

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019609.D
 Acq On : 14 Dec 2020 17:04
 Operator : SY/MD
 Sample : L4955-17DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG457DL2

Quant Time: Dec 15 07:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	645904	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	601713	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	278631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	219462	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.76%
7) Chloroethane-d5	1.57	69	187163	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.48%
11) 1,1-Dichloroethene-d2	2.11	63	322682	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.08%
21) 2-Butanone-d5	3.90	46	288356	114.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.54%
24) Chloroform-d	4.35	84	420220	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	5.04	65	293183	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.48%
32) Benzene-d6	5.05	84	834067	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
36) 1,2-Dichloropropane-d6	6.07	67	266648	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.08%
41) Toluene-d8	7.32	98	731594	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	7.62	79	134288	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.09	63	212004	107.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.45%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	352638	51.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.72%
64) 1,2-Dichlorobenzene-d4	11.63	152	270204	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

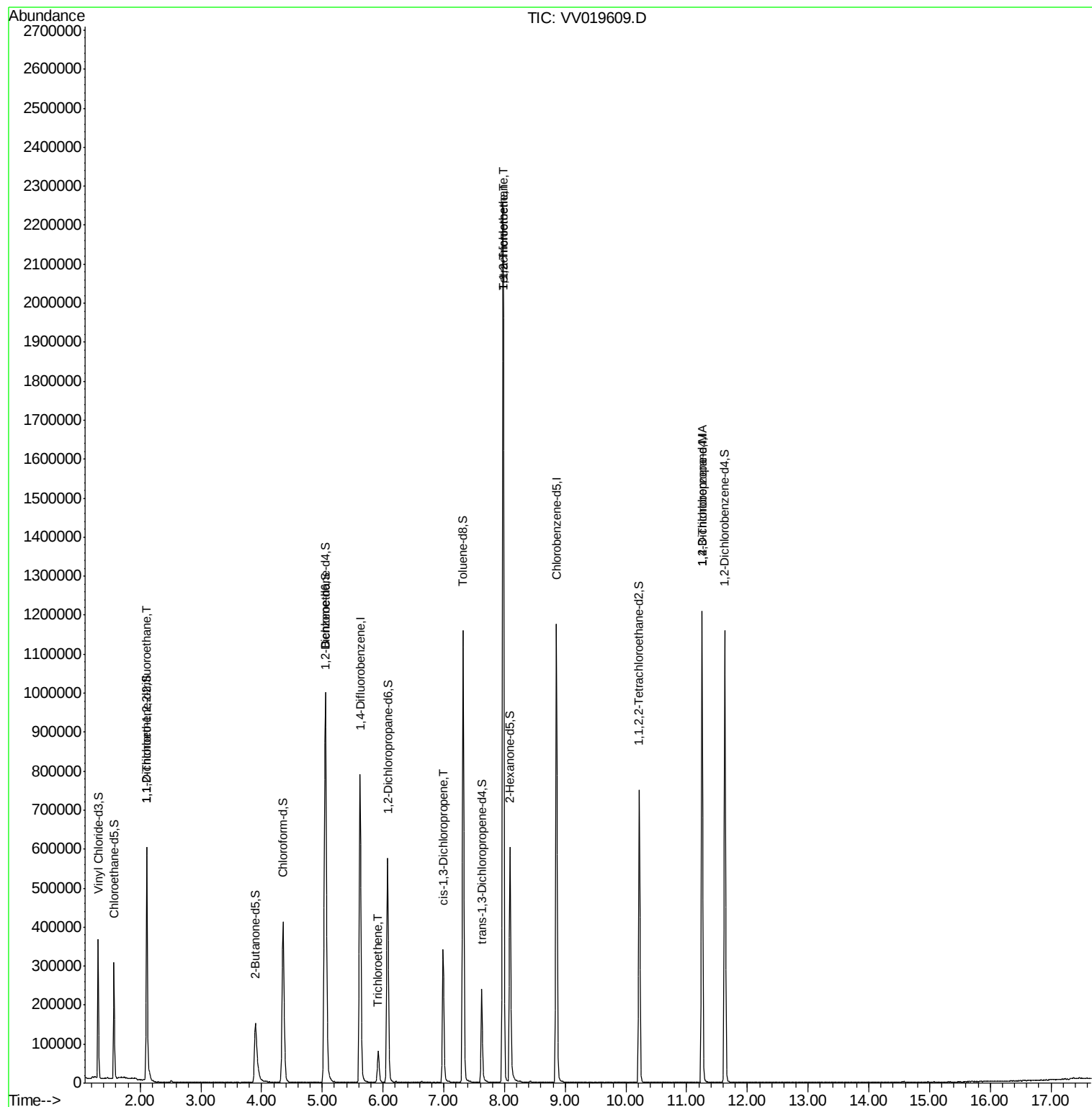
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2950	0.787 ug/L #	22
34) Trichloroethene	5.92	95	26110	5.621 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	8565	1.123 ug/L #	72
45) 1,1,2-Trichloroethane	7.98	97	4467	1.024 ug/L #	4
46) Tetrachloroethene	7.98	164	456896	142.140 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	36885	6.457 ug/L #	87

