

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019680.D
 Acq On : 16 Dec 2020 17:24
 Operator : SY/MD
 Sample : L5062-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:32:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	610017	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	564873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	253488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	212671	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.57	69	172172	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.11	63	306776	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.58%
21) 2-Butanone-d5	3.89	46	302141	127.08	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.08%
24) Chloroform-d	4.35	84	377103	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.04	65	260738	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
32) Benzene-d6	5.05	84	761677	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.07	67	243866	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.32	98	669329	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%
43) trans-1,3-Dichloropropene-	7.62	79	107828	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
47) 2-Hexanone-d5	8.09	63	205322	110.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.85%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	303124	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.63	152	240407	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

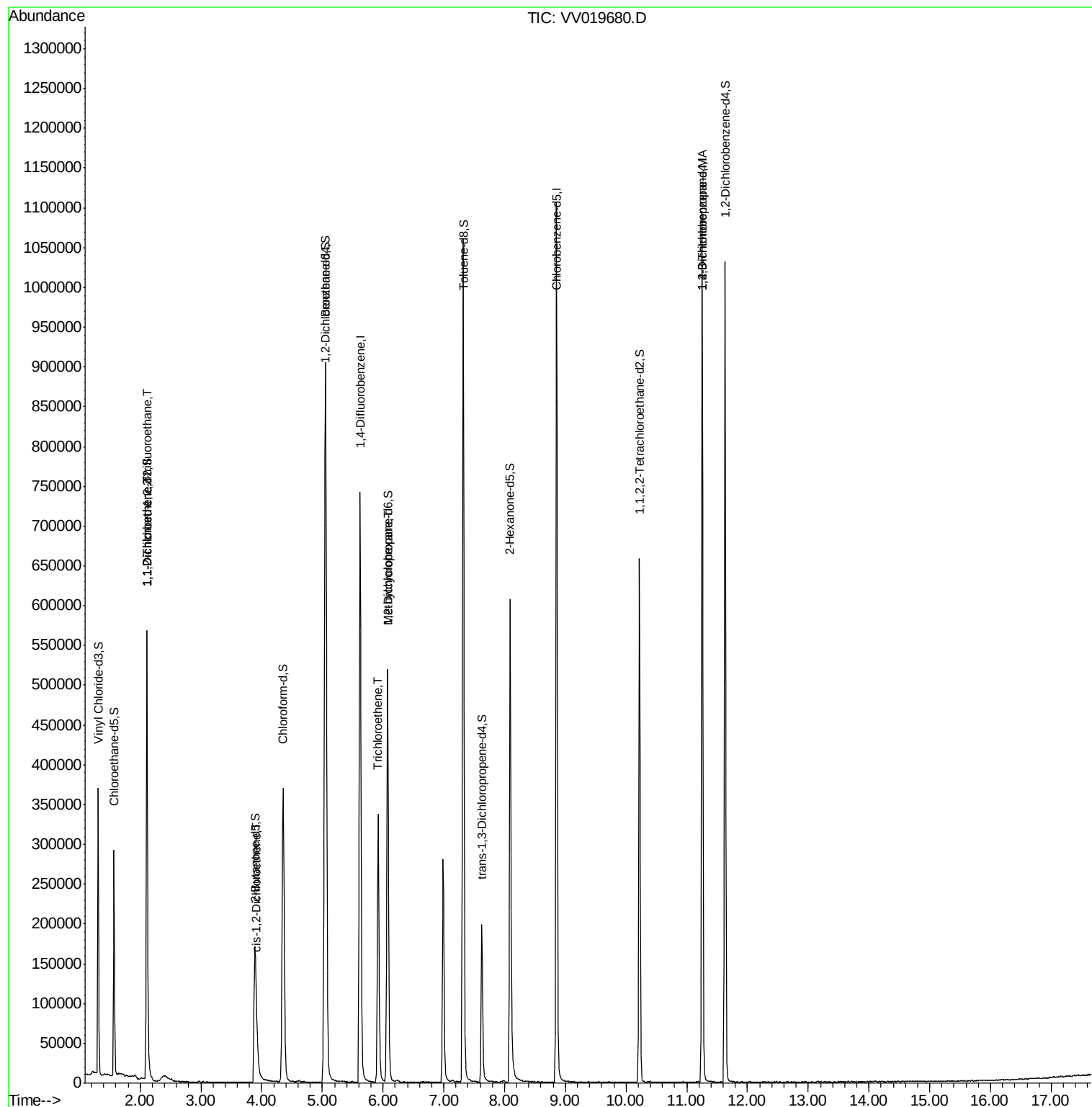
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2437	0.688 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	9336	2.569 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	4333	0.990 ug/L #	98
34) Trichloroethene	5.92	95	116950	26.817 ug/L	100
35) Methylcyclohexane	6.07	83	58958	8.899 ug/L #	17
59) 1,2,3-Trichloropropane	11.25	75	34255	6.388 ug/L #	88

