

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018110.D
 Acq On : 27 Aug 2020 12:21
 Operator : SY/MD
 Sample : L3813-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H3

Quant Time: Aug 28 06:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86576	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.76%
7) Chloroethane-d5	1.58	69	77666	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	132771	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
21) 2-Butanone-d5	3.91	46	116447	87.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.03%
24) Chloroform-d	4.38	84	168729	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.06	65	116026	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
32) Benzene-d6	5.08	84	340689	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
36) 1,2-Dichloropropane-d6	6.09	67	112914	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.34	98	300502	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%
43) trans-1,3-Dichloropropene-	7.64	79	52328	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.11	63	61018	79.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136176	43.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	128412	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

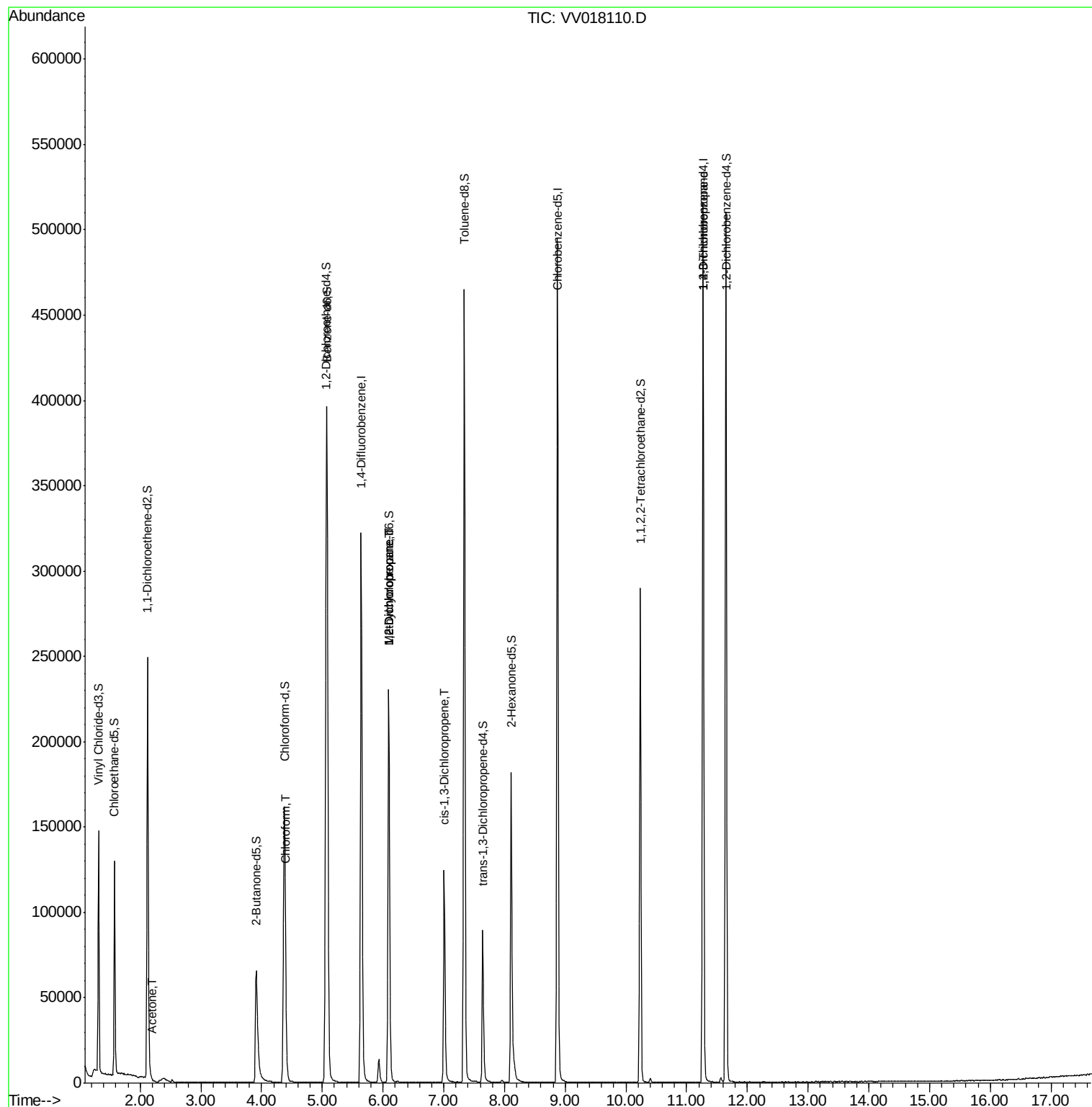
					Ovalue
13) Acetone	2.20	43	1413	1.022 ug/L	82
25) Chloroform	4.40	83	5771	1.524 ug/L	98
35) Methylcyclohexane	6.09	83	26538	8.182 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12287	5.460 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2921	0.916 ug/L #	49
59) 1,2,3-Trichloropropane	11.27	75	15199	5.469 ug/L	91

