

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018709.D
 Acq On : 06 Oct 2020 23:32
 Operator : SY/MD
 Sample : L4287-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:25:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272012	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77144	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.58	69	65184	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.84%
11) 1,1-Dichloroethene-d2	2.12	63	124075	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.34%
21) 2-Butanone-d5	3.90	46	107920	90.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.69%
24) Chloroform-d	4.37	84	158318	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.06	65	111379	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.07	84	304024	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
36) 1,2-Dichloropropane-d6	6.09	67	105471	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.22%
41) Toluene-d8	7.34	98	270838	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%
43) trans-1,3-Dichloropropene-	7.64	79	43272	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
47) 2-Hexanone-d5	8.11	63	58493	75.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113775	42.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	112976	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

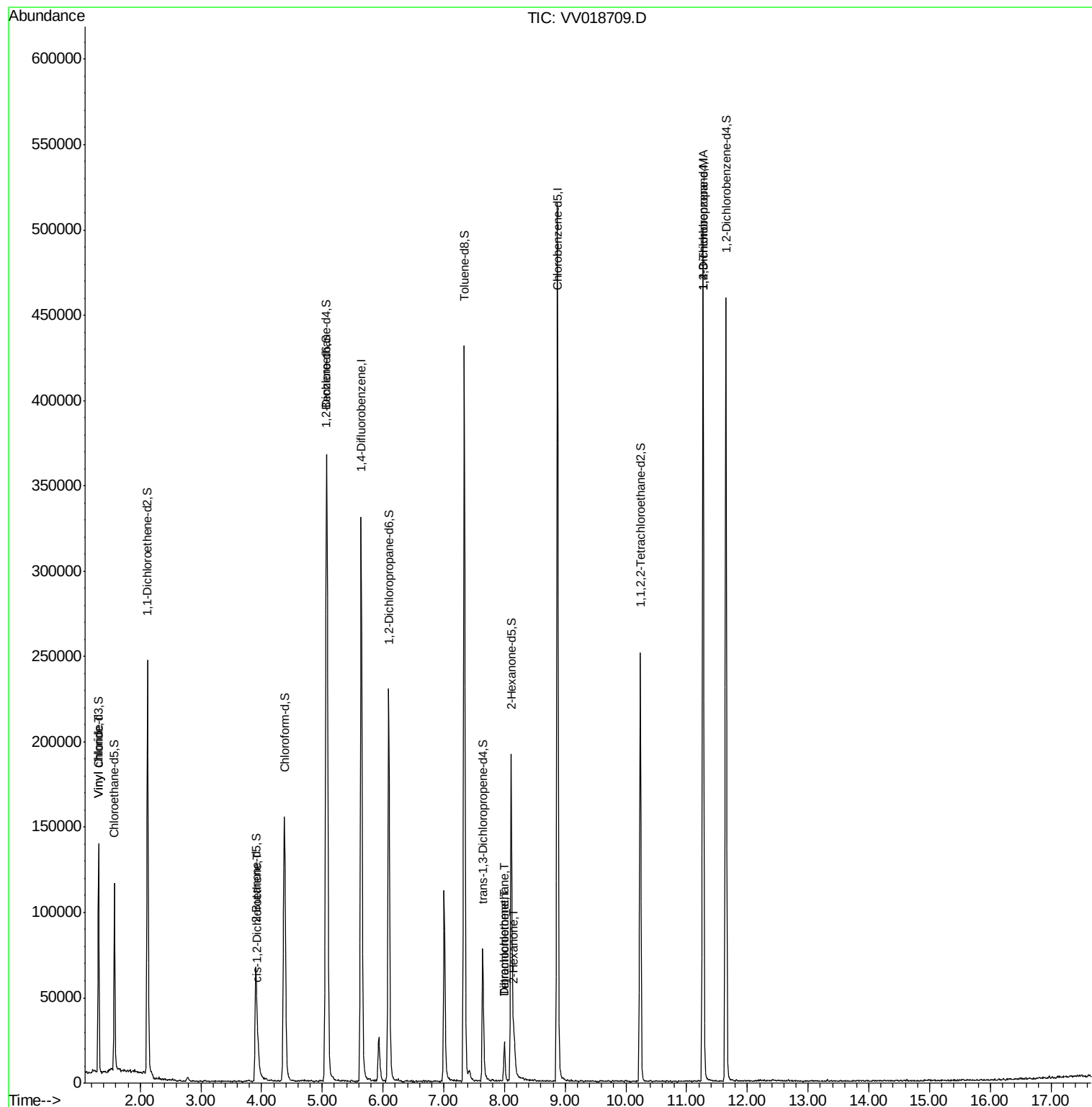
					Ovalue
5) Vinyl chloride	1.32	62	3564	1.713 ug/L #	37
20) cis-1,2-Dichloroethene	3.94	96	3168	1.534 ug/L	85
46) Tetrachloroethene	8.00	164	4869	2.635 ug/L	93
48) 2-Hexanone	8.16	43	13540	6.682 ug/L #	85
49) Dibromochloromethane	8.00	129	4683	2.055 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	14655	5.986 ug/L	90