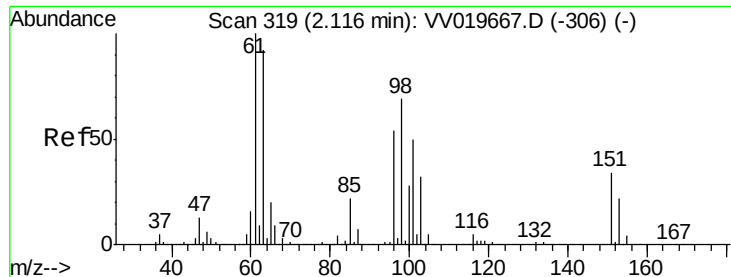
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.688 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.00 min

Lab File: VV019680.D

Acq: 16 Dec 2020 17:24

Instrument :

MSVOA_V

ClientSampleId :

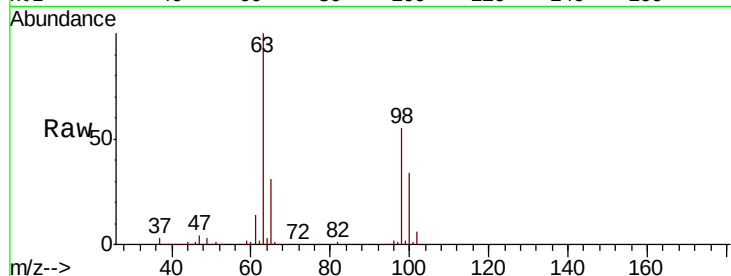
Tot Ion:101 Resp: 2437

Ion Ratio Lower Upper

101 100

85 1.7 35.0 52.4#

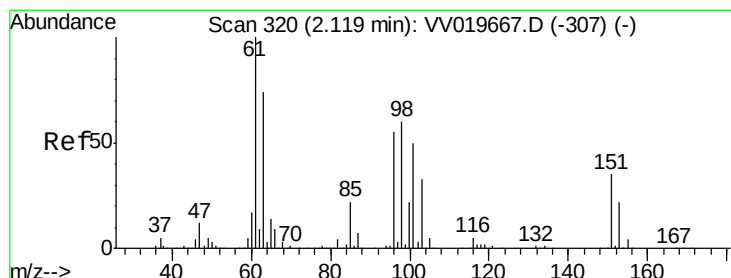
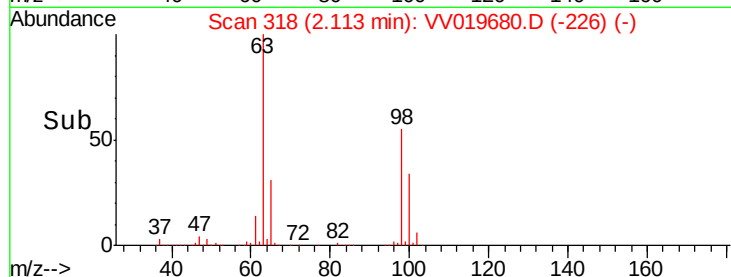
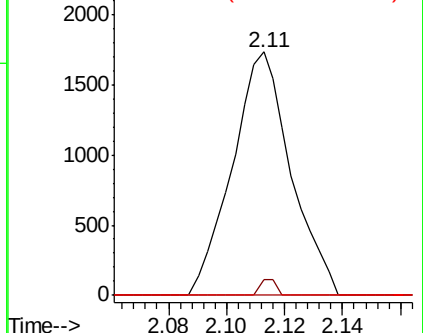
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019667.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019667.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019667.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 2.569 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.00 min

