

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019818.D
 Acq On : 23 Dec 2020 17:46
 Operator : SY/MD
 Sample : L5173-16 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4S9

Quant Time: Dec 23 22:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	695722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	650184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	312460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	220050	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.57	69	189631	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.11	63	329994	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	3.89	46	357131	131.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.70%#
24) Chloroform-d	4.35	84	420901	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
26) 1,2-Dichloroethane-d4	5.04	65	292733	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.05	84	841479	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.07	67	268482	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.32	98	724256	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.63	79	122205	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.09	63	214992	100.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	330220	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.63	152	265629	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

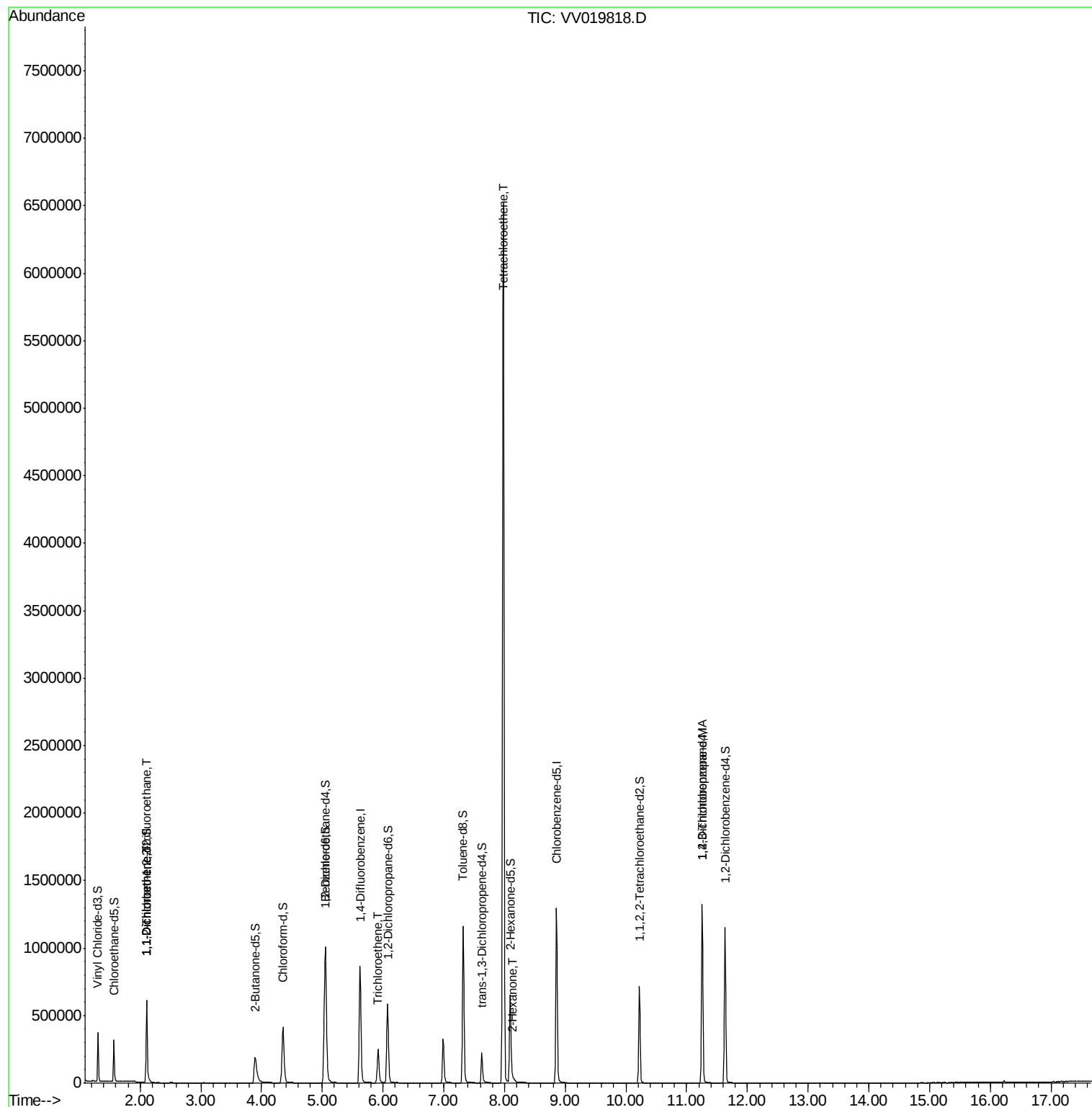
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2963	0.734 ug/L #	24
12) 1,1-Dichloroethene	2.11	96	3770	0.910 ug/L #	1
34) Trichloroethene	5.92	95	85282	16.990 ug/L	98
46) Tetrachloroethene	7.98	164	1299046	374.003 ug/L	98
48) 2-Hexanone	8.15	43	10326	1.901 ug/L #	41
59) 1,2,3-Trichloropropane	11.25	75	43725	7.084 ug/L	98

