

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019190.D
 Acq On : 30 Oct 2020 17:26
 Operator : SY/MD
 Sample : L4543-01DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG455DL

Quant Time: Oct 31 03:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	226139	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	217758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81127	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.28%
7) Chloroethane-d5	1.58	69	66697	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.54%
11) 1,1-Dichloroethene-d2	2.12	63	121954	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.91	46	107357	97.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.38	84	162925	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.06	65	117150	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	304355	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
36) 1,2-Dichloropropane-d6	6.09	67	94701	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.84%
41) Toluene-d8	7.34	98	276332	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.64	79	49135	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.11	63	76097	95.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117456	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	117455	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds

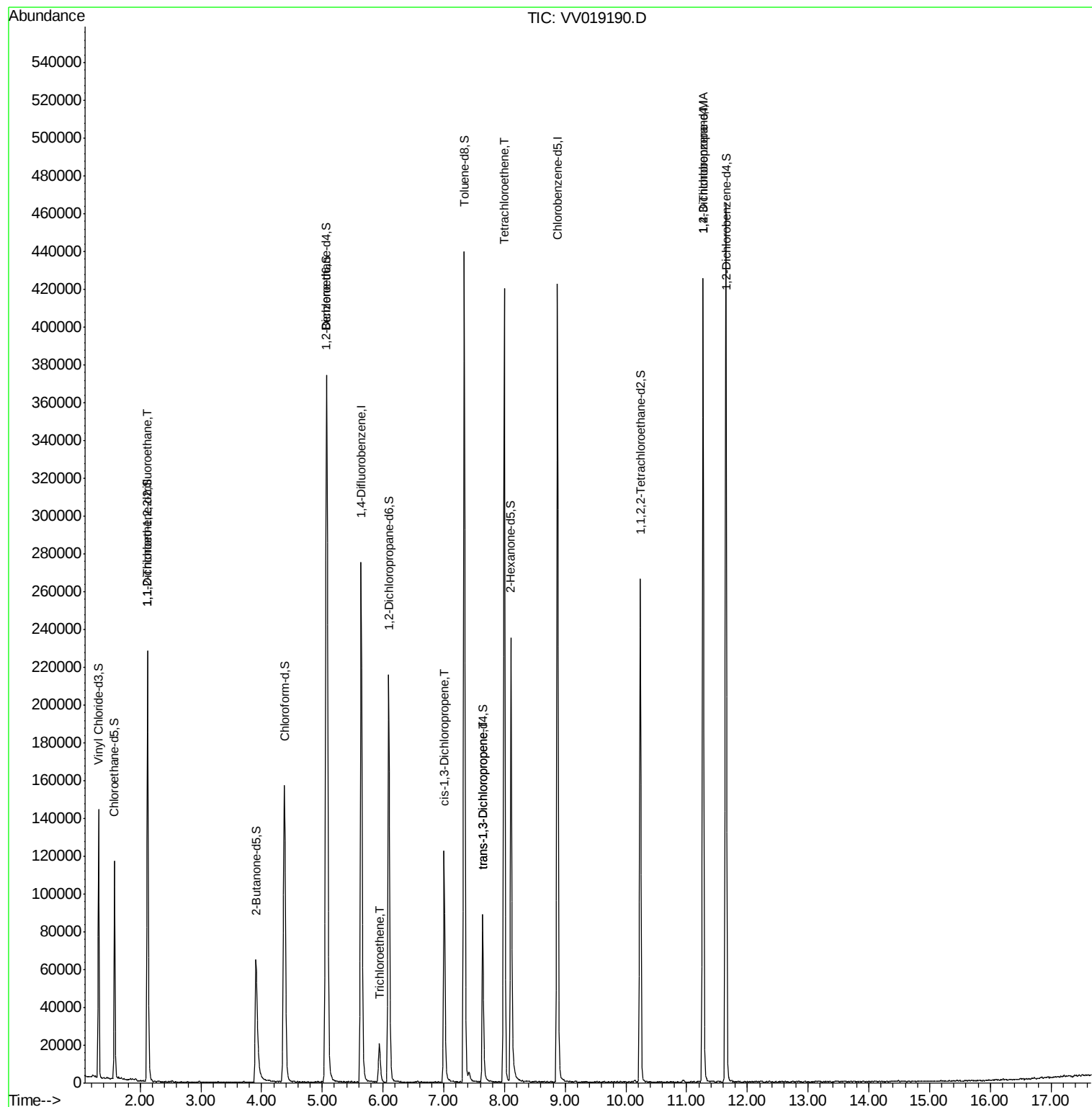
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1013	0.684 ug/L #	17
34) Trichloroethene	5.94	95	5681	3.303 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	3538	1.374 ug/L #	58
44) trans-1,3-Dichloropropene	7.64	75	2513	0.938 ug/L #	83
46) Tetrachloroethene	8.00	164	93197	63.456 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	10953	5.374 ug/L #	78

