

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019707.D
 Acq On : 18 Dec 2020 18:08
 Operator : SY/MD
 Sample : L5098-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P6

Quant Time: Dec 19 05:29:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	493593	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	462910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	212876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	153336	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.64%
7) Chloroethane-d5	1.57	69	128358	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.11	63	227760	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	3.89	46	233860	121.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.56%
24) Chloroform-d	4.35	84	293650	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.04	65	206704	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.05	84	583154	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.07	67	189414	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.96%
41) Toluene-d8	7.32	98	507607	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.62	79	88741	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.09	63	156126	102.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	237369	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.63	152	191575	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

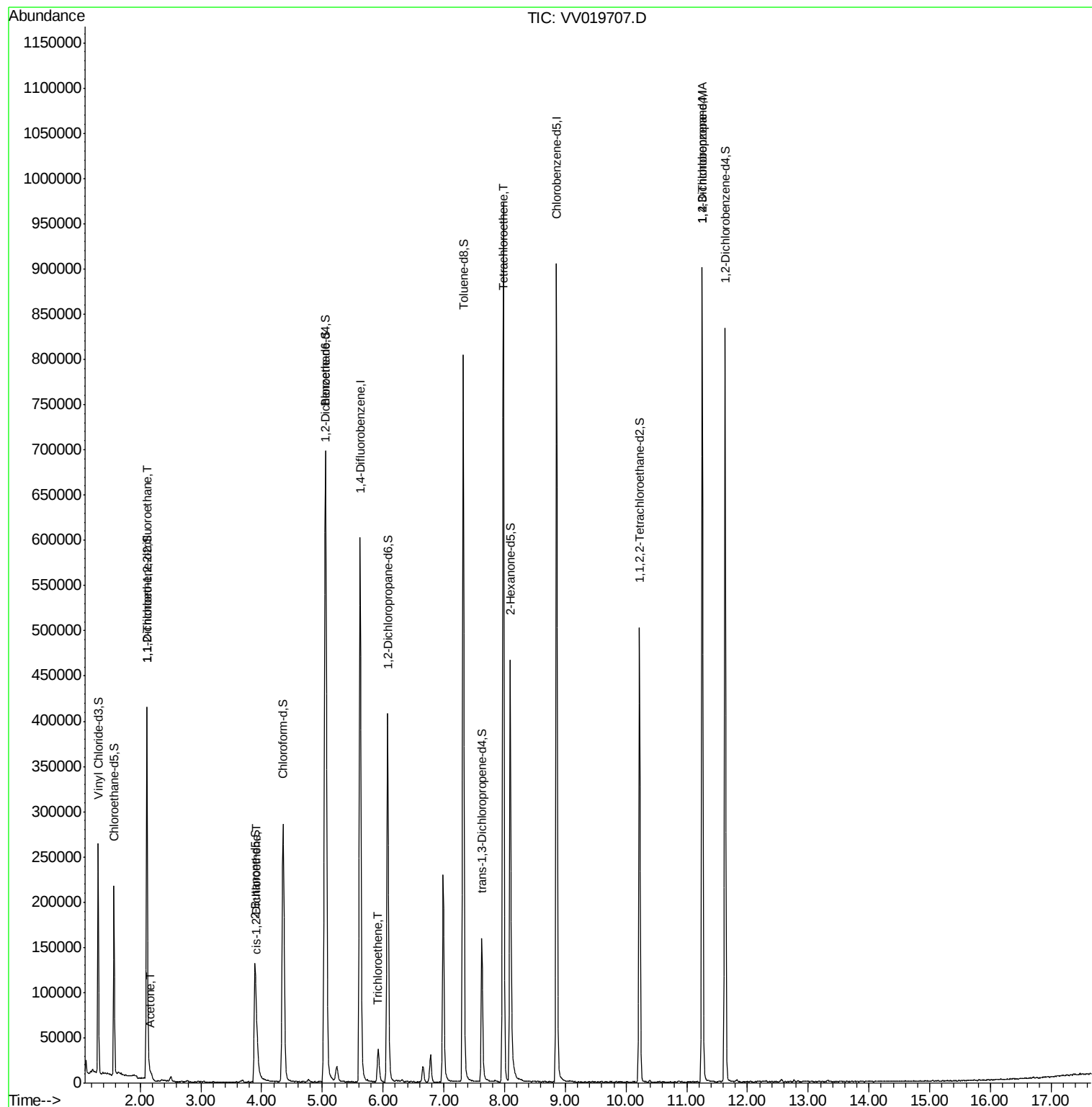
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1952	0.681 ug/L #	22
13) Acetone	2.18	43	7232	4.413 ug/L	94
20) cis-1,2-Dichloroethene	3.92	96	7277	2.054 ug/L #	99
34) Trichloroethene	5.93	95	10546	2.951 ug/L	98
46) Tetrachloroethene	7.98	164	198327	80.200 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	29334	6.675 ug/L	90