Lab File: VV019680.D

Acq: 16 Dec 2020 17:24

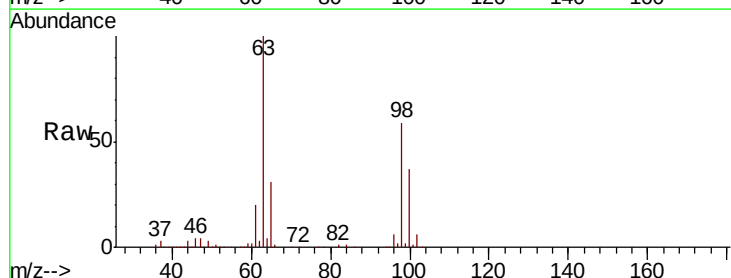
Tgt Ion: 96 Resp: 9336

Ion Ratio Lower Upper

96 100

61 358.2 120.7 224.1#

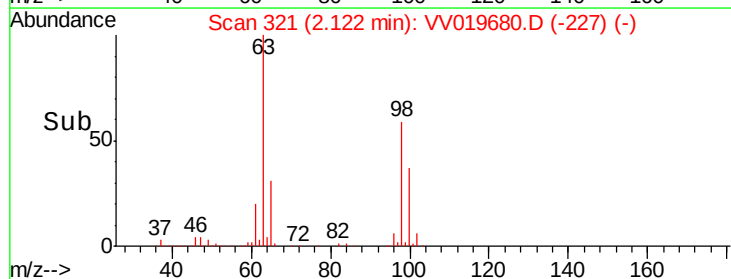
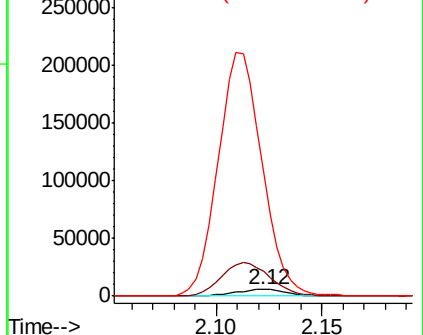
63 1811.2 64.3 119.5#

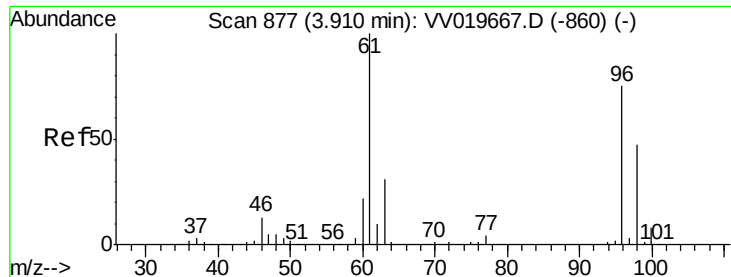


Abundance Ion 96.00 (95.70 to 96.70): VV019667.D (-307) (-)

Ion 61.00 (60.70 to 61.70): VV019667.D (-307) (-)

Ion 63.00 (62.70 to 63.70): VV019667.D (-307) (-)



