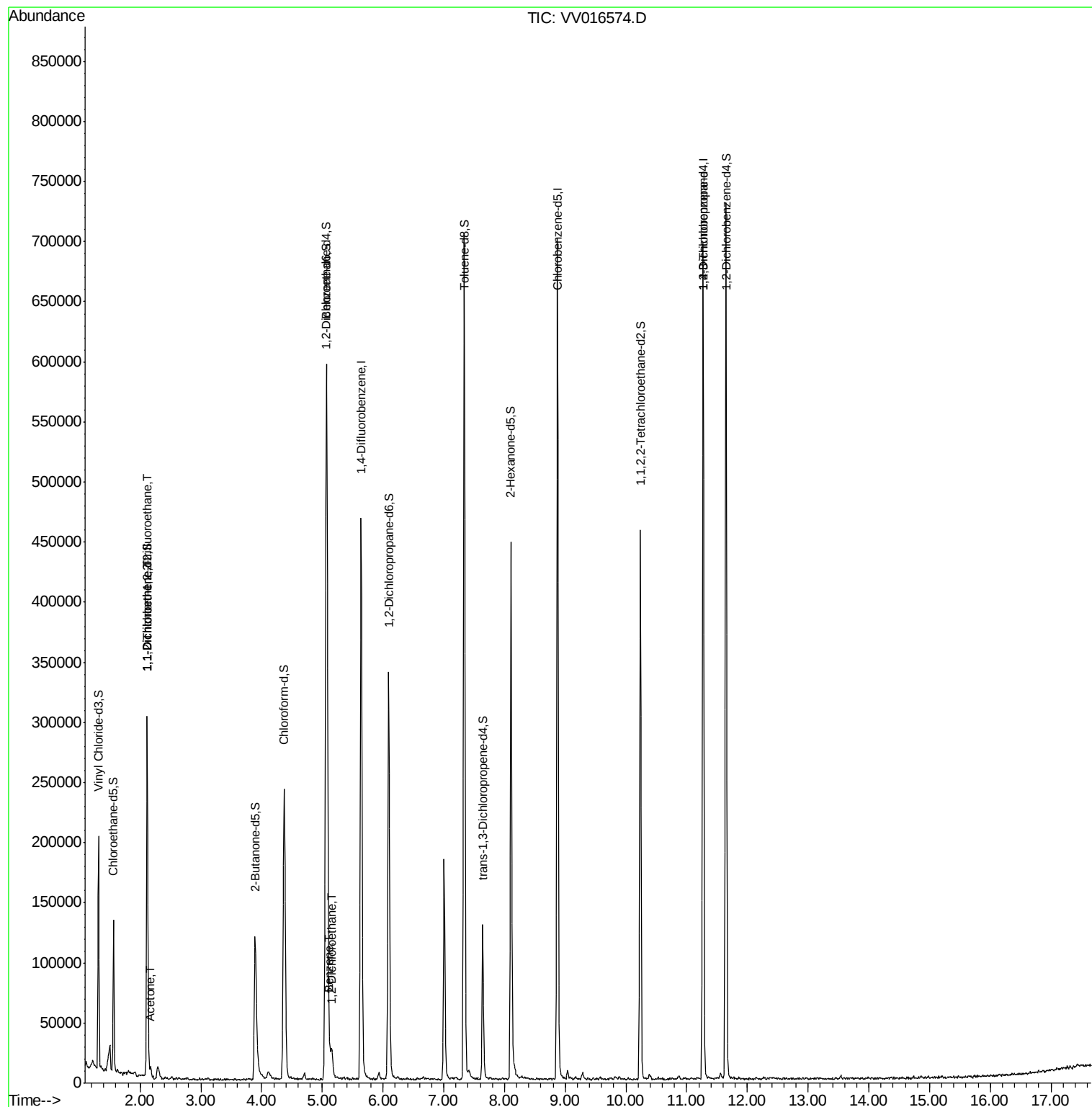
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1482	0.666 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1503	0.702 ug/L #	1
13) Acetone	2.17	43	8658	5.304 ug/L	93
27) 1,2-Dichloroethane	5.16	62	17810	4.186 ug/L	98
33) Benzene	5.13	78	17591	1.661 ug/L	100
59) 1,2,3-Trichloropropane	11.27	75	20719	6.017 ug/L	92

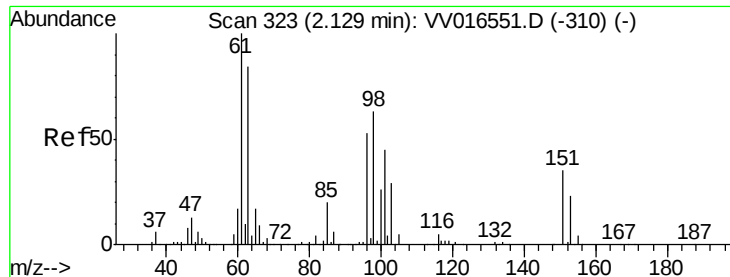
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.666 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016574.D