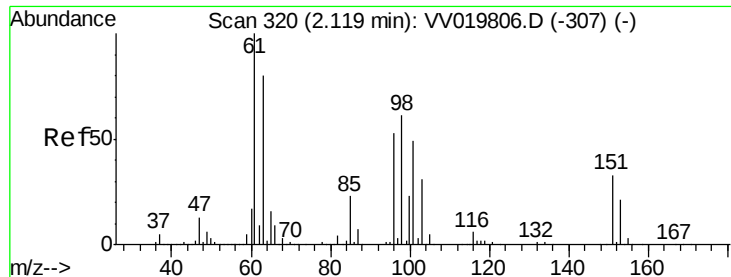
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 22:04:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.734 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.01 min

Lab File: VV019818.D

Acq: 23 Dec 2020 17:46

Instrument :

MSVOA_V

ClientSampled :

BG4S9

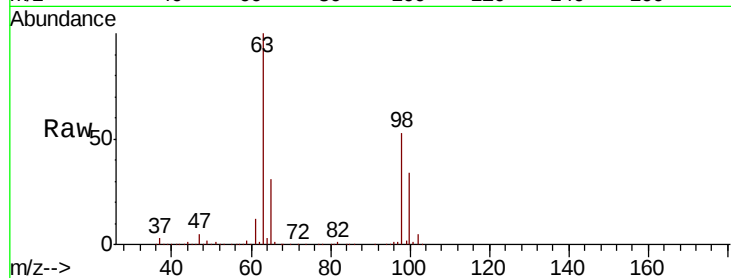
Tot Ion:101 Resp: 2963

Ion Ratio Lower Upper

101 100

85 3.9 35.0 52.4#

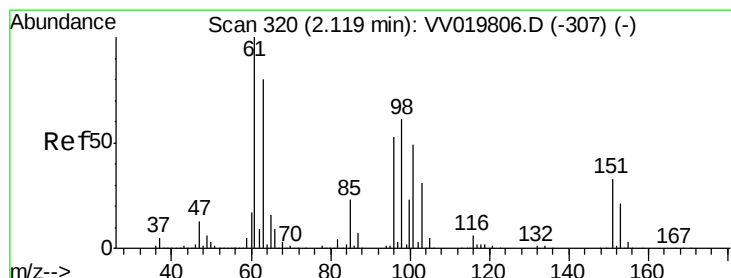
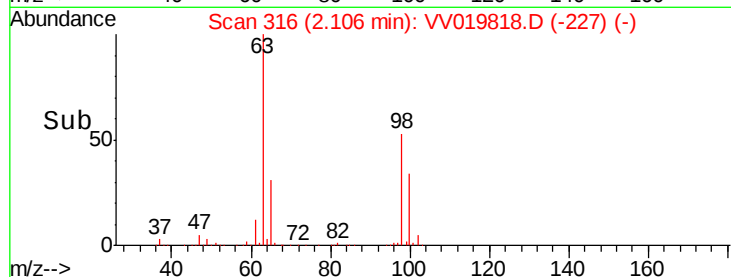
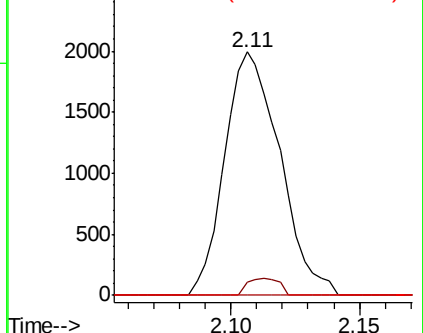
151 0.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 0.910 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019818.D

