

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018762.D
 Acq On : 08 Oct 2020 14:02
 Operator : SY/MD
 Sample : L4235-23
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Oct 09 07:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346151	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88800	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.58	69	85340	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	2.12	63	150963	36.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.00%
21) 2-Butanone-d5	3.91	46	153787	101.56	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.38	84	204997	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	142658	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.07	84	395761	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.09	67	125533	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.34	98	327025	41.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.64%
43) trans-1,3-Dichloropropene-	7.64	79	57240	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
47) 2-Hexanone-d5	8.11	63	70695	73.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139473	41.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	139749	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%

Target Compounds

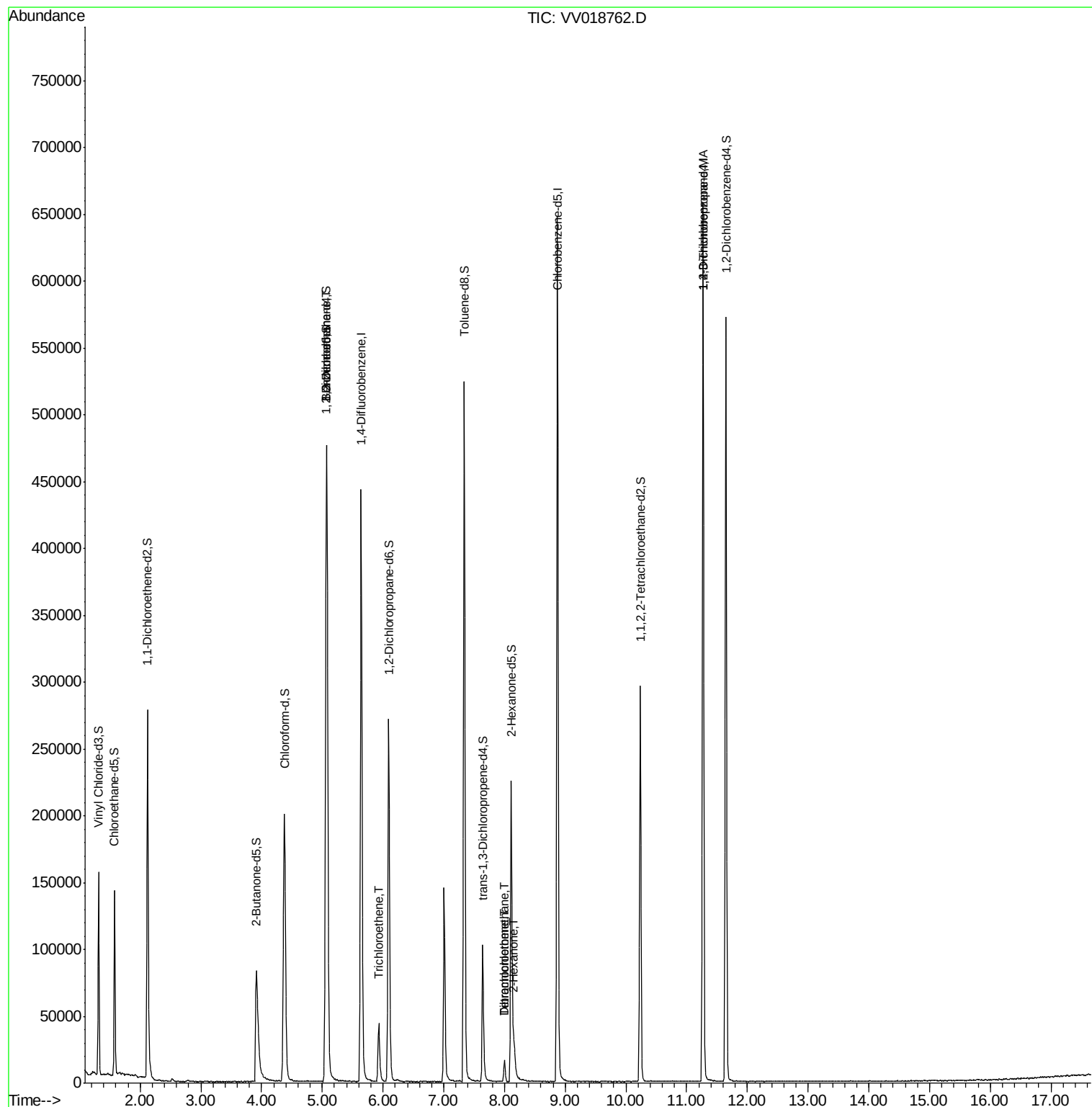
					Ovalue
27) 1,2-Dichloroethane	5.07	62	2772	0.778 ug/L	96
34) Trichloroethene	5.94	95	2150	0.759 ug/L	89
46) Tetrachloroethene	8.00	164	3743	1.629 ug/L	98
48) 2-Hexanone	8.16	43	13955	5.537 ug/L #	83
49) Dibromochloromethane	8.00	129	3372	1.190 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	20136	6.613 ug/L	92