Acq: 06 Jun 2020 07:14

Instrument :

MSVOA_V

ClientSampled :

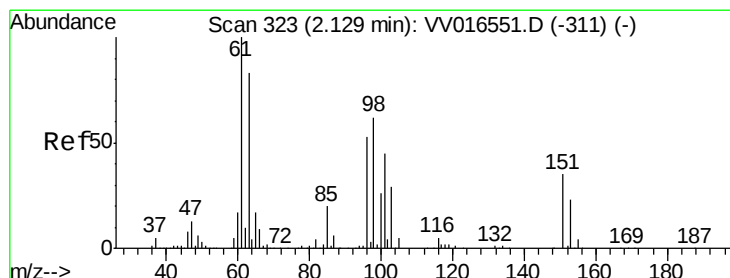
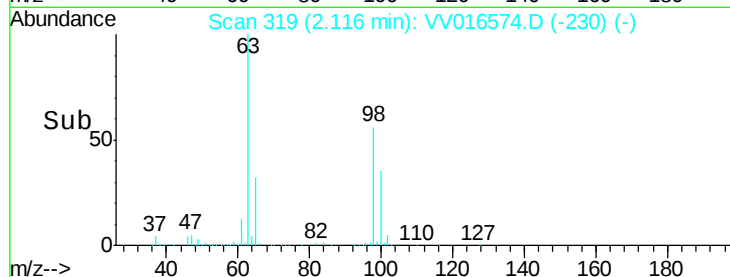
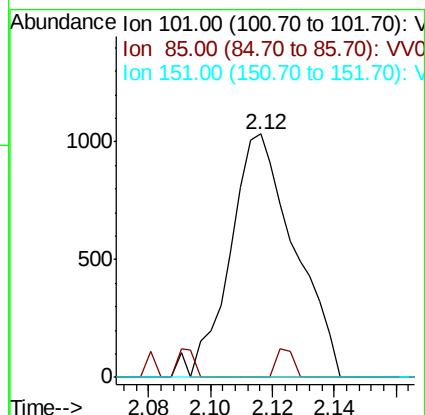
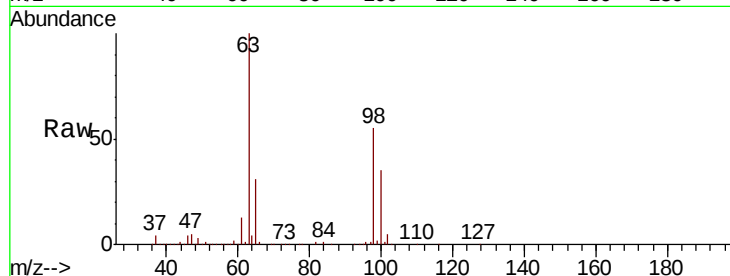
Tot Ion:101 Resp: 1482

Ion Ratio Lower Upper

101 100

85 3.0 35.6 53.4#

151 0.0 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 0.702 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016574.D

Acq: 06 Jun 2020 07:14

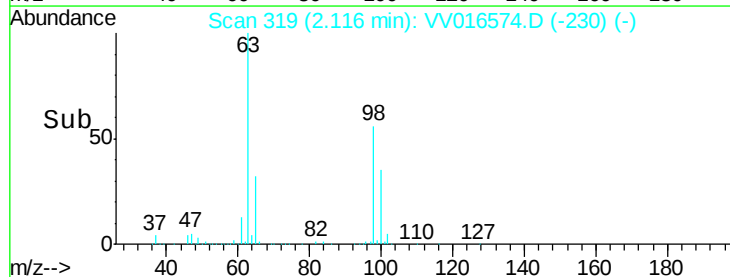
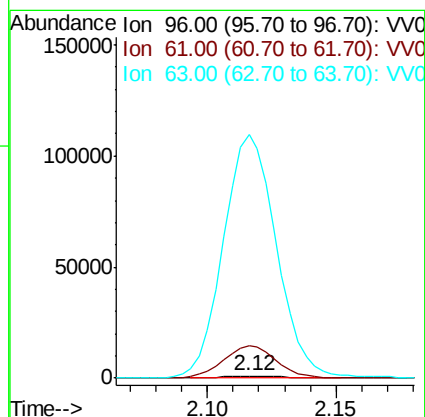
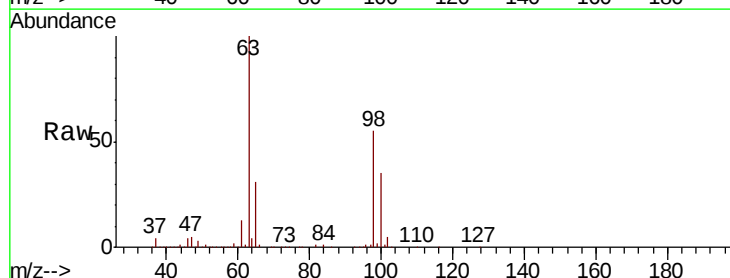
Tgt Ion: 96 Resp: 1503