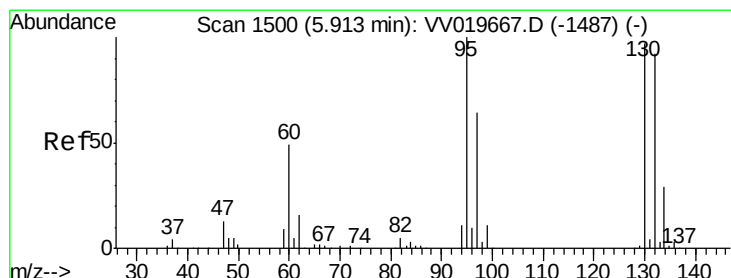
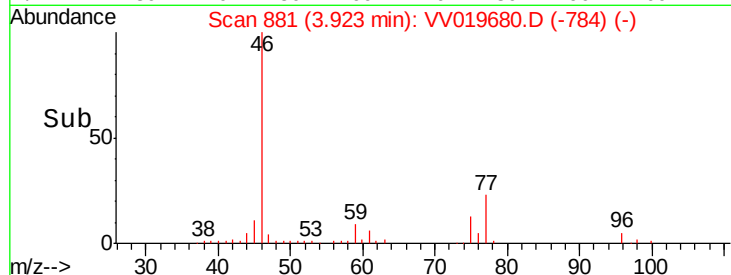
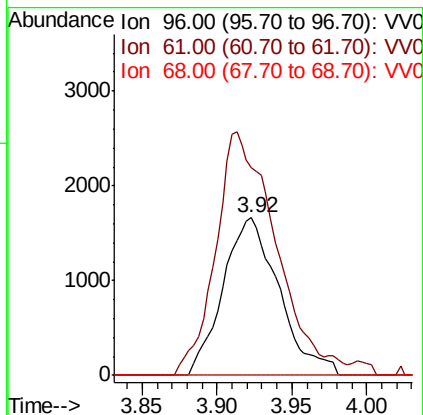
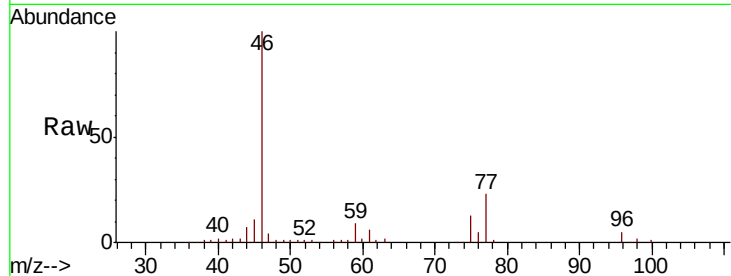


#20

cis-1,2-Dichloroethene
Concen: 0.990 ug/L
RT: 3.92 min Scan# 881
Delta R.T. 0.01 min
Lab File: VV019680.D
Acq: 16 Dec 2020 17:24

Instrument :
MSVOA_V
ClientSampleId :

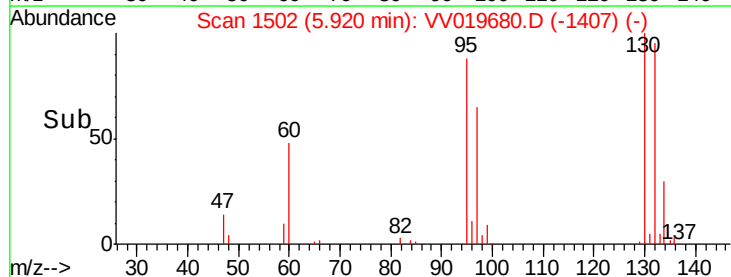
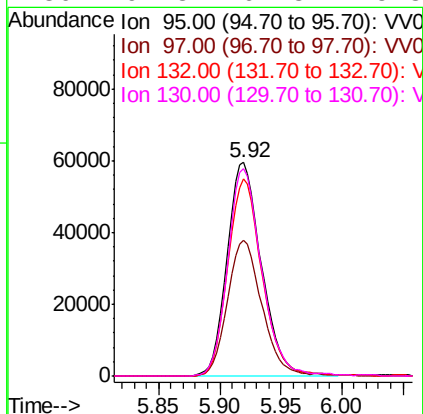
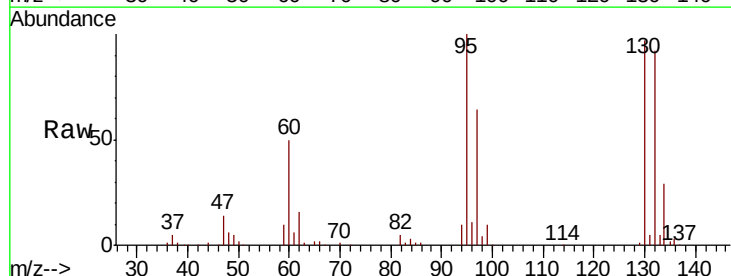
Tot Ion: 96 Resp: 4333
Ion Ratio Lower Upper
96 100
61 132.3 94.1 174.8
68 0.0 0.1 0.1#

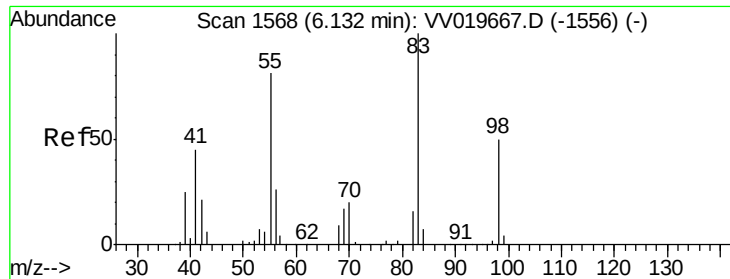


#34

Trichloroethene
Concen: 26.817 ug/L
RT: 5.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VV019680.D
Acq: 16 Dec 2020 17:24