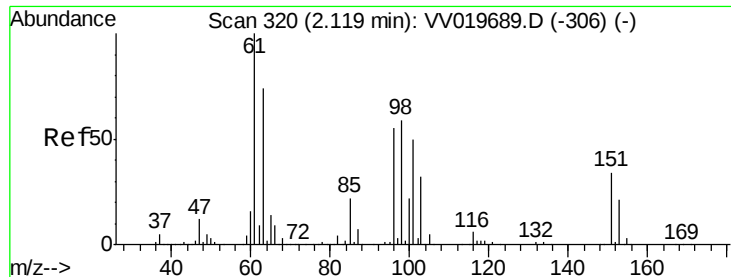
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.681 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019707.D

Acq: 18 Dec 2020 18:08

Instrument :

MSVOA_V

ClientSampleId :

BG4P6

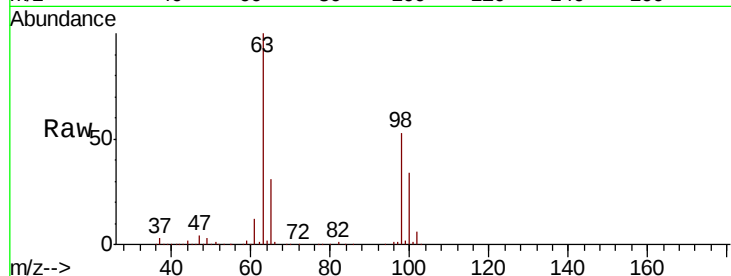
Tot Ion:101 Resp: 1952

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

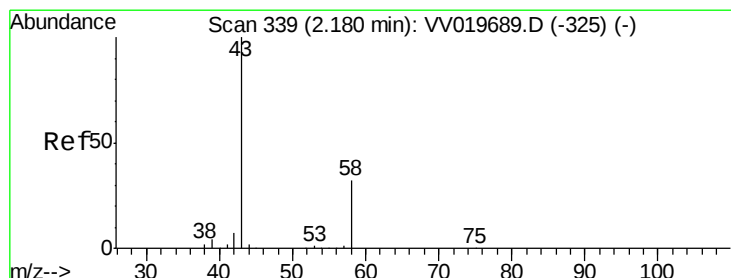
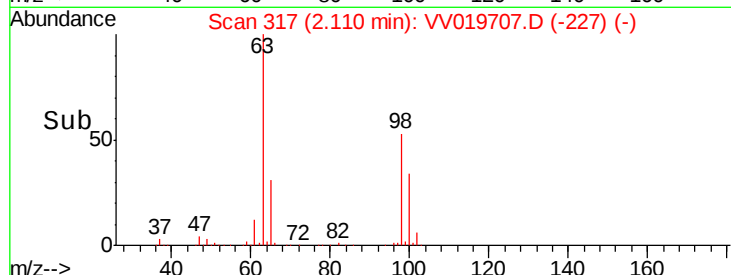
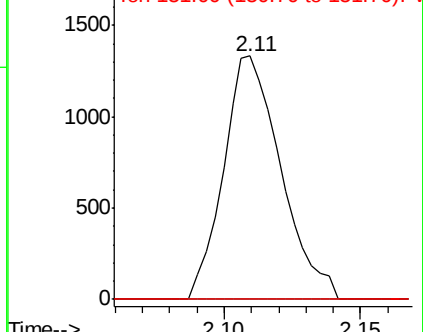
151 0.0 55.8 83.8#