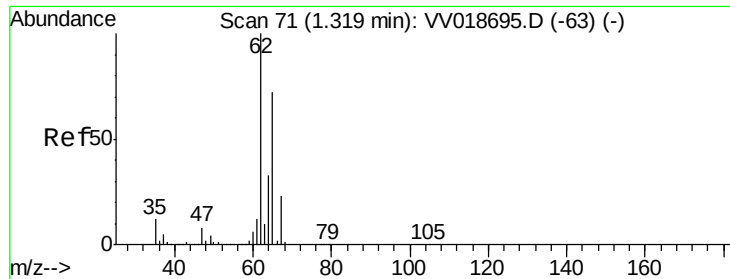
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.713 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018709.D

Acq: 06 Oct 2020 23:32

Instrument :

MSVOA_V

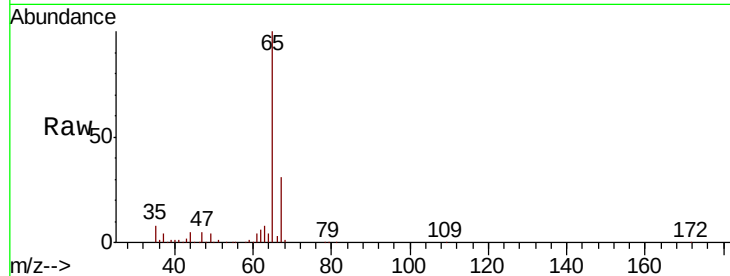
ClientSampleId :

Tot Ion: 62 Resp: 3564

Ion Ratio Lower Upper

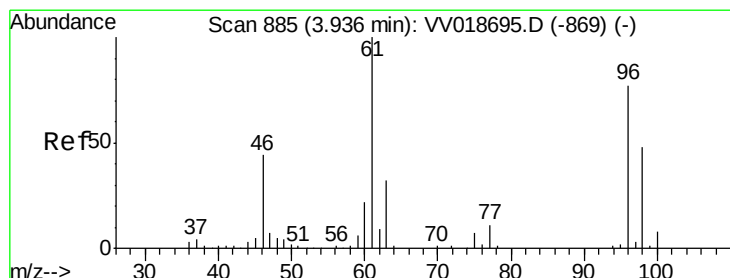
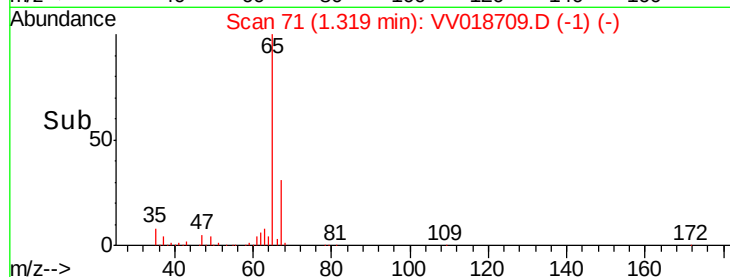
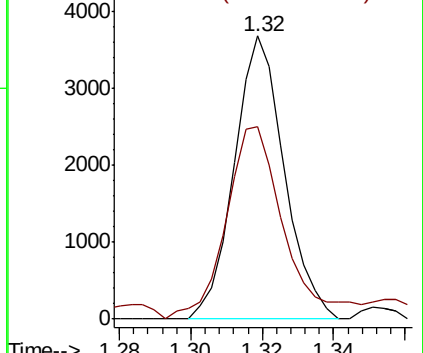
62 100

