

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016586.D
 Acq On : 06 Jun 2020 13:41
 Operator : SY/MD
 Sample : L2895-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0J5

Quant Time: Jun 06 23:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346272	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321134	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97017	39.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.12%
7) Chloroethane-d5	1.56	69	69097	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.12	63	135470	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	3.89	46	177462	113.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.16%
24) Chloroform-d	4.37	84	217014	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.05	65	155145	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.07	84	437040	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.09	67	138367	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.24%
41) Toluene-d8	7.34	98	392048	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%
43) trans-1,3-Dichloropropene-	7.64	79	66450	50.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.74%
47) 2-Hexanone-d5	8.11	63	133297	116.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187957	51.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	163742	57.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.12%

Target Compounds

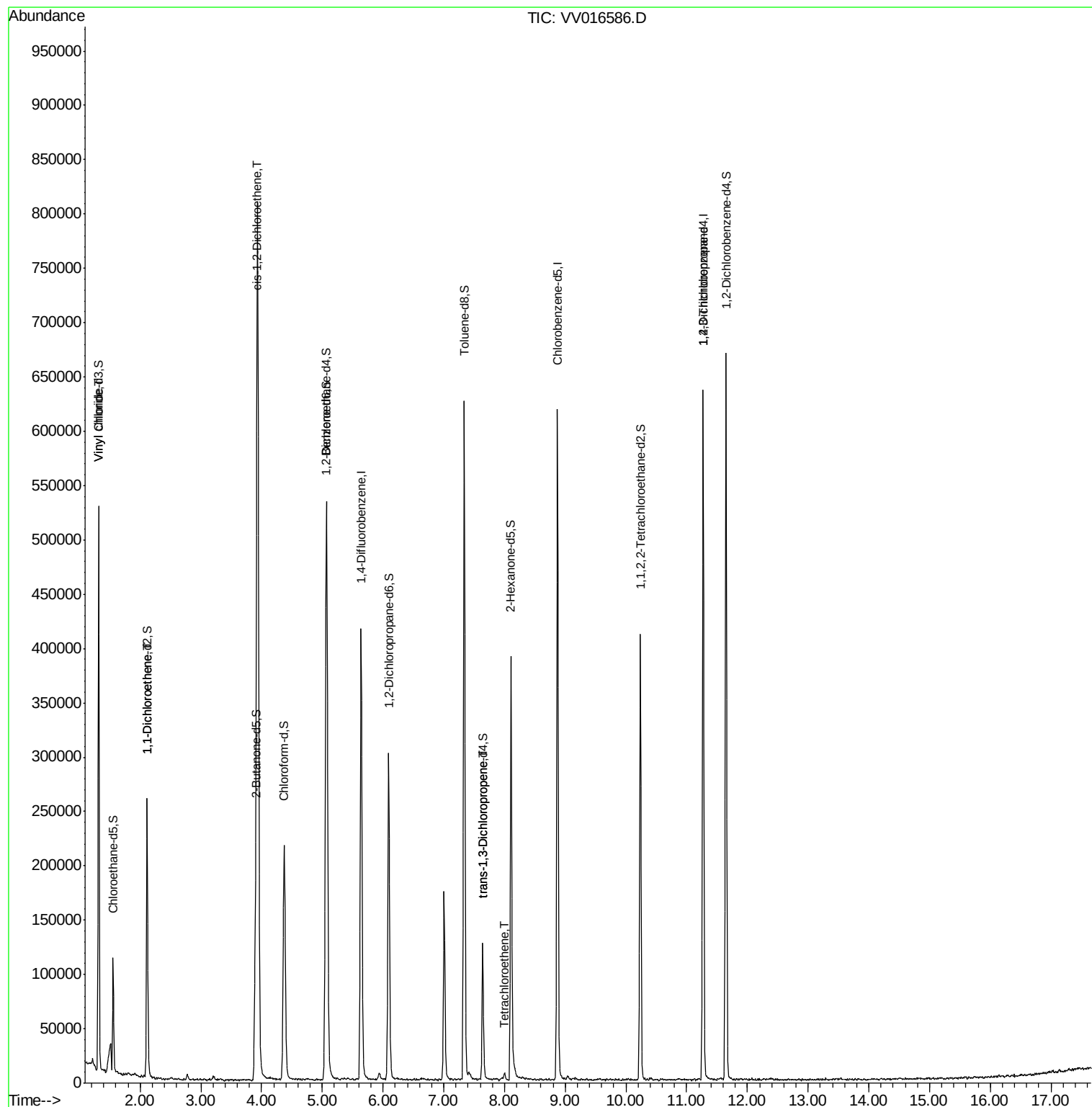
					Ovalue
5) Vinyl chloride	1.32	62	229394	86.248	ug/L 100
12) 1,1-Dichloroethene	2.12	96	2029	1.055	ug/L # 1
20) cis-1,2-Dichloroethene	3.93	96	437054	166.957	ug/L 98
44) trans-1,3-Dichloropropene	7.64	75	3498	0.993	ug/L 87
46) Tetrachloroethene	8.00	164	1324	0.693	ug/L 91
59) 1,2,3-Trichloropropane	11.27	75	18771	6.111	ug/L 93