Tgt Ion: 95 Resp: 116950
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.4
132 92.2 64.3 119.3
130 97.3 67.8 125.8





#35

Methvlcvclohexane

Concen: 8.899 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019680.D

Acq: 16 Dec 2020 17:24

Instrument :

MSVOA_V

ClientSampleId :

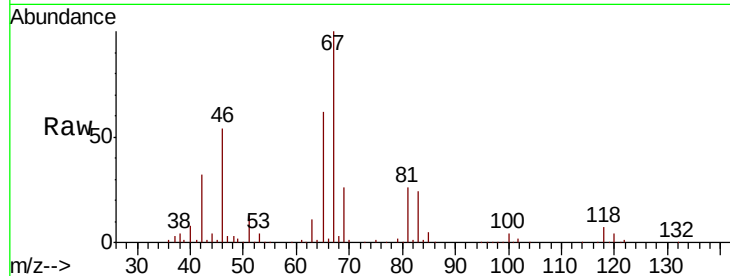
Tot Ion: 83 Resp: 58958

Ion Ratio Lower Upper

83 100

55 0.4 64.2 96.4#

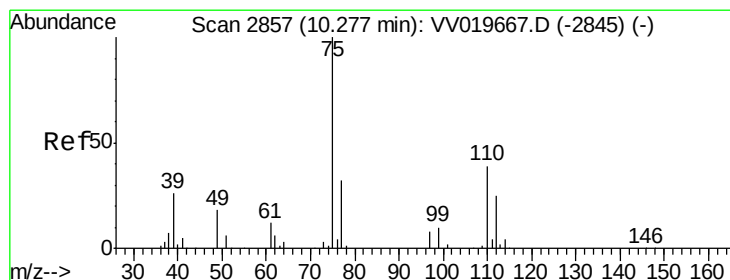
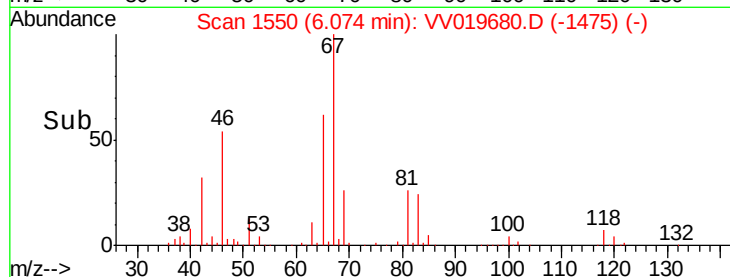
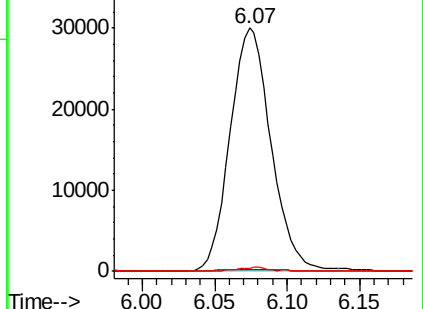
98 1.3 39.3 58.9#



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



#59

1,2,3-Trichloropropane

Concen: 6.388 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019680.D

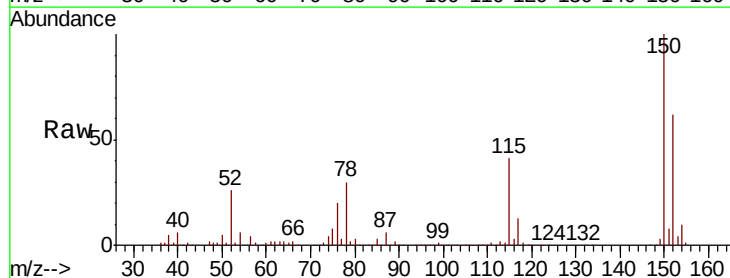
Acq: 16 Dec 2020 17:24

Tgt Ion: 75 Resp: 34255

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