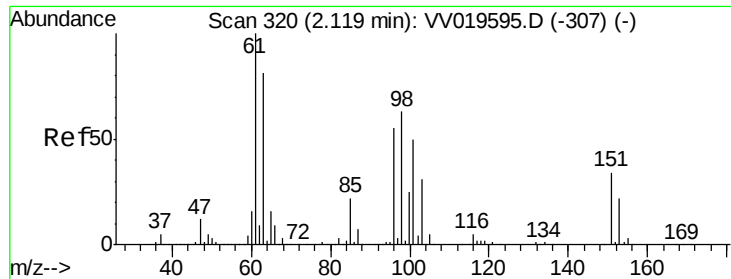
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.787 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019609.D

Acq: 14 Dec 2020 17:04

Instrument :

MSVOA_V

ClientSampled :

BG457DL2

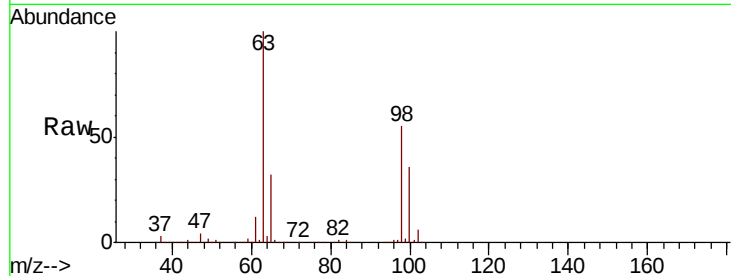
Tot Ion:101 Resp: 2950

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

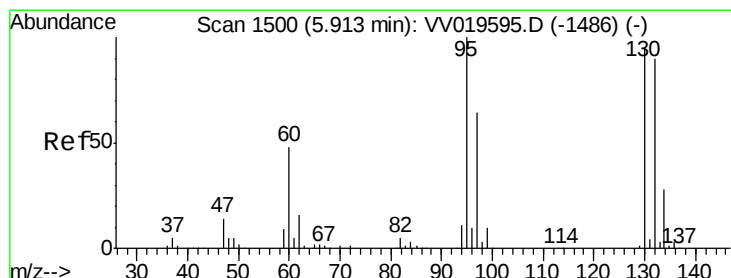
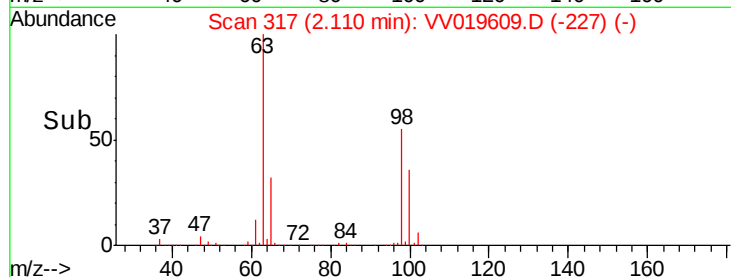
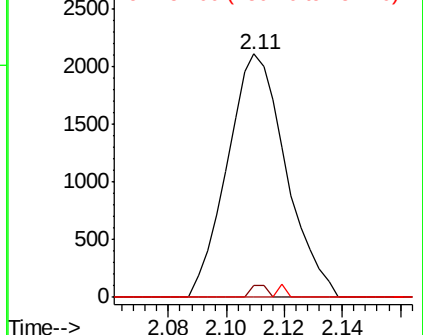
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 5.621 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019609.D