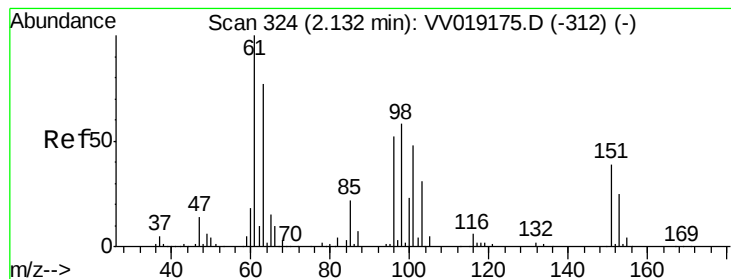
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.684 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019190.D

Acq: 30 Oct 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

BG455DL

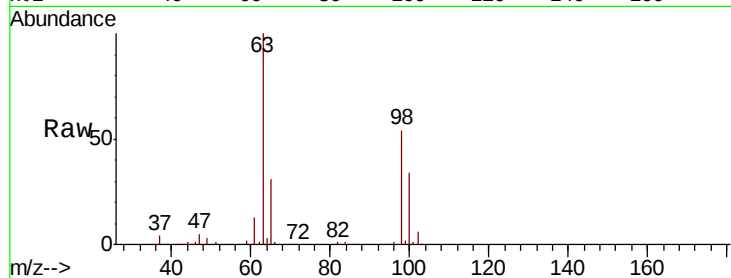
Tot Ion:101 Resp: 1013

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 65.0 97.4#



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

2.12

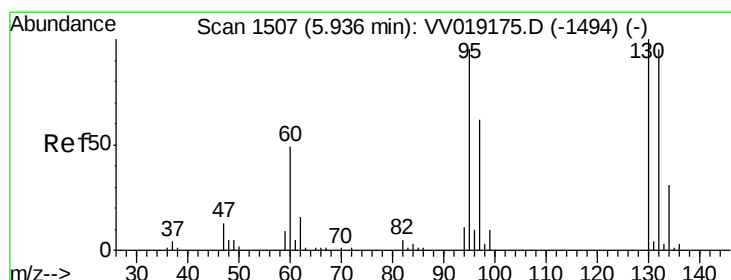
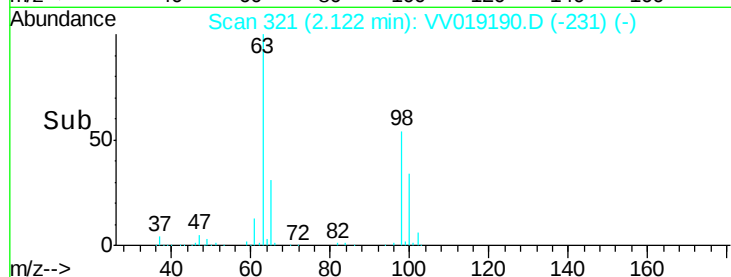
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 3.303 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019190.D