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



#13

Acetone

Concen: 4.413 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019707.D

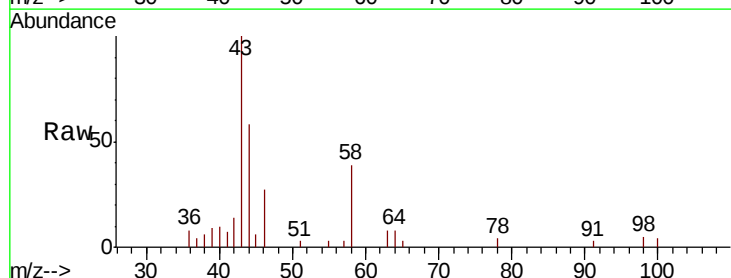
Acq: 18 Dec 2020 18:08

Tgt Ion: 43 Resp: 7232

Ion Ratio Lower Upper

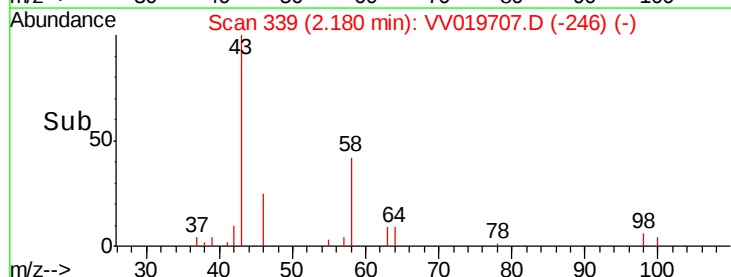
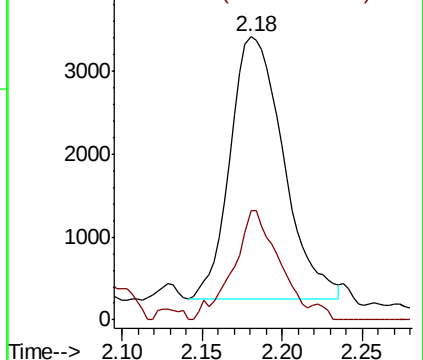
43 100

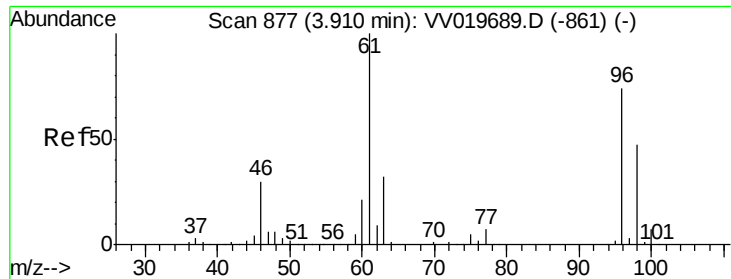
58 33.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