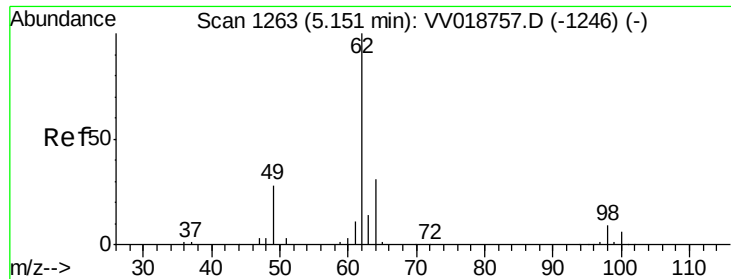
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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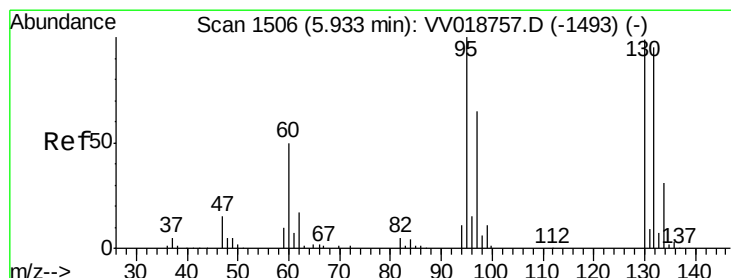
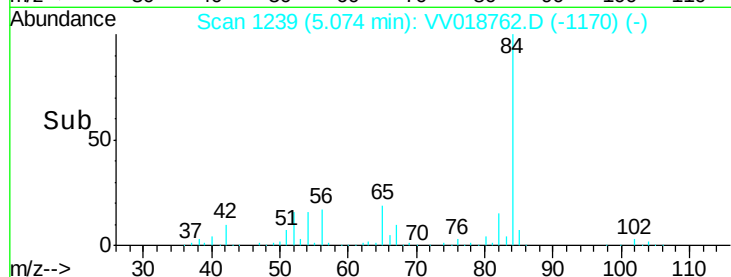
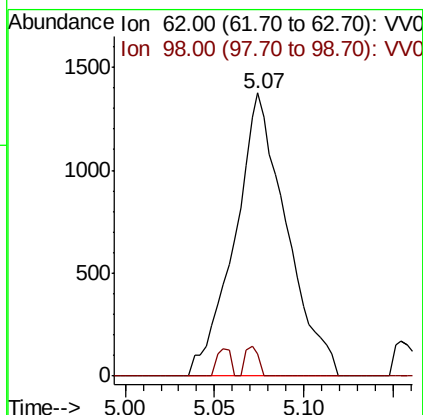
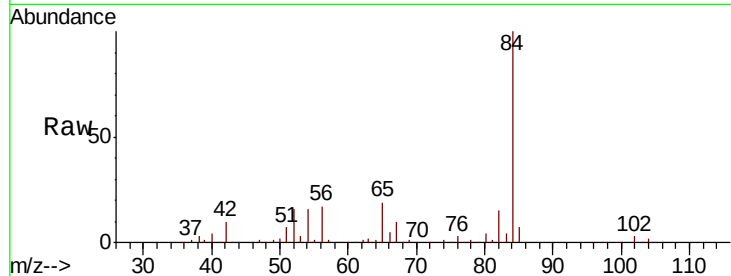