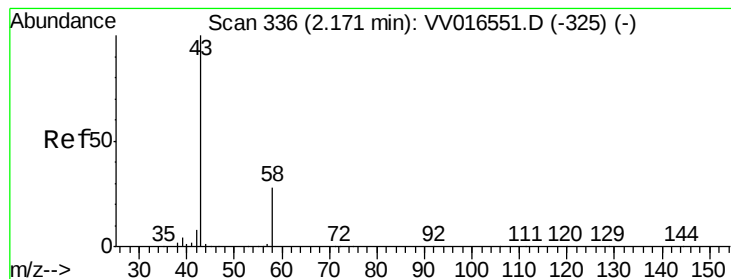
Ion Ratio Lower Upper

96 100

61 1549.6 125.5 233.1#

63 11761.4 104.0 193.1#





#13

Acetone

Concen: 5.304 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016574.D

Acq: 06 Jun 2020 07:14

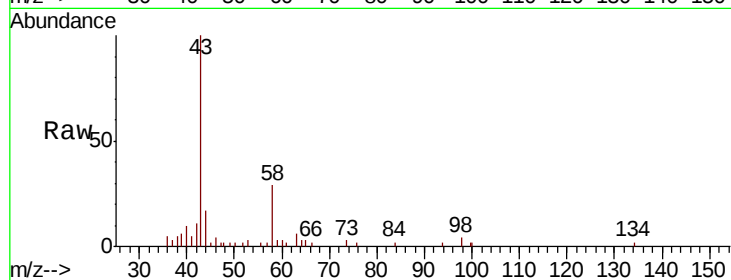
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8658

Ion Ratio Lower Upper

43 100

58 24.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-325) (-)

6000

5000

4000

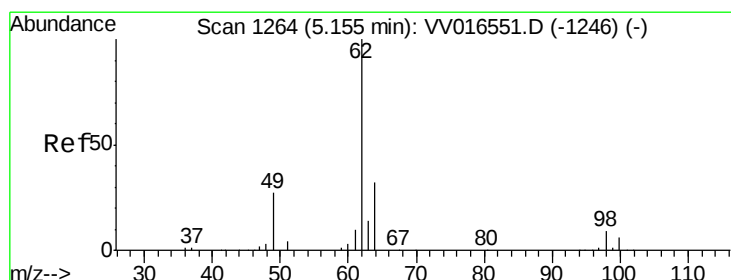
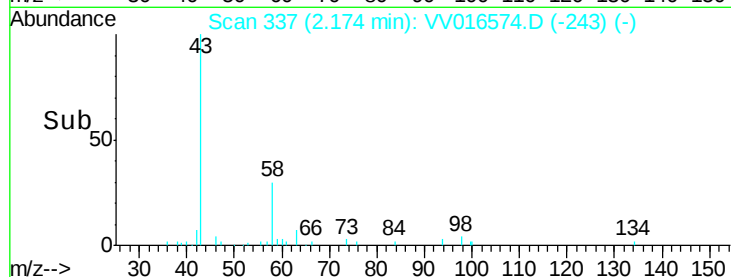
3000

2000

1000

0

Time--> 2.10 2.15 2.20



#27

1,2-Dichloroethane

Concen: 4.186 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV016574.D

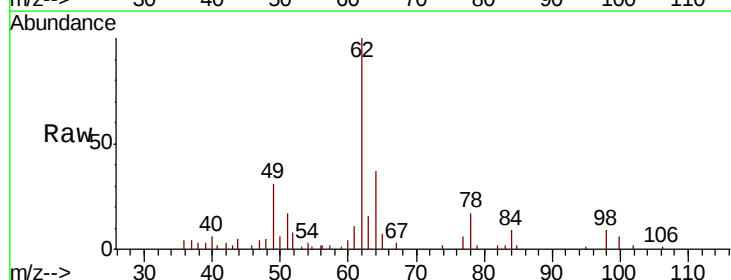
Acq: 06 Jun 2020 07:14

Tgt Ion: 62 Resp: 17810

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016551.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016551.D (-1246) (-)