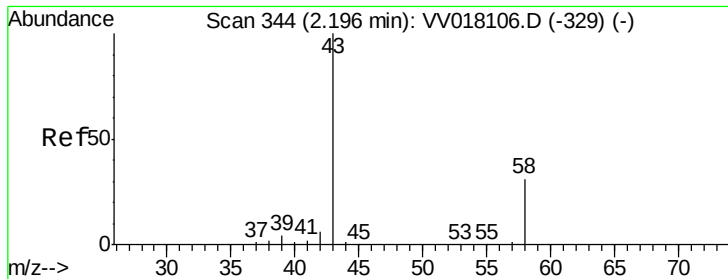
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.022 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018110.D

Acq: 27 Aug 2020 12:21

Instrument :

MSVOA_V

ClientSampled :

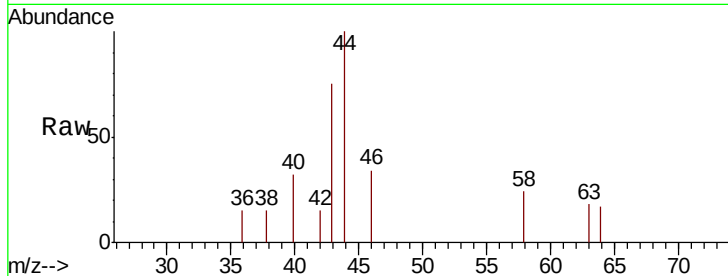
BG3H3

Tot Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 21.6 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

500

400

300

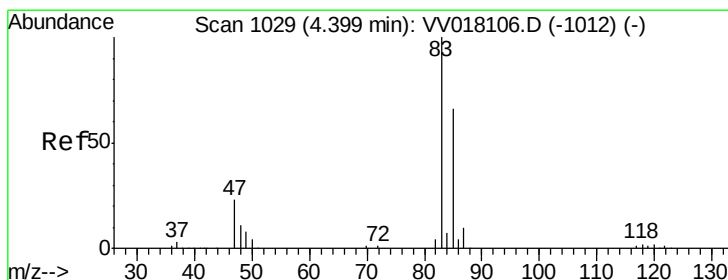
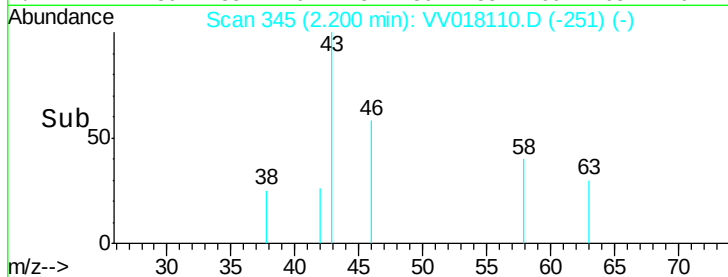
200