#27
 1,2-Dichloroethane
 Concen: 0.778 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018762.D
 Acq: 08 Oct 2020 14:02

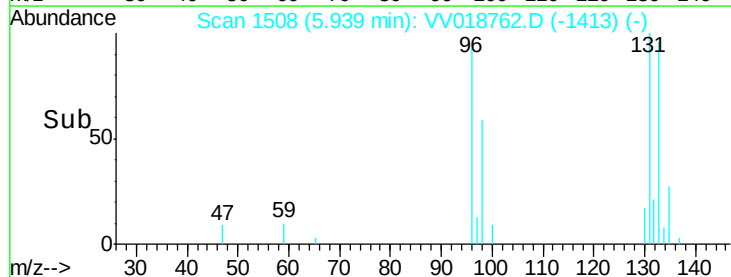
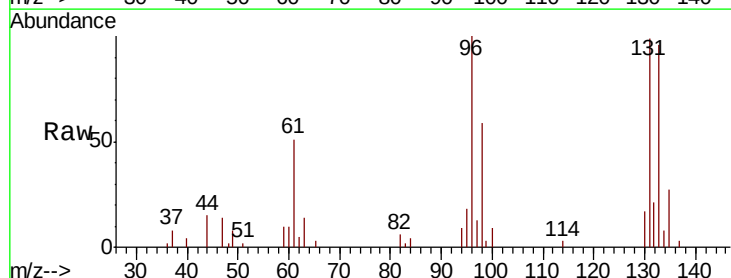
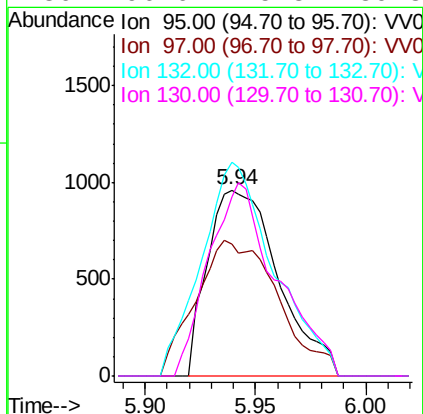
Instrument :
 MSVOA_V
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 VHBLK02

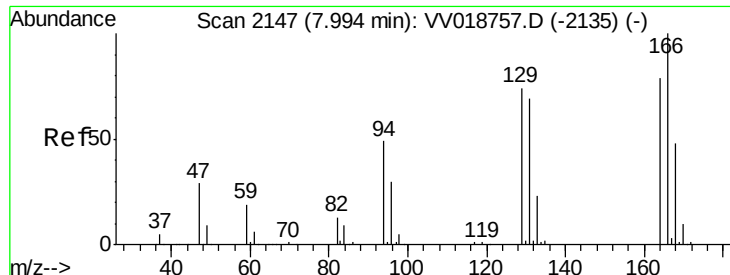
Tot Ion: 62 Resp: 2772
 Ion Ratio Lower Upper
 62 100
 98 8.0 7.7 11.5



#34
 Trichloroethene
 Concen: 0.759 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018762.D
 Acq: 08 Oct 2020 14:02

Tgt Ion: 95 Resp: 2150
 Ion Ratio Lower Upper
 95 100
 97 70.7 45.9 85.3
 132 114.9 70.8 131.4
 130 96.6 75.3 139.8





#46

Tetrachloroethene

Concen: 1.629 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018762.D

Acq: 08 Oct 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tot Ion:164 Resp: 3743

