

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019168.D
 Acq On : 30 Oct 2020 00:45
 Operator : SY/MD
 Sample : L4502-18ME 40X
 Misc : 6.04g/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441ME

Quant Time: Oct 30 05:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241671	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237233	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78338	40.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.58%
7) Chloroethane-d5	1.58	69	63432	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.12	63	117490	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.90	46	104790	89.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	4.37	84	155441	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.06	65	114569	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.07	84	293673	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
36) 1,2-Dichloropropane-d6	6.09	67	90744	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.44%
41) Toluene-d8	7.34	98	268627	41.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.10%
43) trans-1,3-Dichloropropene-	7.64	79	48227	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.08%
47) 2-Hexanone-d5	8.11	63	76007	87.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.47%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	117356	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	116266	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

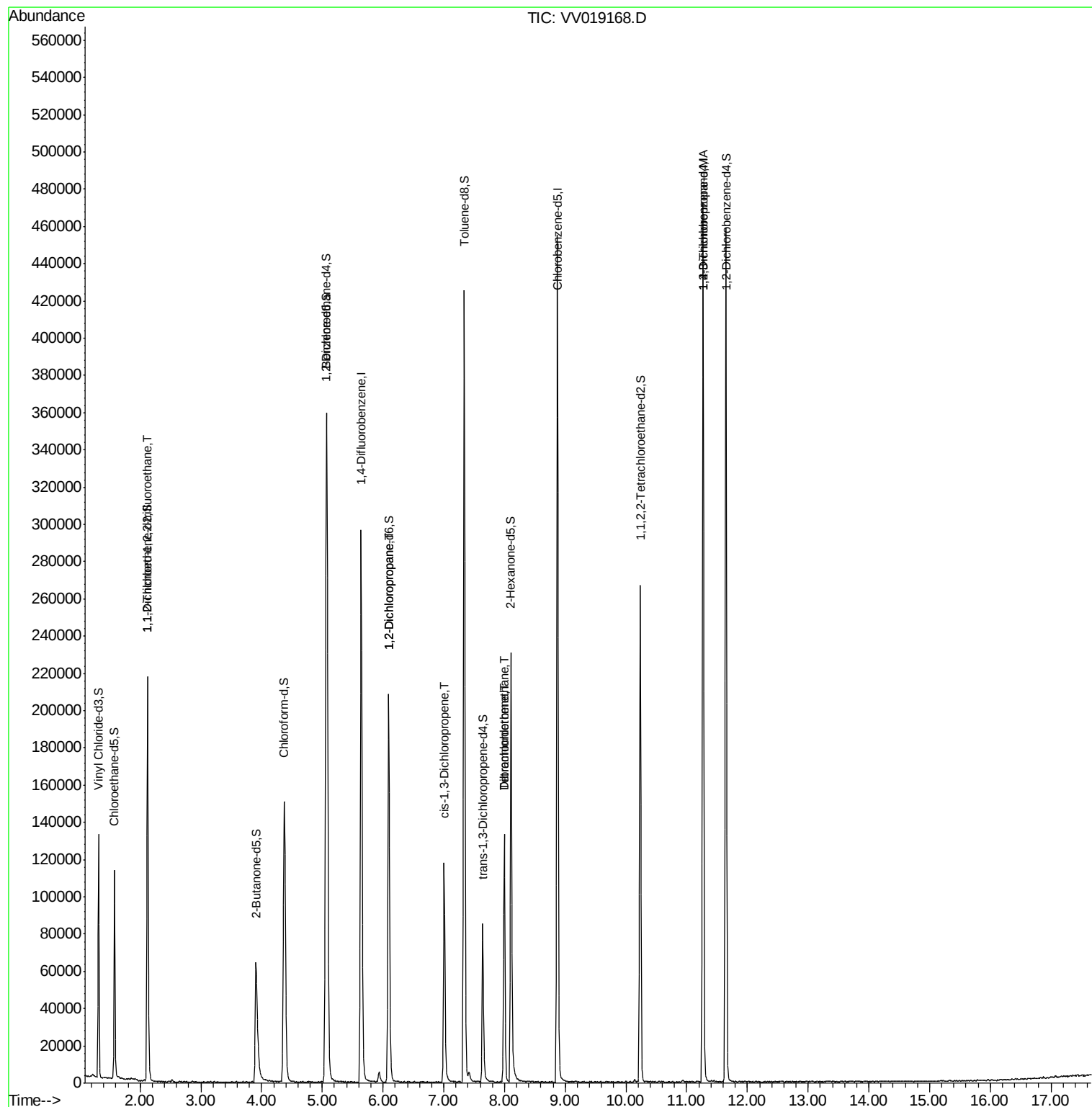
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1057	0.668 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11543	6.795 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3392	1.209 ug/L #	78
46) Tetrachloroethene	8.00	164	30293	18.933 ug/L	95
49) Dibromochloromethane	8.00	129	25881	12.547 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	12751	5.742 ug/L #	85