Acq: 30 Oct 2020 17:26

Tgt Ion: 95 Resp: 5681

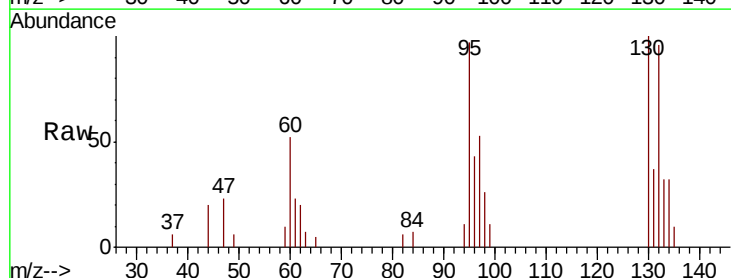
Ion Ratio Lower Upper

95 100

97 54.8 43.4 80.6

132 98.6 69.7 129.4

130 102.6 72.4 134.5



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

5.94

4000

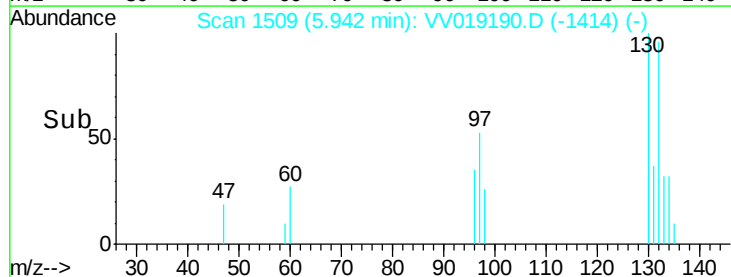
3000

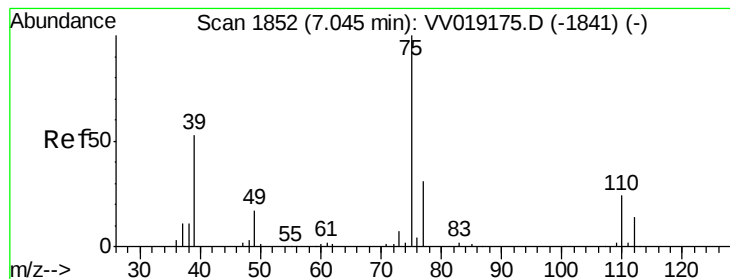
2000

1000

0

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.374 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019190.D