Acq: 14 Dec 2020 17:04

Tgt Ion: 95 Resp: 26110

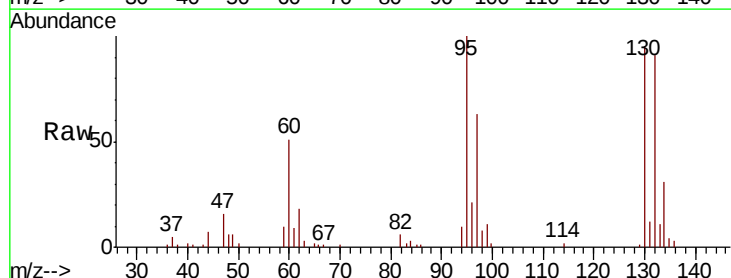
Ion Ratio Lower Upper

95 100

97 63.0 44.4 82.4

132 91.3 64.3 119.3

130 95.4 67.8 125.8

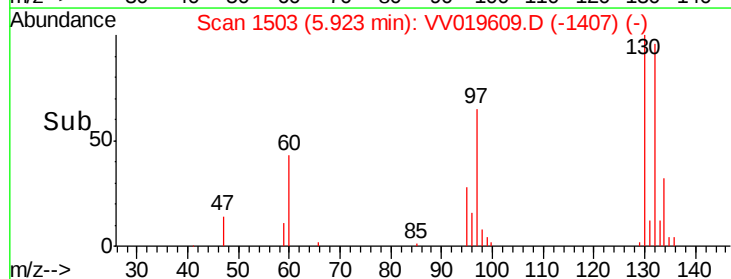
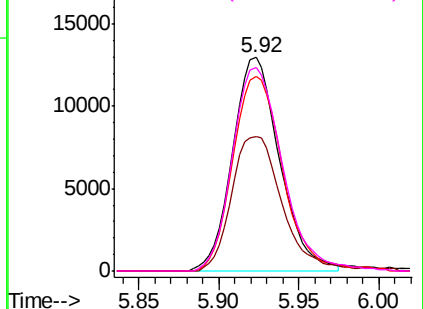


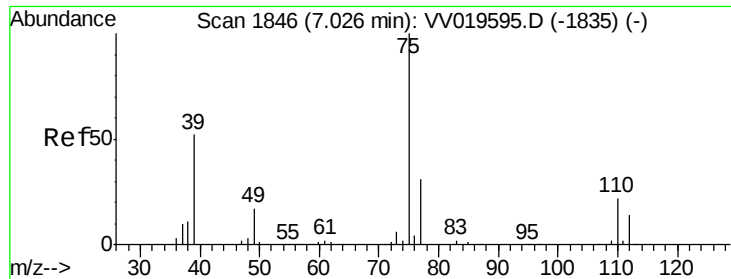
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