100

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 1.524 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018110.D

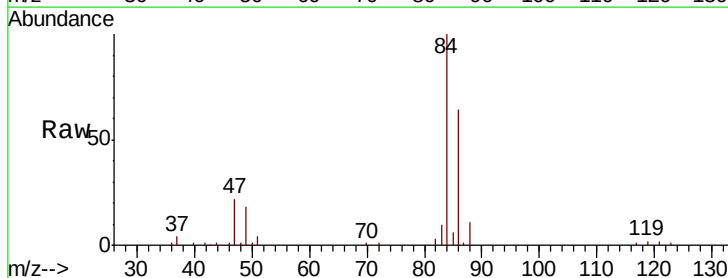
Acq: 27 Aug 2020 12:21

Tgt Ion: 83 Resp: 5771

Ion Ratio Lower Upper

83 100

85 63.8 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.40

2500

2000

1500

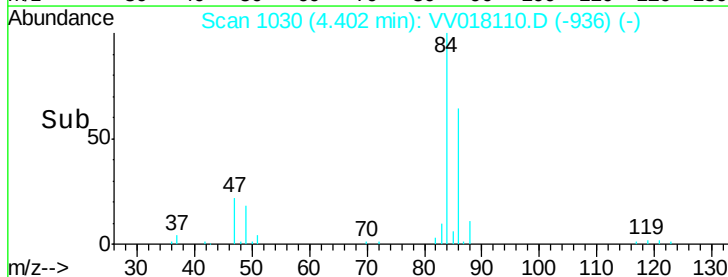
1000

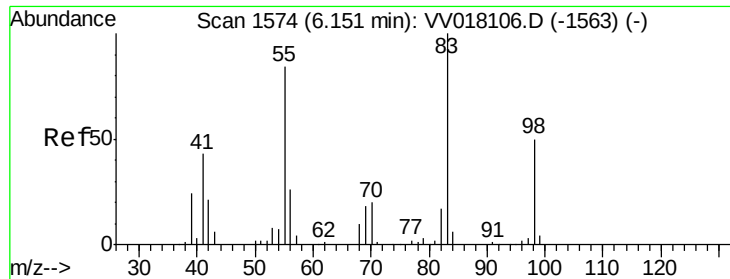
500

0

Time-->

4.35 4.40 4.45

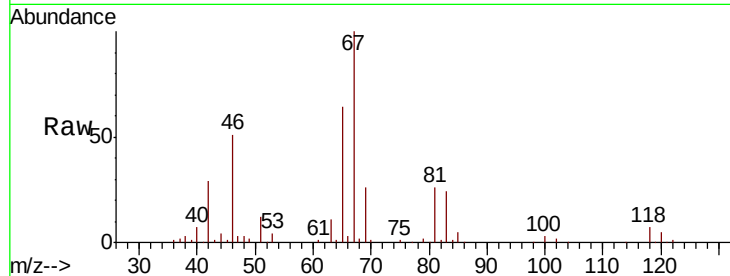




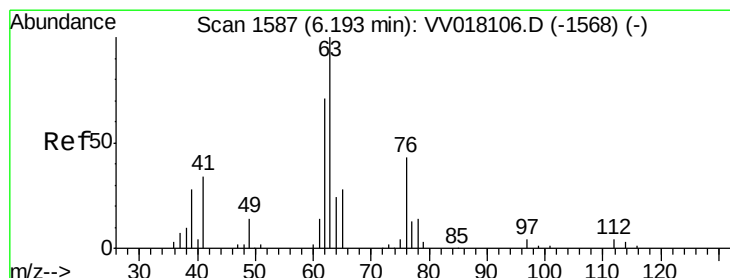
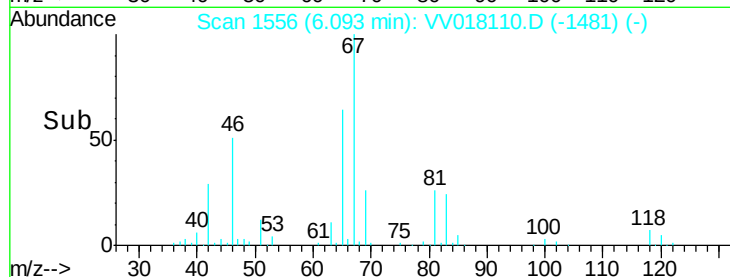
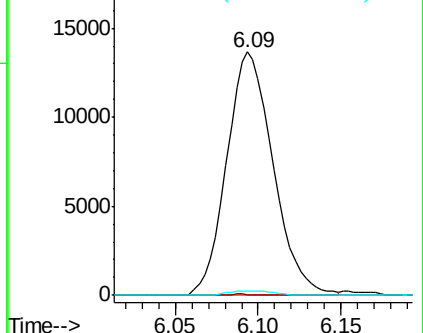