8000

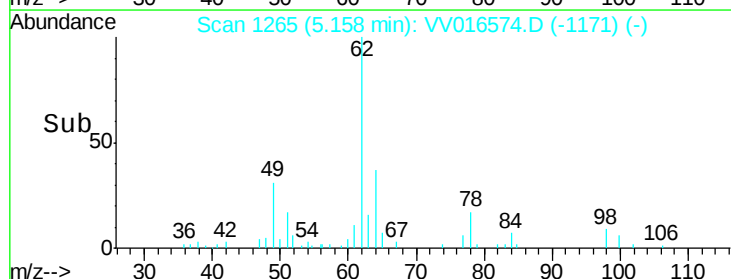
6000

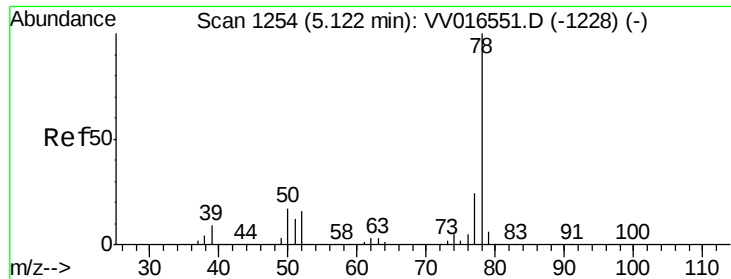
4000

2000

0

Time--> 5.10 5.15 5.20 5.25





#33

Benzene

Concen: 1.661 ug/L

RT: 5.13 min Scan# 1255

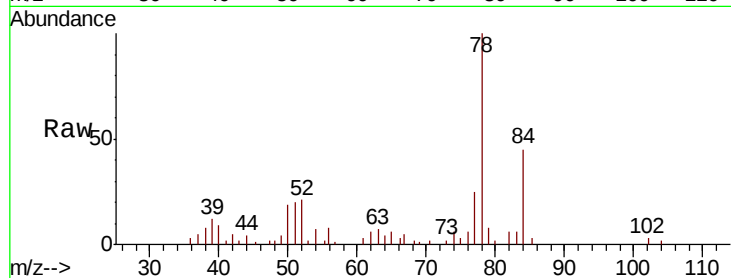
Delta R.T. 0.00 min

Lab File: VV016574.D

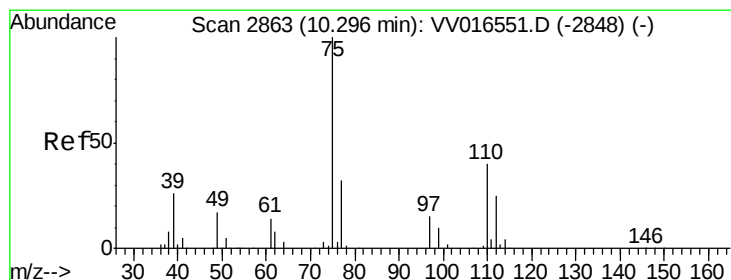
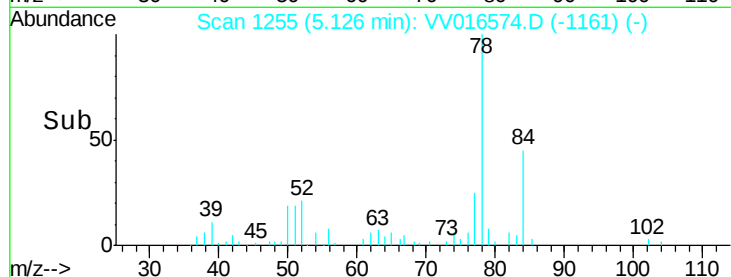
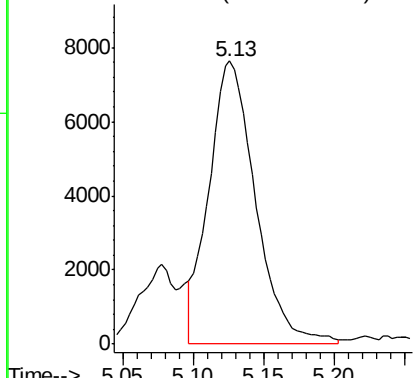
Acq: 06 Jun 2020 07:14

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 17591



Abundance Ion 78.00 (77.70 to 78.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.017 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016574.D

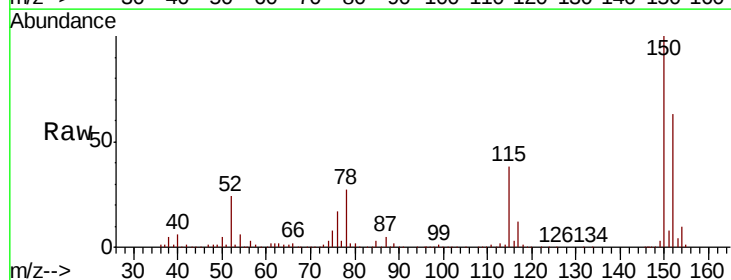
Acq: 06 Jun 2020 07:14

Tgt Ion: 75 Resp: 20719

Ion Ratio Lower Upper

75 100

77 38.0 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