Acq: 30 Oct 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

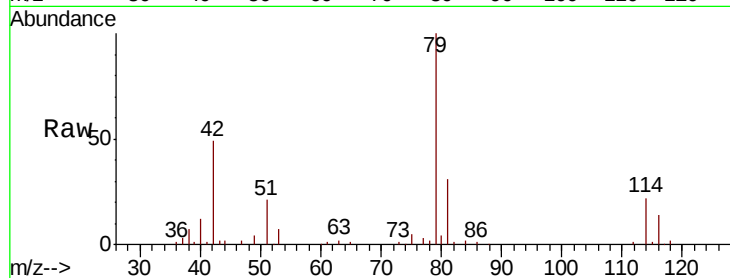
BG455DL

Tot Ion: 75 Resp: 3538

Ion Ratio Lower Upper

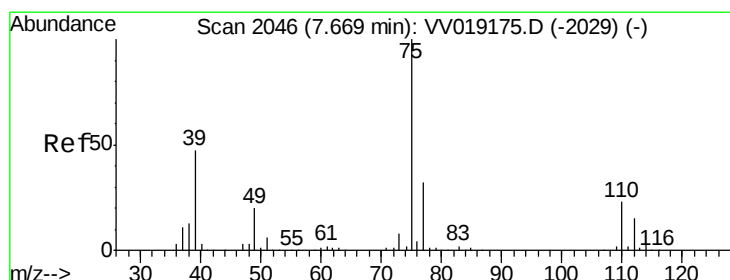
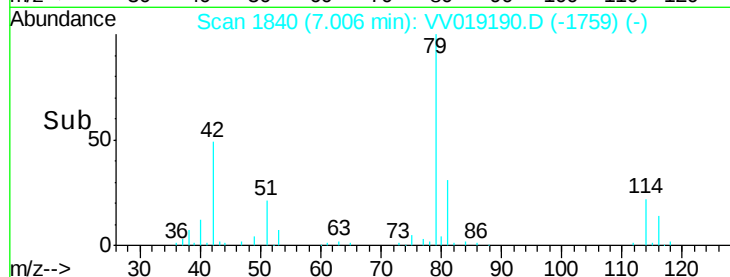
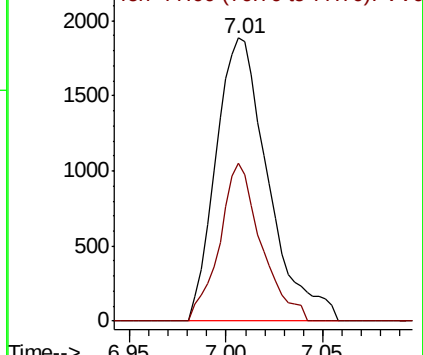
75 100

77 55.9 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019190.D

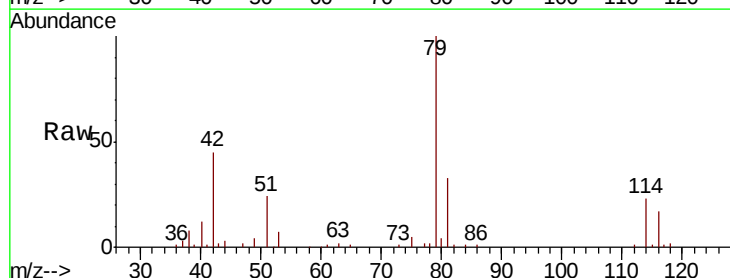
Acq: 30 Oct 2020 17:26

Tgt Ion: 75 Resp: 2513

Ion Ratio Lower Upper

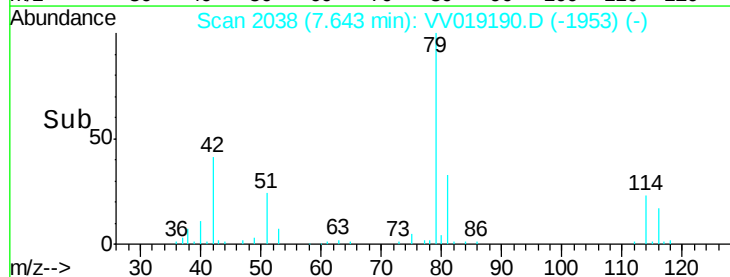
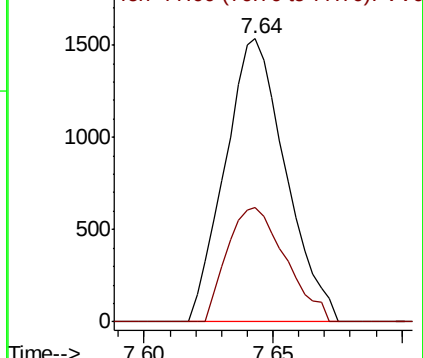
75 100

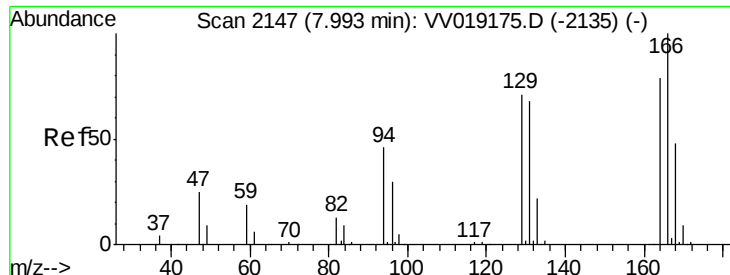
77 40.6 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 63.456 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019190.D