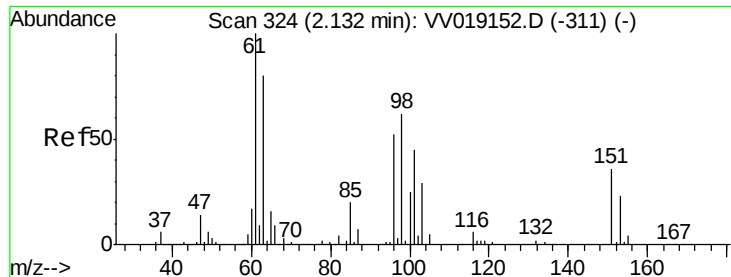
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.668 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019168.D

Acq: 30 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampled :

BG441ME

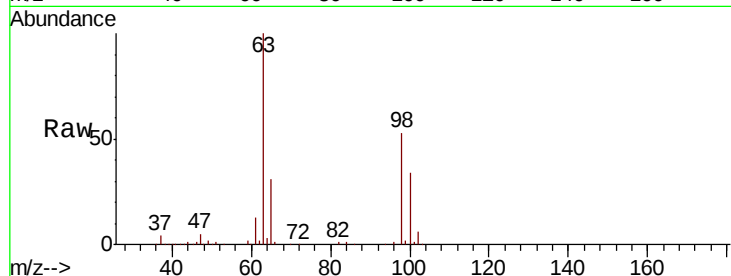
Tot Ion:101 Resp: 1057

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

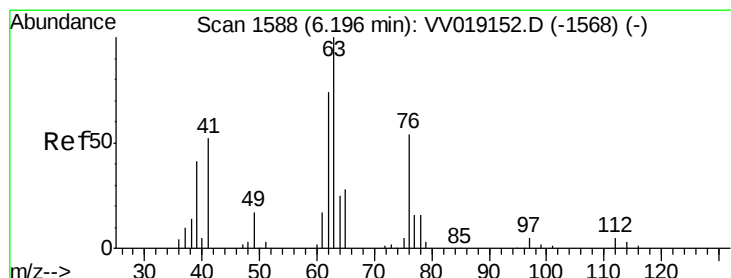
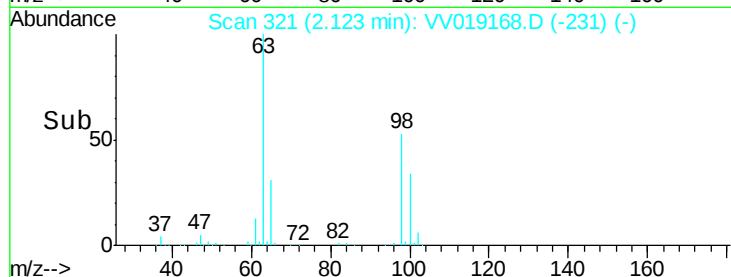
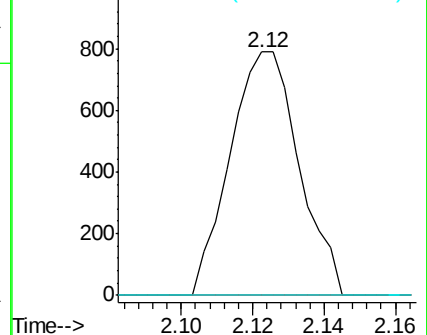
151 0.0 65.0 97.4#