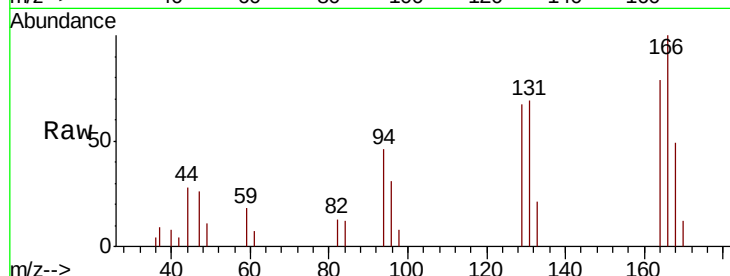
Ion Ratio Lower Upper

164 100

129 85.7 62.8 116.6

131 88.1 60.8 112.8

166 127.1 88.9 165.1

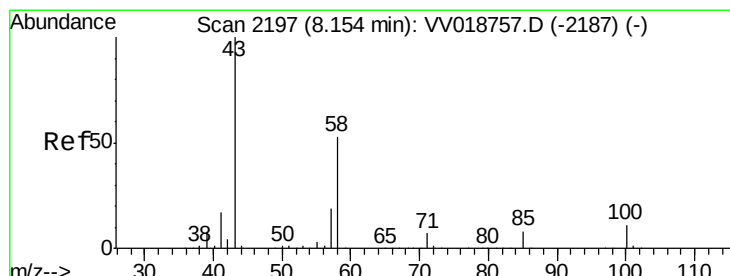
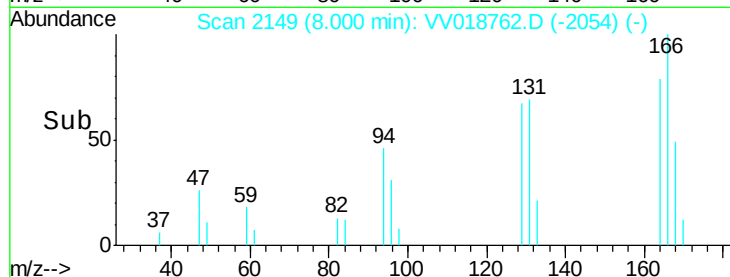
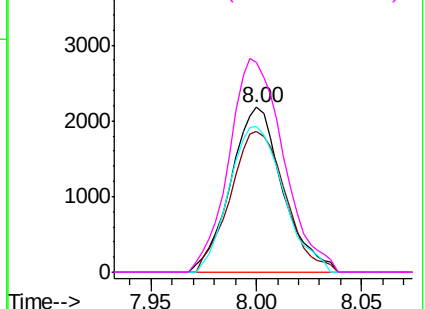


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.537 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018762.D

Acq: 08 Oct 2020 14:02

Tgt Ion: 43 Resp: 13955

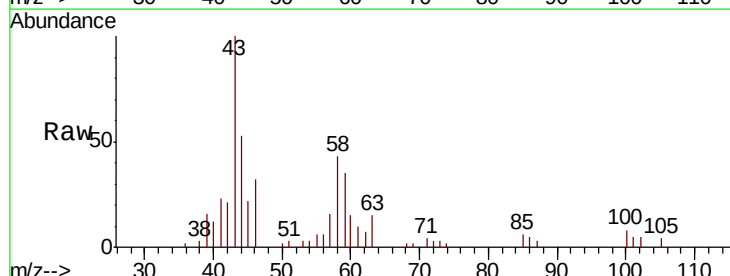
Ion Ratio Lower Upper

43 100

58 42.3 45.1 67.7#

57 15.0 15.7 23.5#

100 7.1 11.0 16.4#

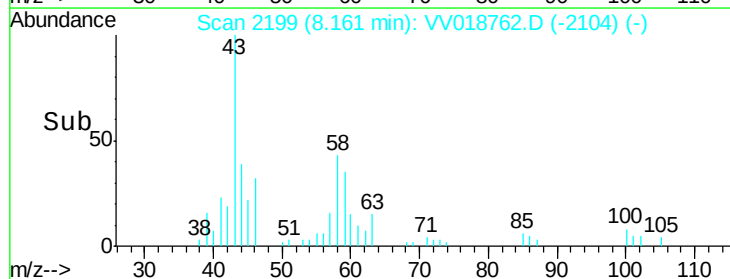
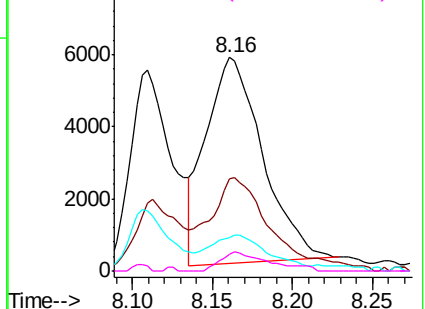