Acq: 30 Oct 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

BG455DL

Tot Ion:164 Resp: 93197

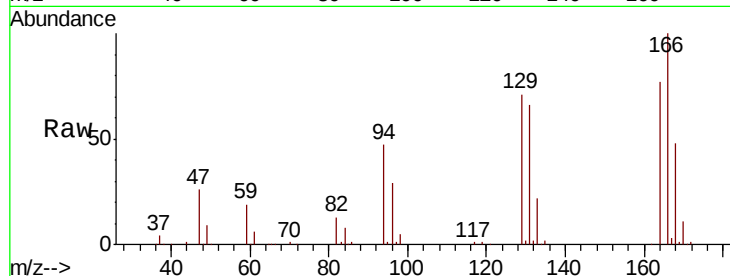
Ion Ratio Lower Upper

164 100

129 91.3 63.2 117.4

131 85.3 60.3 112.1

166 129.4 88.3 163.9

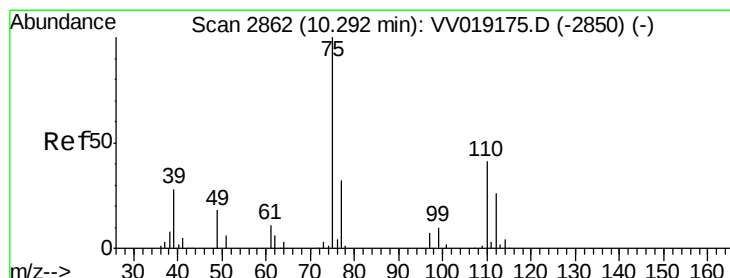
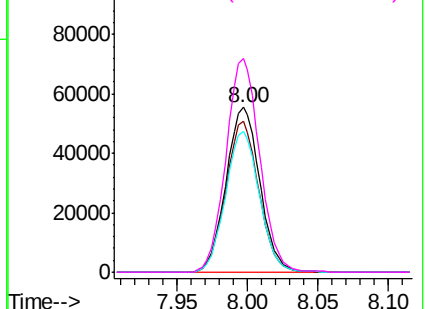
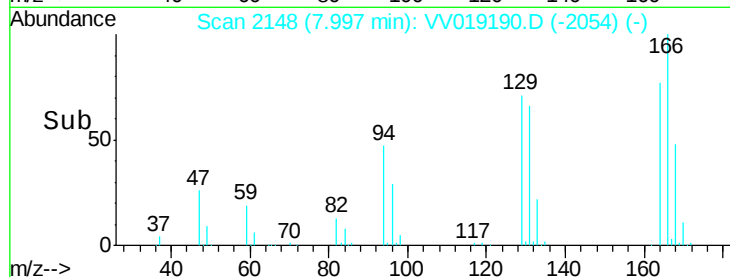


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.374 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019190.D

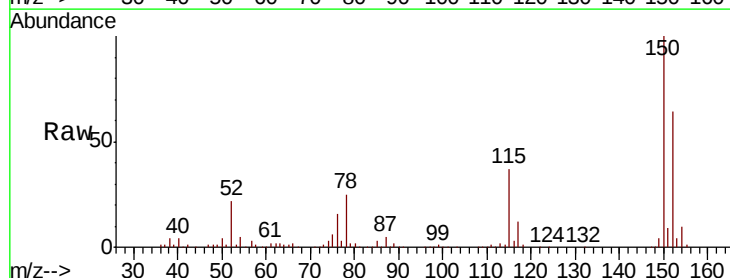
Acq: 30 Oct 2020 17:26

Tgt Ion: 75 Resp: 10953

Ion Ratio Lower Upper

75 100

77 45.2 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