#35
Methvlcvclohexane
Concen: 8.182 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018110.D
Acq: 27 Aug 2020 12:21

Instrument :
MSVOA_V
ClientSampleId :
BG3H3

Tot Ion	83	Resp	26538
Ion Ratio	Lower	Upper	
83	100		
55	0.2	64.9	97.3#
98	1.7	38.7	58.1#

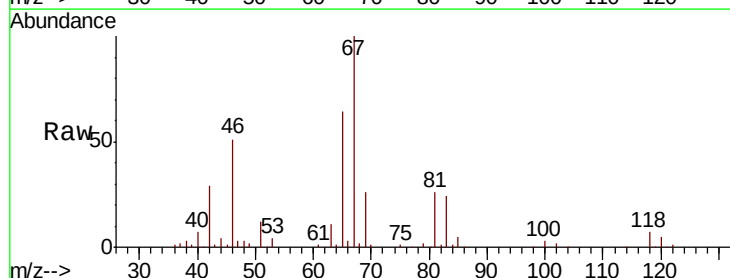


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

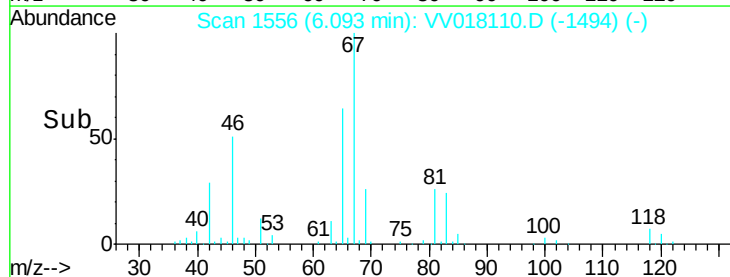
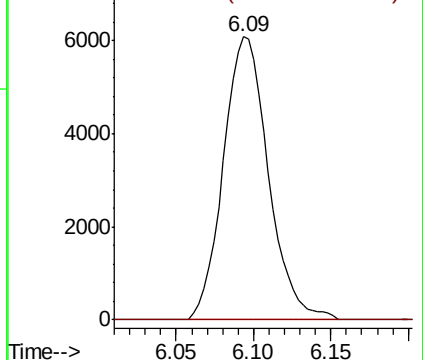


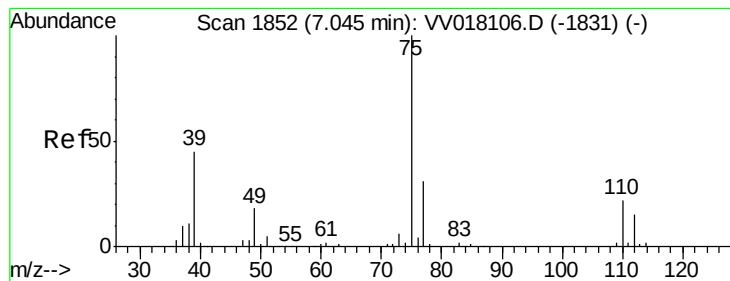
#37
1,2-Dichloropropane
Concen: 5.460 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018110.D
Acq: 27 Aug 2020 12:21