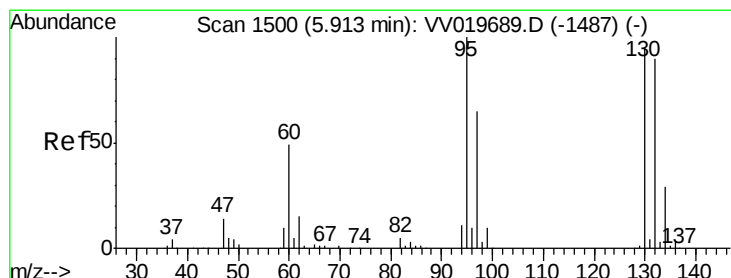
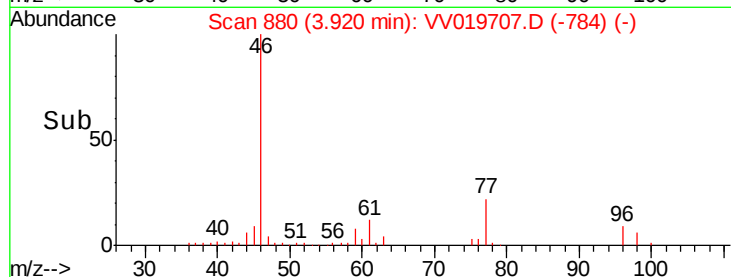
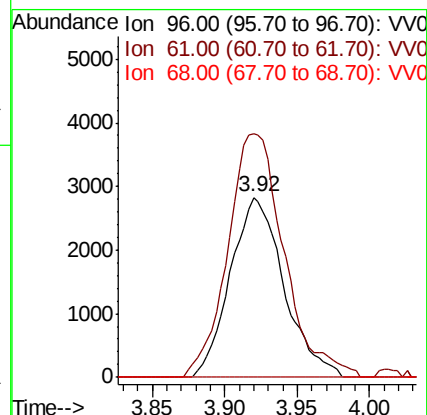
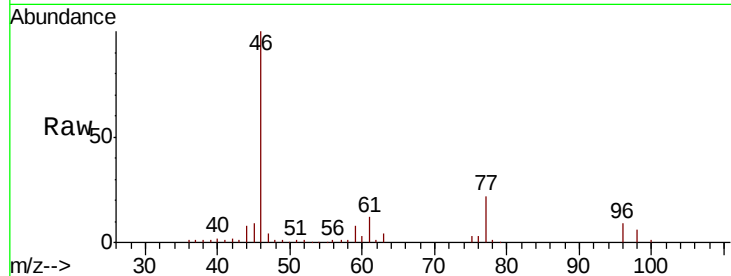




#20
 cis-1,2-Dichloroethene
 Concen: 2.054 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019707.D
 Acq: 18 Dec 2020 18:08

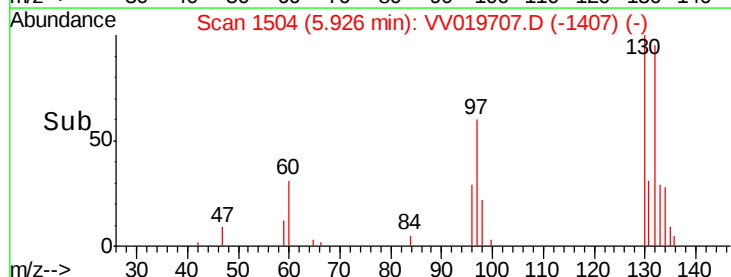
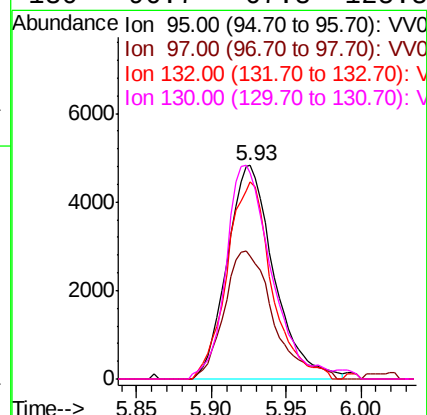
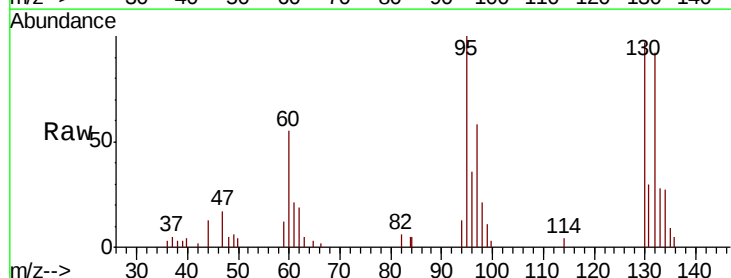
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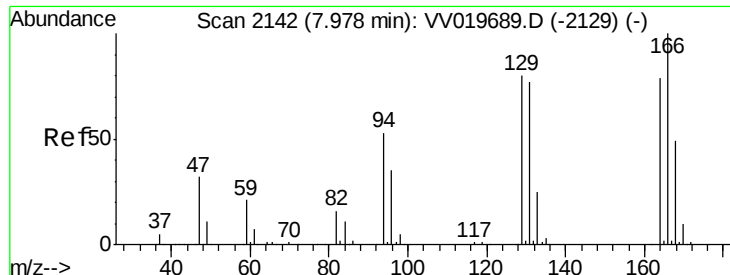
Tot Ion: 96 Resp: 7277
 Ion Ratio Lower Upper
 96 100
 61 135.1 94.1 174.8
 68 0.0 0.1 0.1#