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



#37

1,2-Dichloropropane

Concen: 6.795 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019168.D

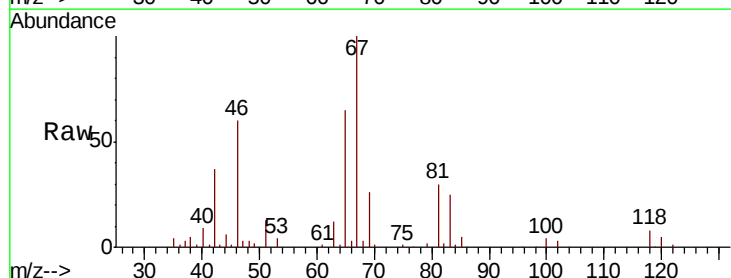
Acq: 30 Oct 2020 00:45

Tgt Ion: 63 Resp: 11543

Ion Ratio Lower Upper

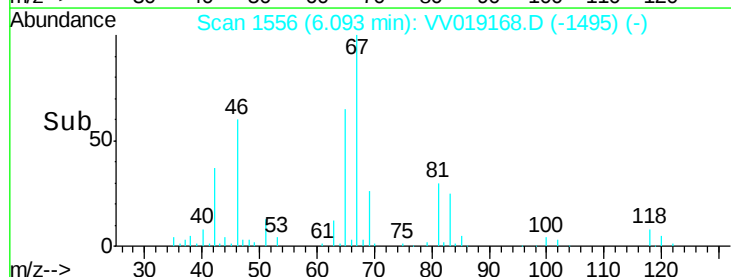
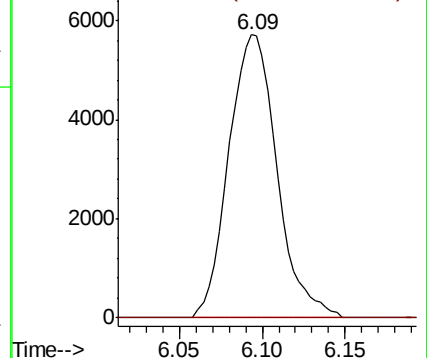
63 100

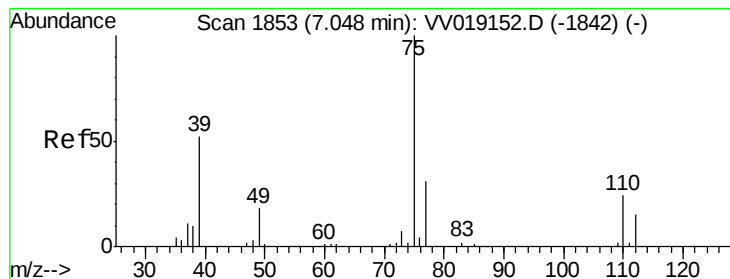
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.209 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019168.D

Acq: 30 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

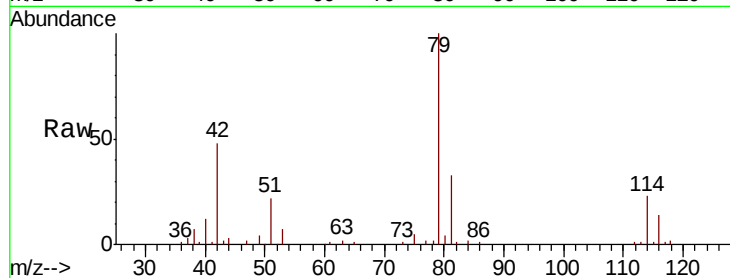
BG441ME

Tot Ion: 75 Resp: 3392

Ion Ratio Lower Upper

75 100

77 44.8 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019152.D (-1842) (-)