64 68.1 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1.534 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018709.D

Acq: 06 Oct 2020 23:32

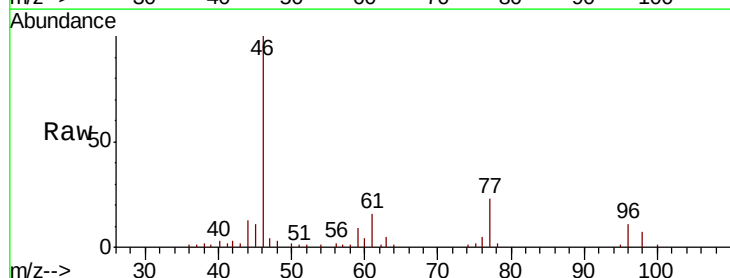
Tgt Ion: 96 Resp: 3168

Ion Ratio Lower Upper

96 100

61 140.4 86.8 161.2

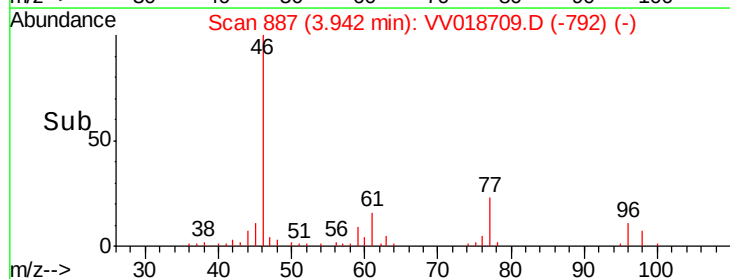
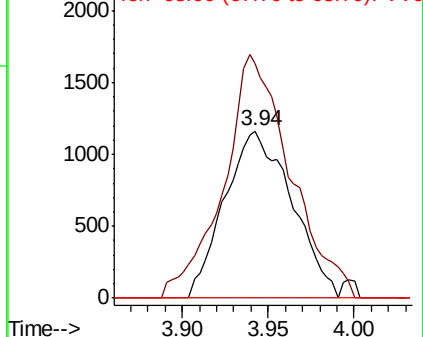
68 0.0 0.0 0.0