Tgt Ion	63	Resp	12287
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.916 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018110.D

Acq: 27 Aug 2020 12:21

Instrument :

MSVOA_V

ClientSampleId :

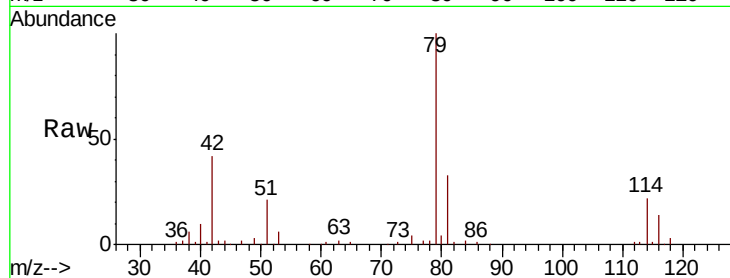
BG3H3

Tot Ion: 75 Resp: 2921

Ion Ratio Lower Upper

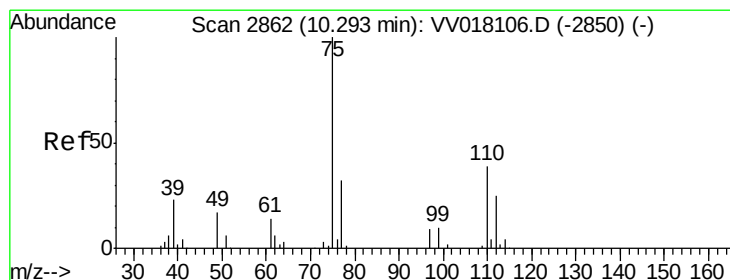
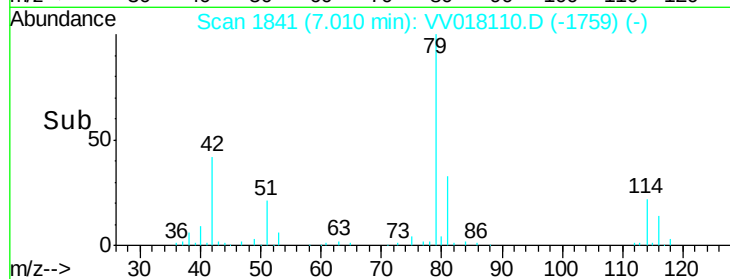
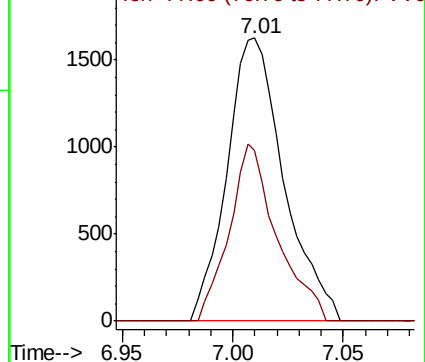
75 100

77 60.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.469 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018110.D

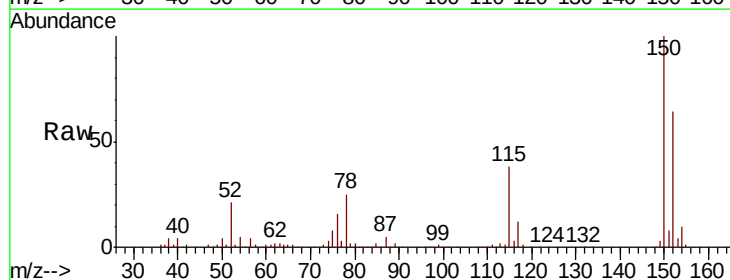
Acq: 27 Aug 2020 12:21

Tgt Ion: 75 Resp: 15199

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