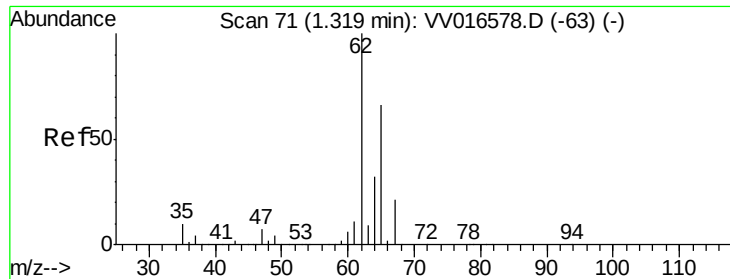
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
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#5

Vinyl chloride

Concen: 86.248 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016586.D

Acq: 06 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

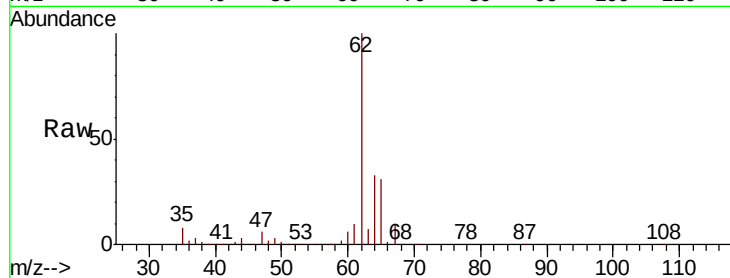
EW0J5

Tot Ion: 62 Resp: 229394

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

250000

200000

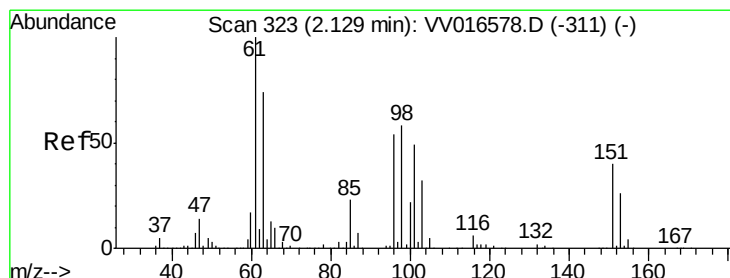
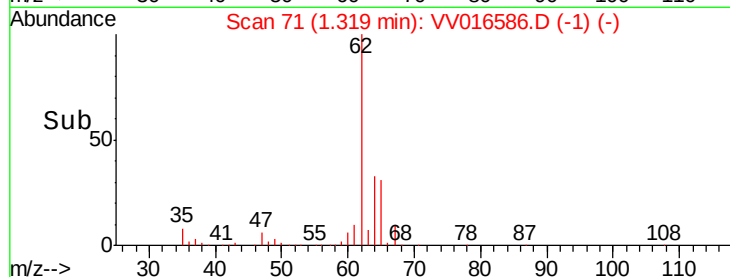
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.055 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016586.D