#34
 Trichloroethene
 Concen: 2.951 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019707.D
 Acq: 18 Dec 2020 18:08

Tgt Ion: 95 Resp: 10546
 Ion Ratio Lower Upper
 95 100
 97 57.7 44.4 82.4
 132 92.3 64.3 119.3
 130 96.7 67.8 125.8





#46

Tetrachloroethene

Concen: 80.200 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019707.D

Acq: 18 Dec 2020 18:08

Instrument :

MSVOA_V

ClientSampleId :

BG4P6

Tot Ion:164 Resp: 198327

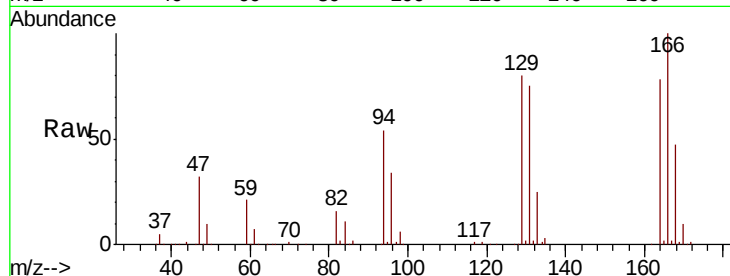
Ion Ratio Lower Upper

164 100

129 101.9 70.6 131.0

131 96.5 68.0 126.4

166 128.0 86.9 161.5

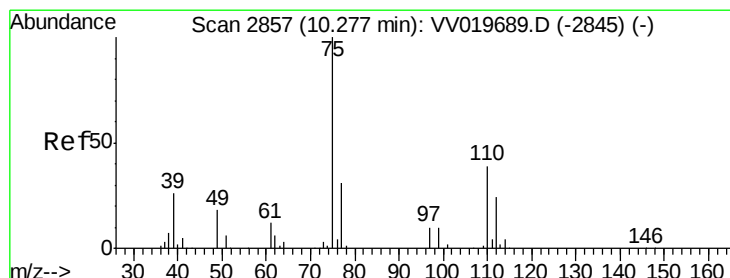
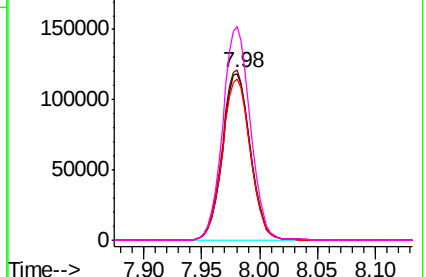
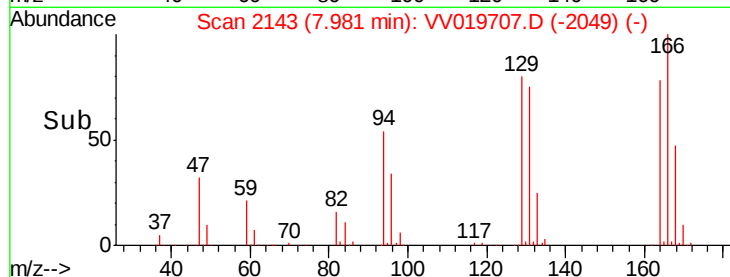


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.675 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019707.D

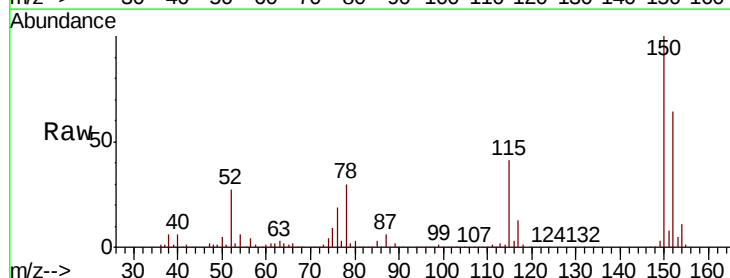
Acq: 18 Dec 2020 18:08

Tgt Ion: 75 Resp: 29334

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