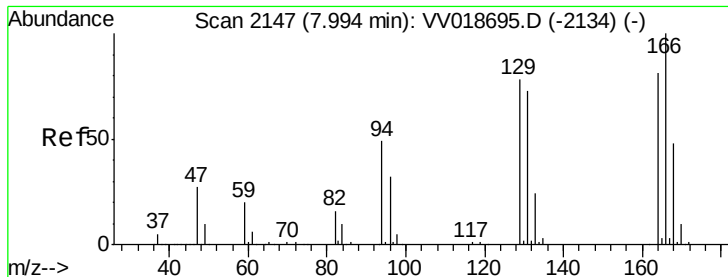


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#46

Tetrachloroethene

Concen: 2.635 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018709.D

Acq: 06 Oct 2020 23:32

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 4869

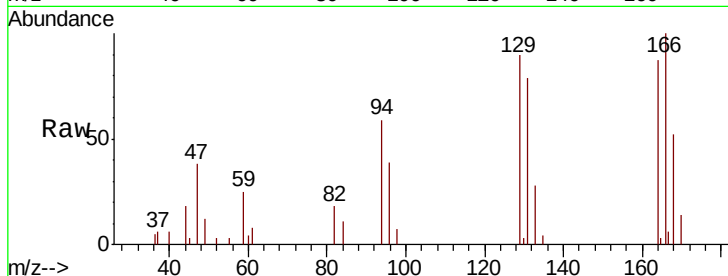
Ion Ratio Lower Upper

164 100

129 100.0 62.8 116.6

131 87.7 60.8 112.8

166 117.4 88.9 165.1

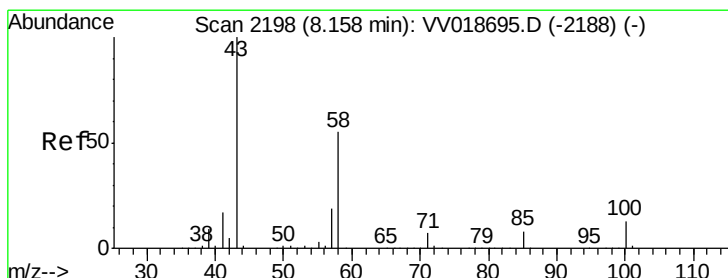
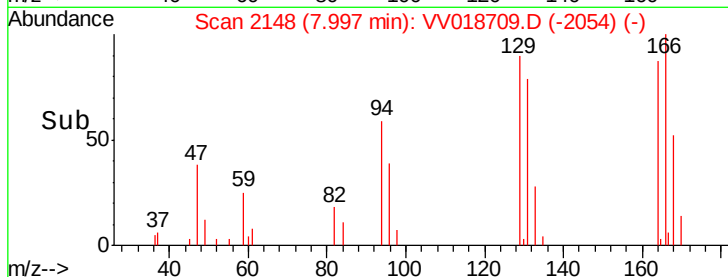
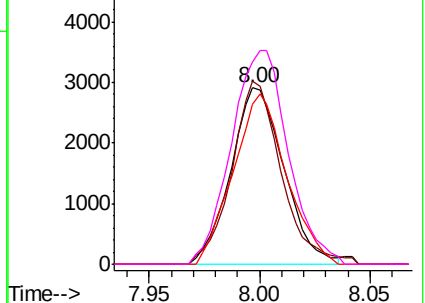


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.682 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018709.D

Acq: 06 Oct 2020 23:32

Tgt Ion: 43 Resp: 13540

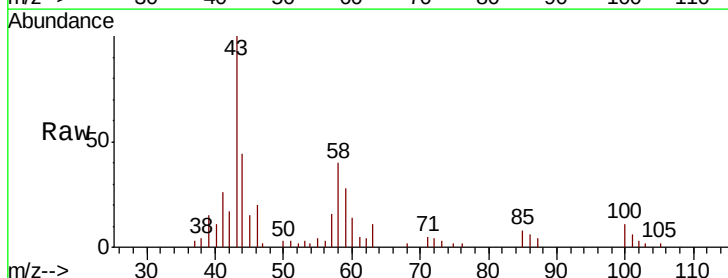
Ion Ratio Lower Upper

43 100

58 47.2 45.1 67.7

57 10.1 15.7 23.5#

100 7.8 11.0 16.4#

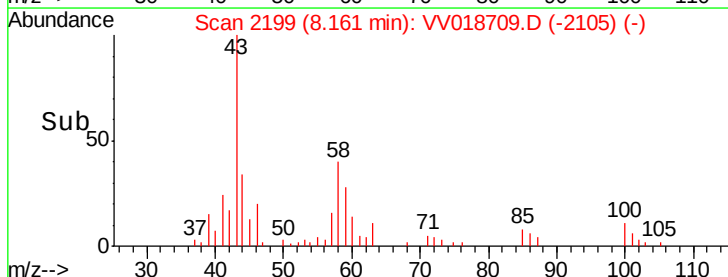
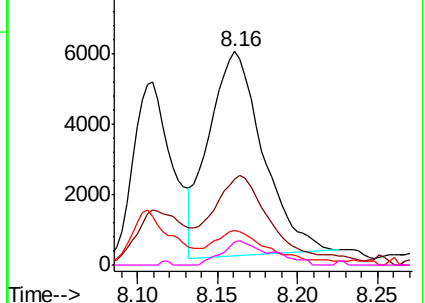