Ion 77.00 (76.70 to 77.70): VV019152.D (-1842) (-)

7.01

2000

1500

1000

500

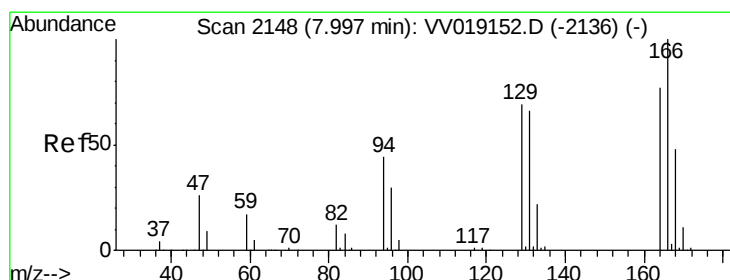
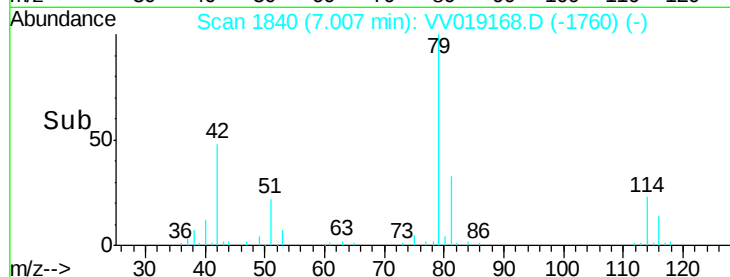
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 18.933 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019168.D

Acq: 30 Oct 2020 00:45

Tgt Ion: 164 Resp: 30293

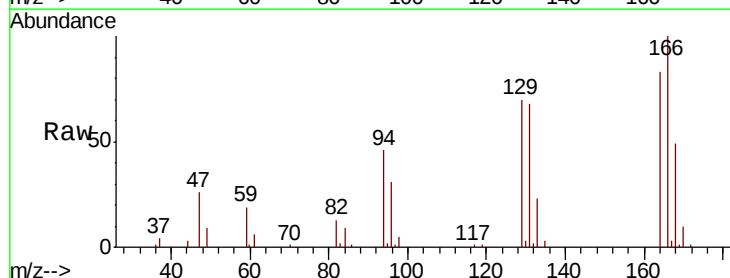
Ion Ratio Lower Upper

164 100

129 85.1 63.2 117.4

131 81.9 60.3 112.1

166 120.7 88.3 163.9



Abundance Ion 164.00 (163.70 to 164.70): VV019152.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV019152.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV019152.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV019152.D (-2136) (-)