Acq: 23 Dec 2020 17:46

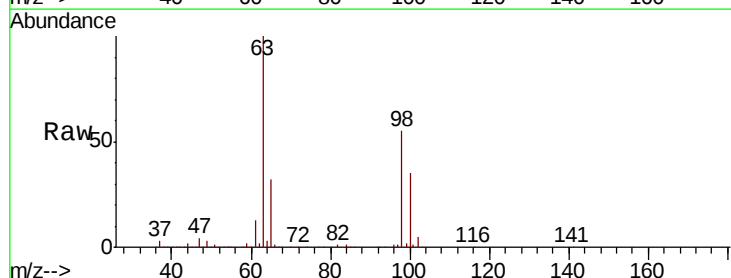
Tgt Ion: 96 Resp: 3770

Ion Ratio Lower Upper

96 100

61 990.2 120.7 224.1#

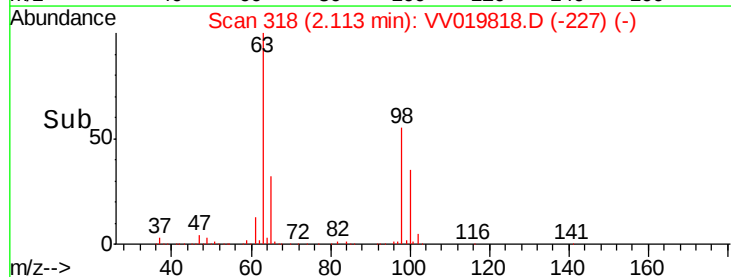
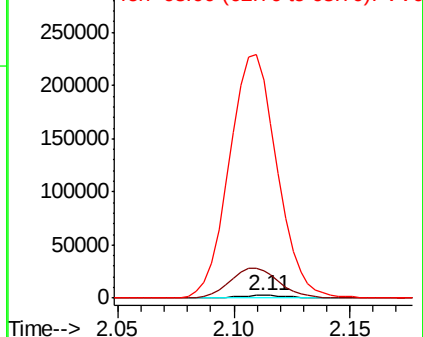
63 7750.0 64.3 119.5#

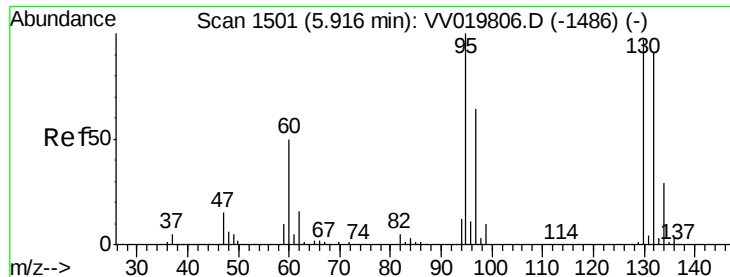


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 16.990 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019818.D

Acq: 23 Dec 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :

BG4S9

Tot Ion: 95 Resp: 85282

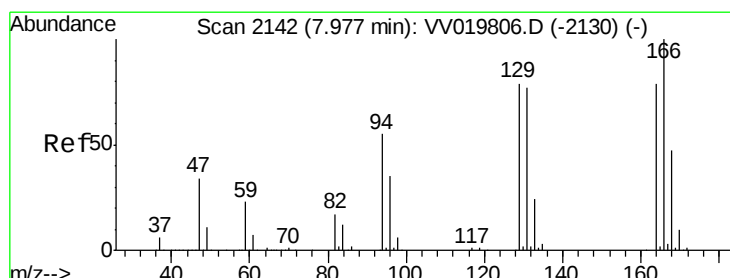
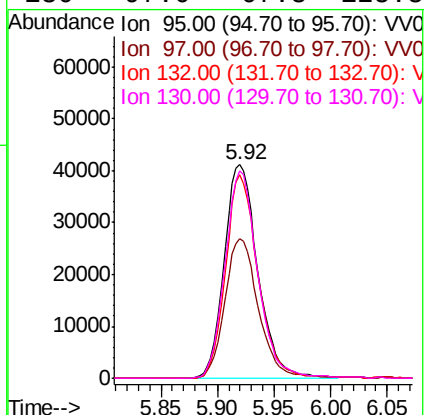
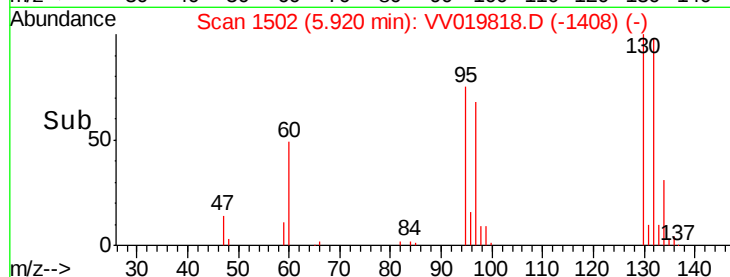
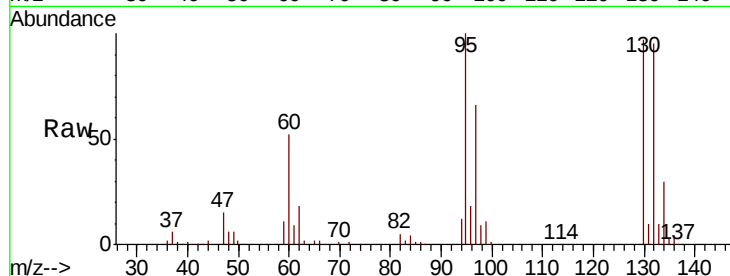
Ion Ratio Lower Upper

95 100

97 65.5 44.4 82.4

132 95.0 64.3 119.3

130 97.0 67.8 125.8



#46

Tetrachloroethene

Concen: 374.003 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019818.D

Acq: 23 Dec 2020 17:46

Tgt Ion:164 Resp: 1299046

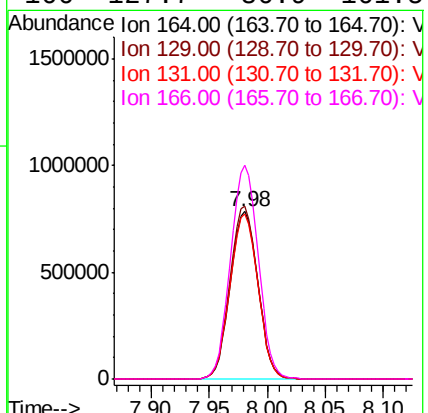
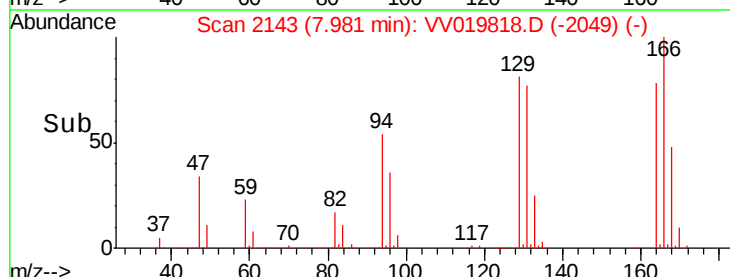
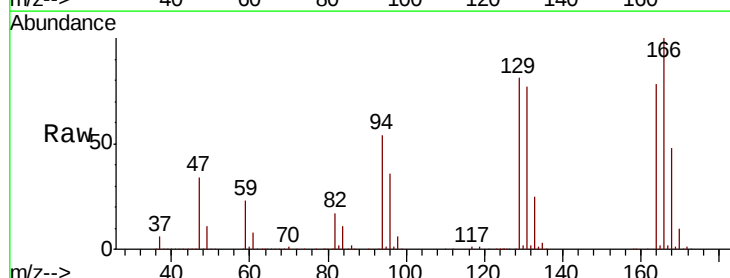
Ion Ratio Lower Upper