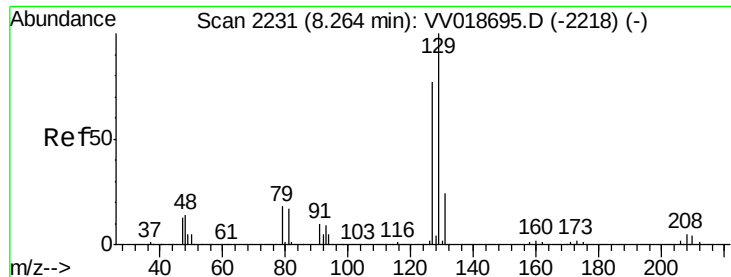
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.055 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018709.D

Acq: 06 Oct 2020 23:32

Instrument :

MSVOA_V

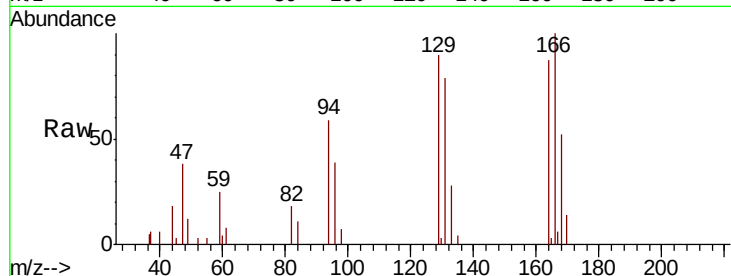
ClientSampled :

Tot Ion:129 Resp: 4683

Ion Ratio Lower Upper

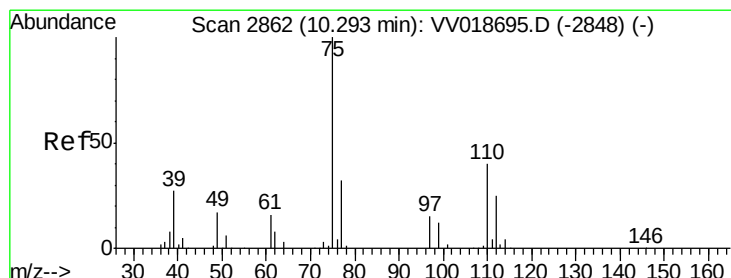
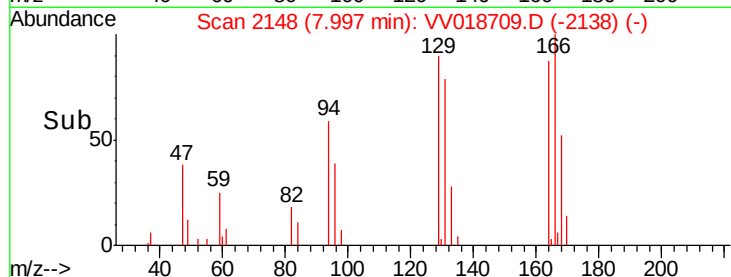
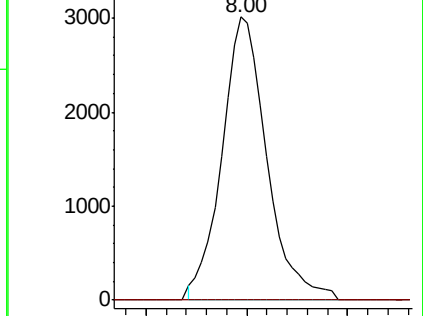
129 100

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



#59

1,2,3-Trichloropropane

Concen: 5.986 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018709.D

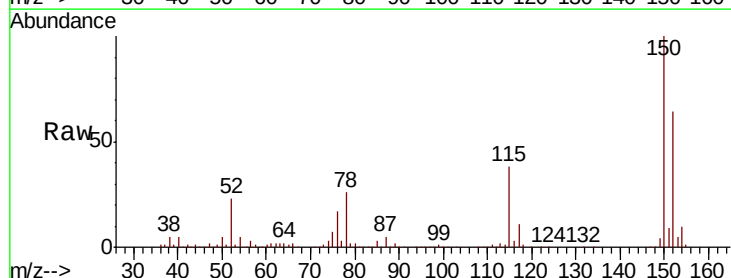
Acq: 06 Oct 2020 23:32

Tgt Ion: 75 Resp: 14655

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