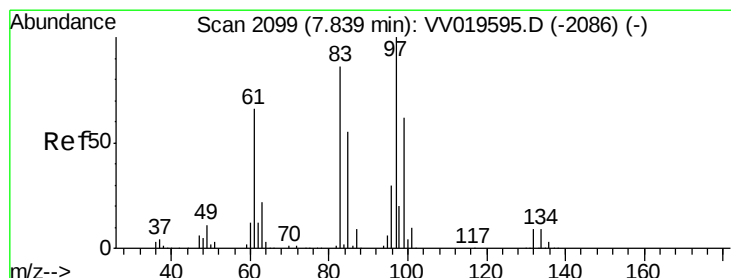
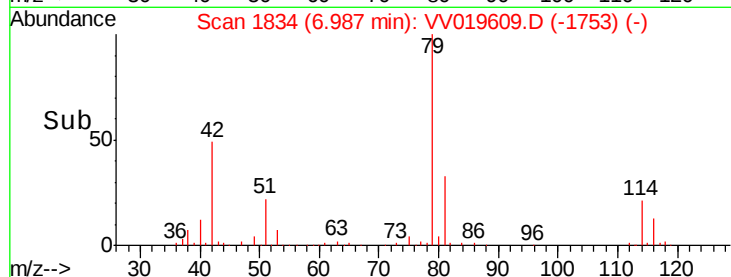
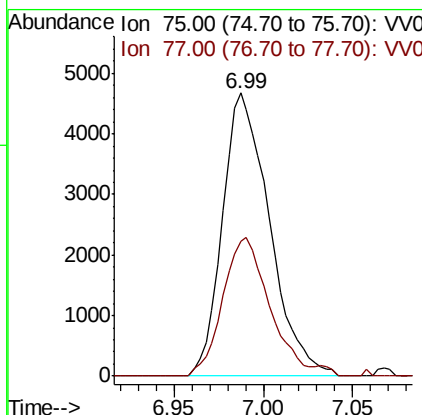
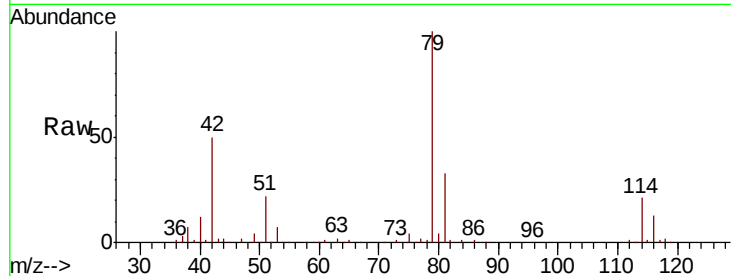




#39
 cis-1,3-Dichloropropene
 Concen: 1.123 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019609.D
 Acq: 14 Dec 2020 17:04

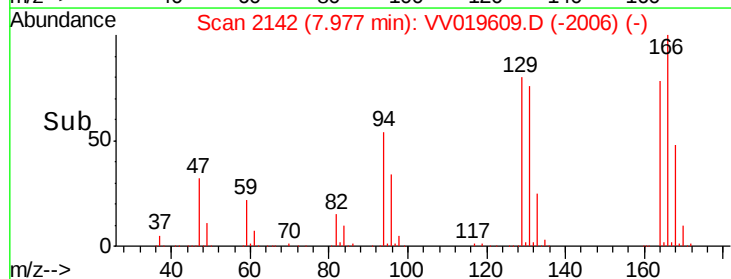
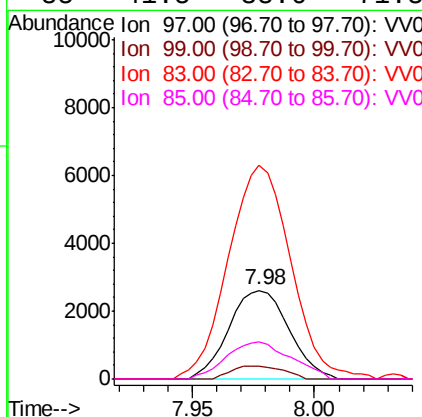
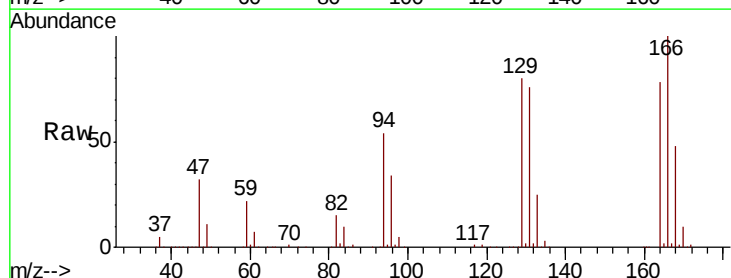
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 MSVOA_V
 ClientSampled :
 BG457DL2

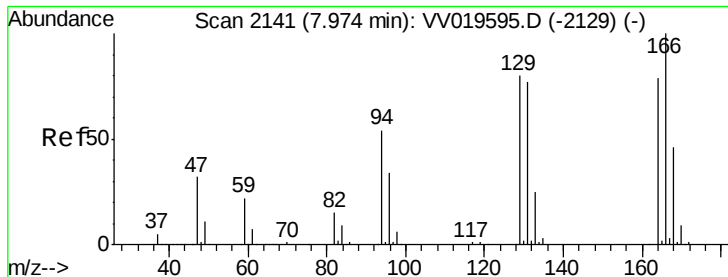
Tot Ion: 75 Resp: 8565
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.4 41.6#