8.00

30000

20000

10000

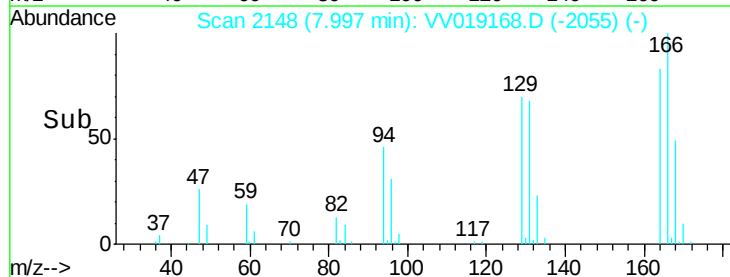
0

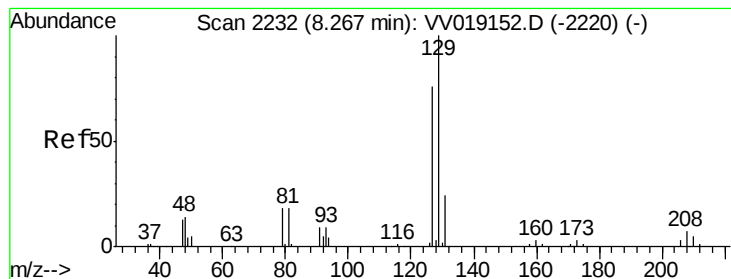
7.95

8.00

8.05

Time-->





#49

Dibromochloromethane

Concen: 12.547 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019168.D

Acq: 30 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

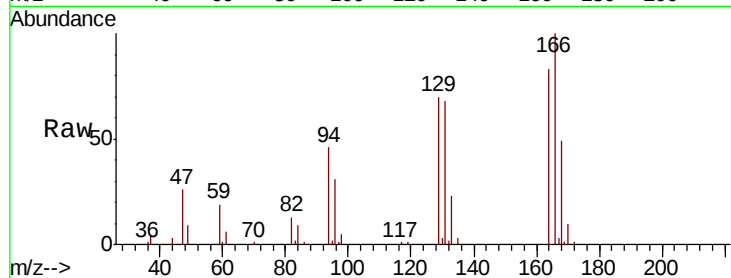
BG441ME

Tot Ion:129 Resp: 25881

Ion Ratio Lower Upper

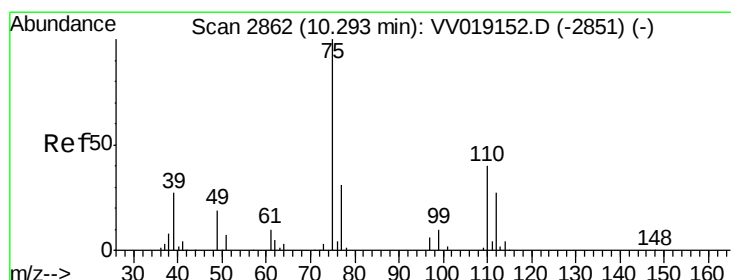
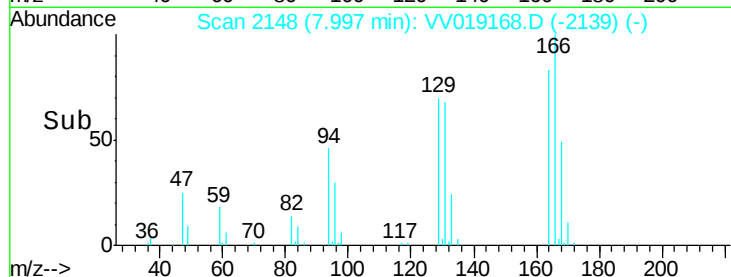
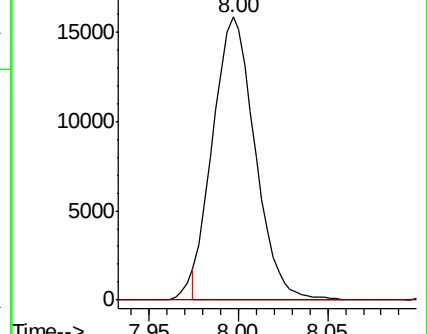
129 100

127 0.0 54.7 101.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.742 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019168.D

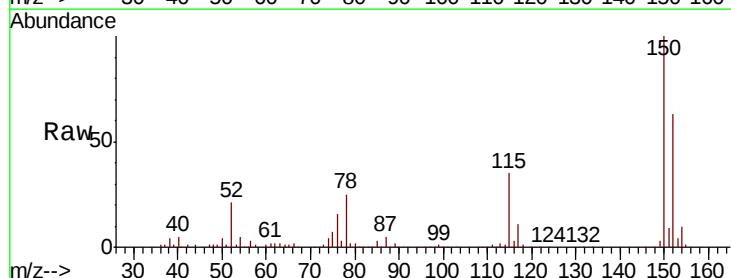
Acq: 30 Oct 2020 00:45

Tgt Ion: 75 Resp: 12751

Ion Ratio Lower Upper

75 100

77 41.5 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