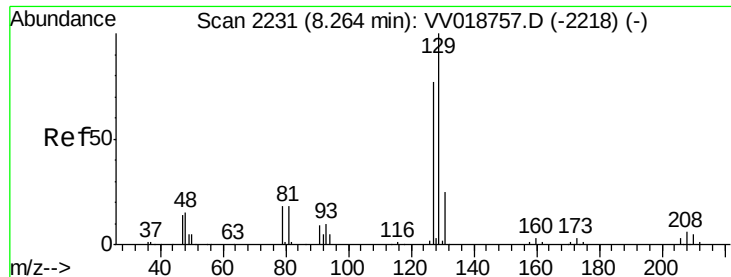
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 1.190 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV018762.D

Acq: 08 Oct 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

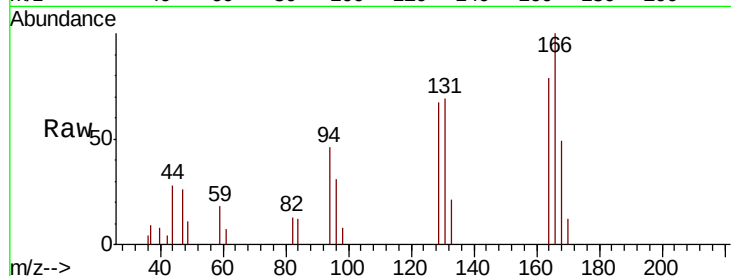
VHBLK02

Tot Ion:129 Resp: 3372

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

2000

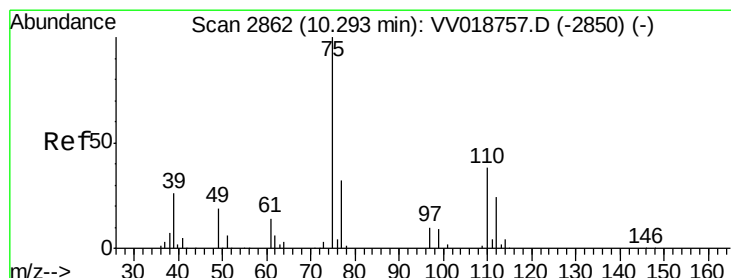
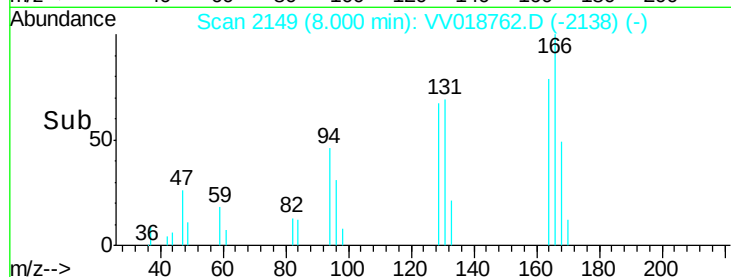
1500

1000

500

0

Time--> 7.95 8.00 8.05



#59

1,2,3-Trichloropropane

Concen: 6.613 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018762.D

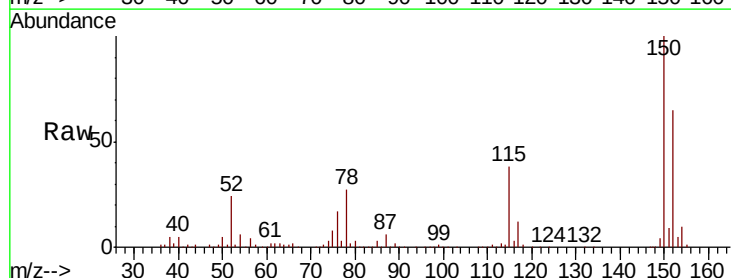
Acq: 08 Oct 2020 14:02

Tgt Ion: 75 Resp: 20136

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

15000

11000

5000

0

Time--> 11.20 11.25 11.30