Acq: 06 Jun 2020 13:41

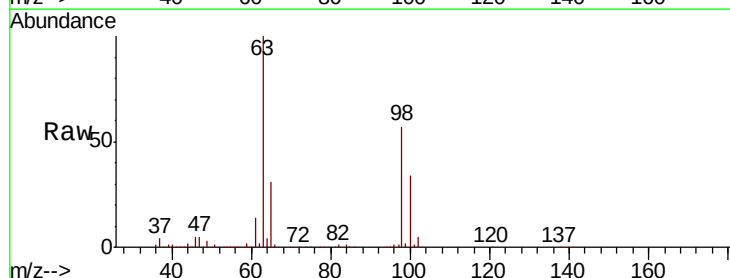
Tgt Ion: 96 Resp: 2029

Ion Ratio Lower Upper

96 100

61 1087.1 125.5 233.1#

63 7927.3 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

120000

100000

80000

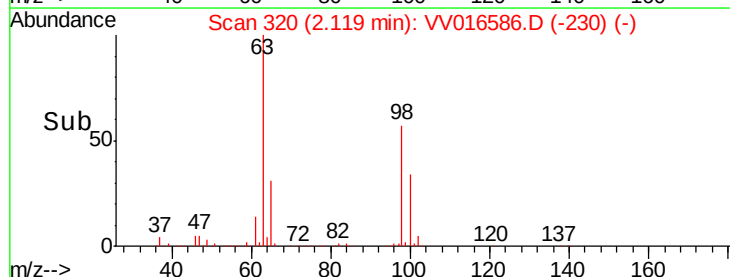
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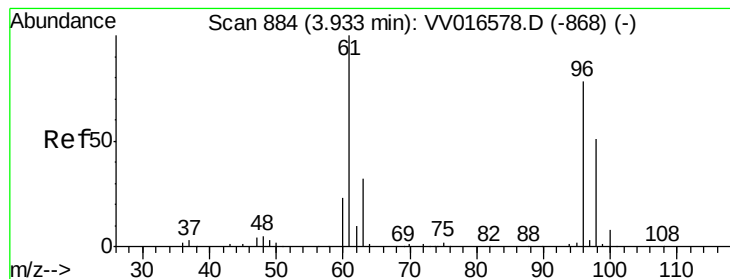
40000

20000

0

Time-->



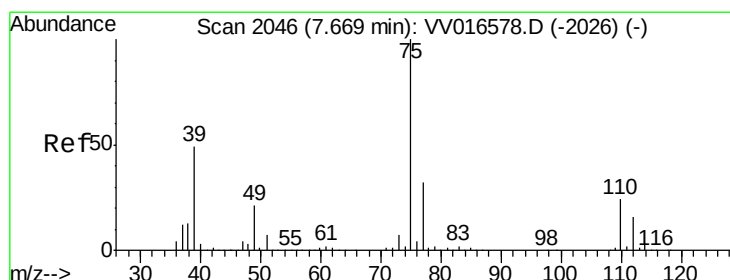
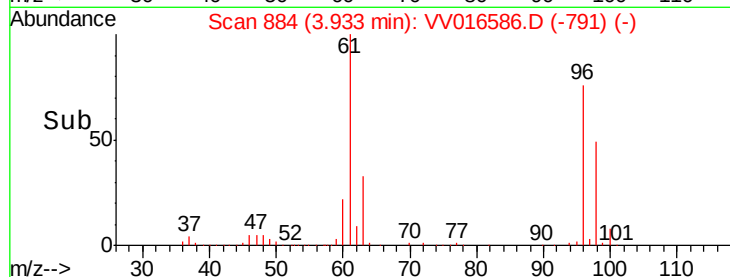
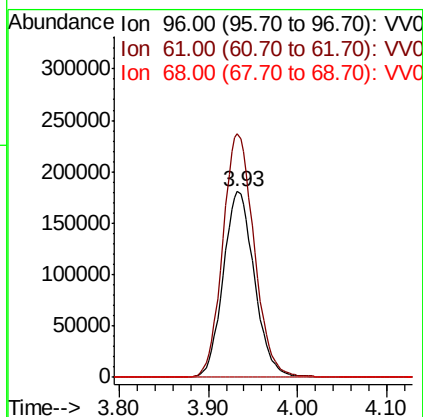
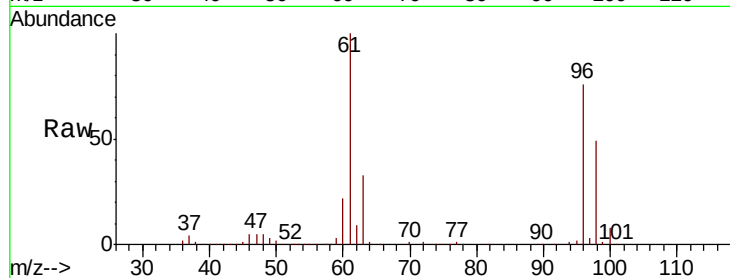