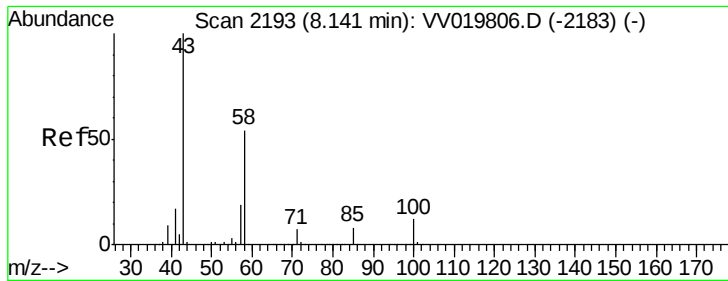
164 100

129 102.9 70.6 131.0

131 98.7 68.0 126.4

166 127.7 86.9 161.5





#48

2-Hexanone

Concen: 1.901 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019818.D

Acq: 23 Dec 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :

BG4S9

Tot Ion: 43 Resp: 10326

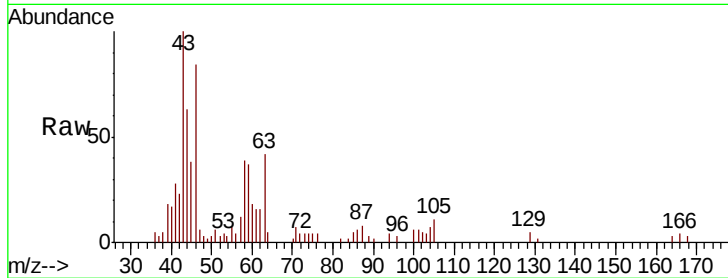
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 2.4 15.7 23.5#

100 6.8 9.9 14.9#



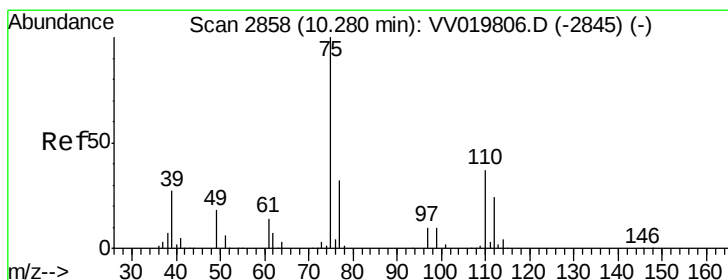
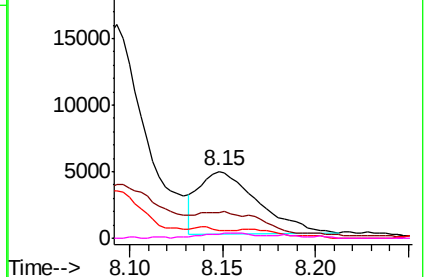
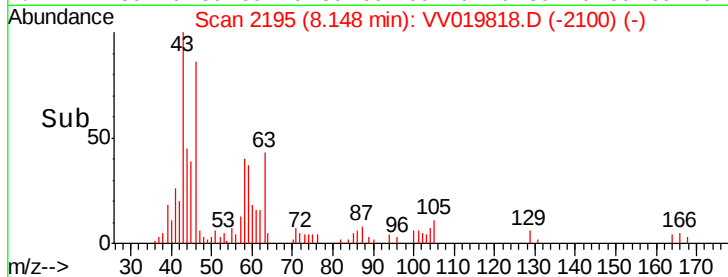
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

Time-->



#59

1,2,3-Trichloropropane

Concen: 7.084 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019818.D

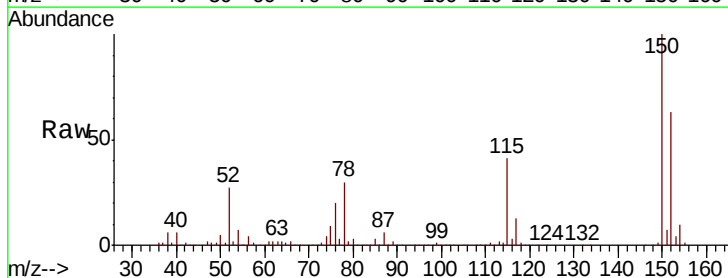
Acq: 23 Dec 2020 17:46

Tgt Ion: 75 Resp: 43725

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Time-->