#45
 1,1,2-Trichloroethane
 Concen: 1.024 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. 0.14 min
 Lab File: VV019609.D
 Acq: 14 Dec 2020 17:04

Tgt Ion: 97 Resp: 4467
 Ion Ratio Lower Upper
 97 100
 99 14.1 44.1 81.9#
 83 240.8 60.0 111.4#
 85 41.5 38.6 71.8





#46

Tetrachloroethene

Concen: 142.140 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019609.D

Acq: 14 Dec 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

BG457DL2

Tot Ion:164 Resp: 456896

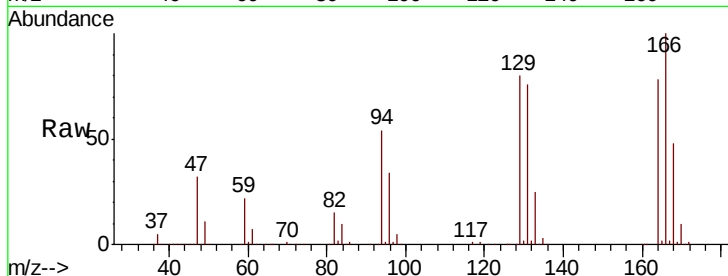
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 98.1 68.0 126.4

166 128.4 86.9 161.5

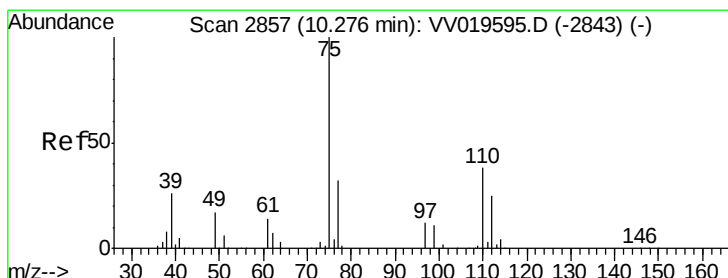
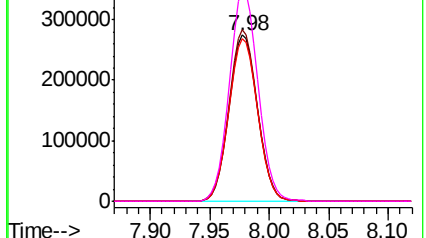
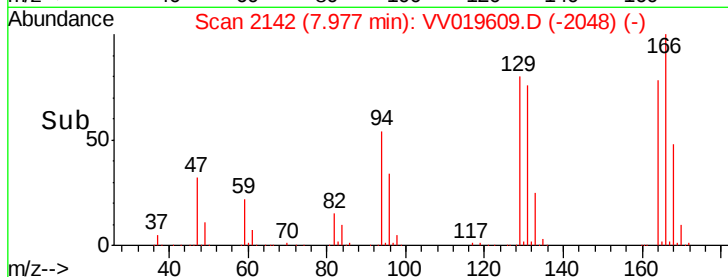


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.457 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019609.D

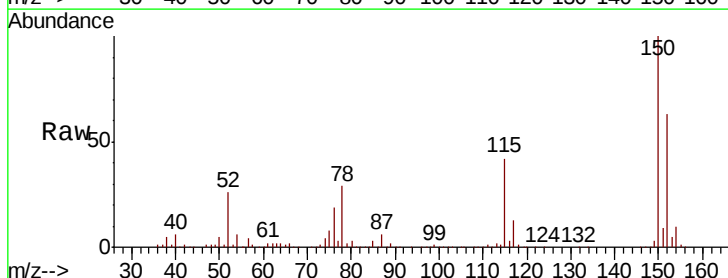
Acq: 14 Dec 2020 17:04

Tgt Ion: 75 Resp: 36885

Ion Ratio Lower Upper

75 100

77 39.8 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