#20

cis-1,2-Dichloroethene
 Concen: 166.957 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: VV016586.D
 Acq: 06 Jun 2020 13:41

Instrument :
 MSVOA_V
 ClientSampled :
 EW0J5

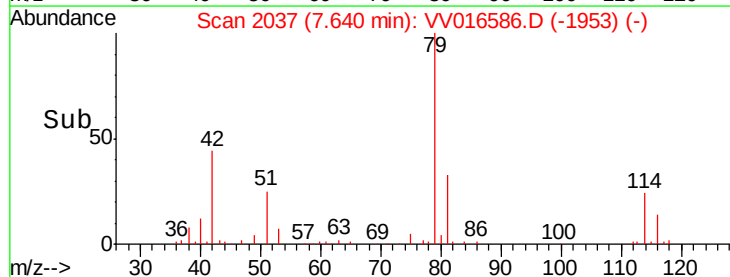
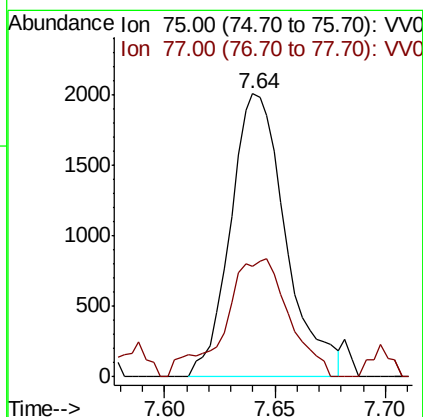
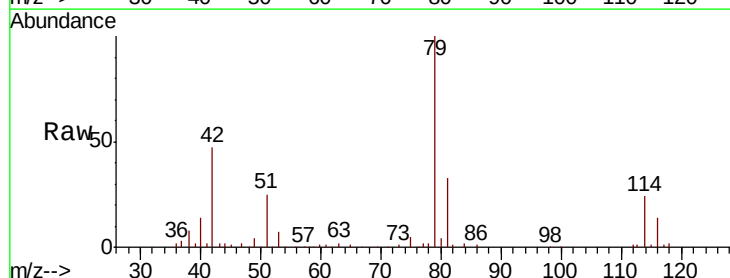
Tot Ion: 96 Resp: 437054
 Ion Ratio Lower Upper
 96 100
 61 131.0 93.4 173.4
 68 0.0 0.0 0.0

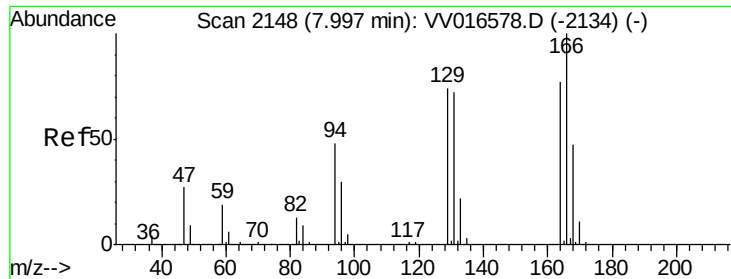


#44

trans-1,3-Dichloropropene
 Concen: 0.993 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV016586.D
 Acq: 06 Jun 2020 13:41

Tgt Ion: 75 Resp: 3498
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.2 41.2





#46

Tetrachloroethene

Concen: 0.693 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV016586.D

Acq: 06 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

EW0J5

Tot Ion:164 Resp: 1324

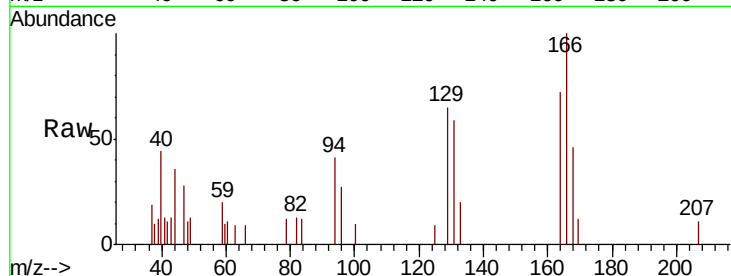
Ion Ratio Lower Upper

164 100

129 90.5 67.7 125.7

131 82.3 63.8 118.6

166 139.7 88.7 164.7

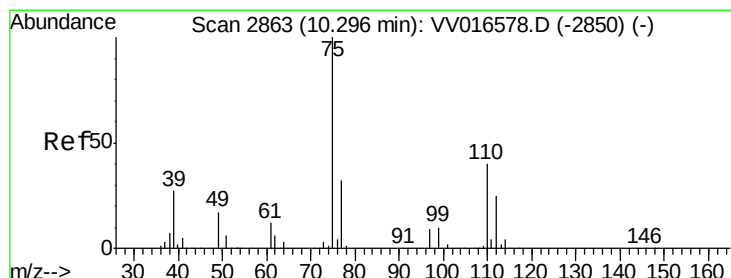
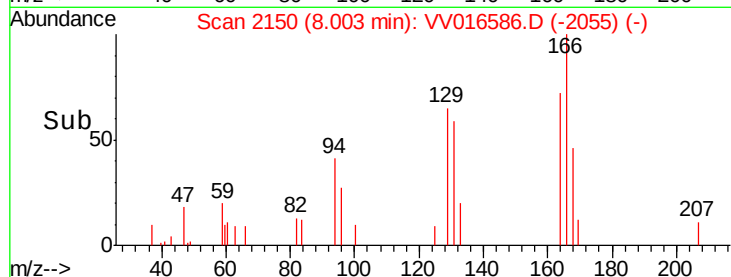
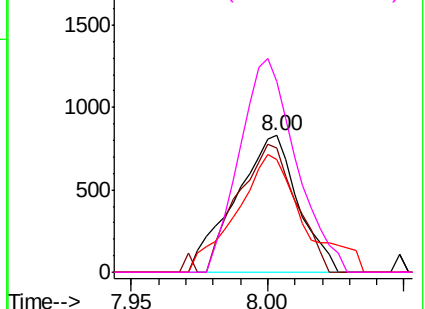


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 6.111 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016586.D

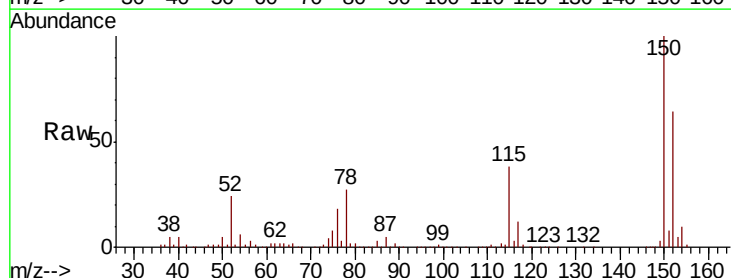
Acq: 06 Jun 2020 13:41

Tgt Ion: 75 Resp: 18771

Ion Ratio Lower Upper

75 100

77 37.4 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

