

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018707.D
 Acq On : 06 Oct 2020 22:45
 Operator : SY/MD
 Sample : L4287-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:25:06 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	268907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79380	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.66%
7) Chloroethane-d5	1.58	69	71815	55.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.14%
11) 1,1-Dichloroethene-d2	2.12	63	128652	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
21) 2-Butanone-d5	3.91	46	118650	100.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.38	84	179167	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	5.06	65	107899	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.08	84	298748	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
36) 1,2-Dichloropropane-d6	6.09	67	96269	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.34	98	271607	42.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.90%
43) trans-1,3-Dichloropropene-	7.64	79	44682	40.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.50%
47) 2-Hexanone-d5	8.11	63	51962	66.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104831	38.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	113370	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

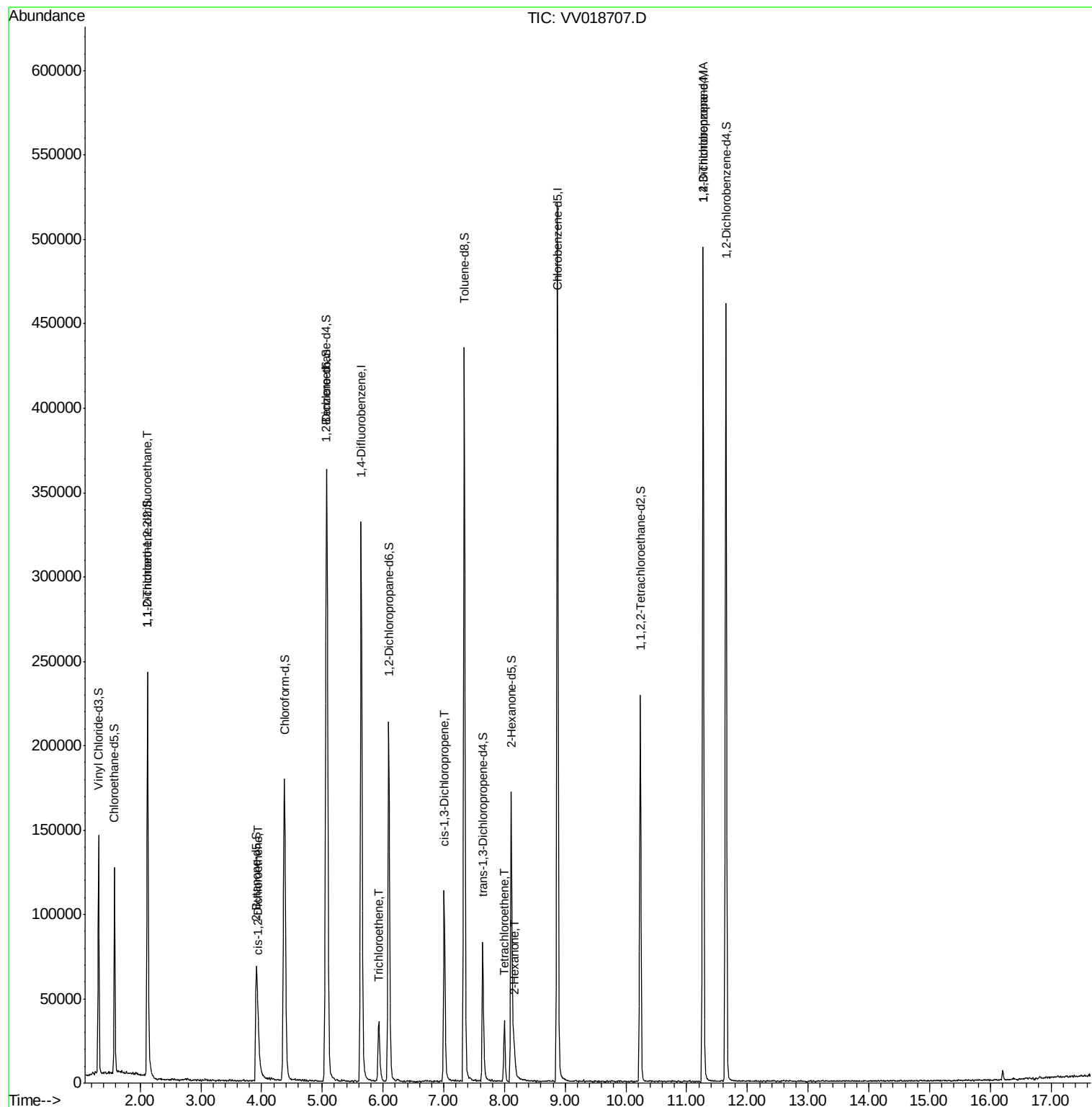
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1168	0.668 ug/L #	21
20) cis-1,2-Dichloroethene	3.95	96	3198	1.567 ug/L	99
34) Trichloroethene	5.95	95	1873	0.818 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3165	0.997 ug/L #	77
46) Tetrachloroethene	8.00	164	7718	4.154 ug/L	93
48) 2-Hexanone	8.16	43	9899	4.859 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	14201	5.769 ug/L #	82

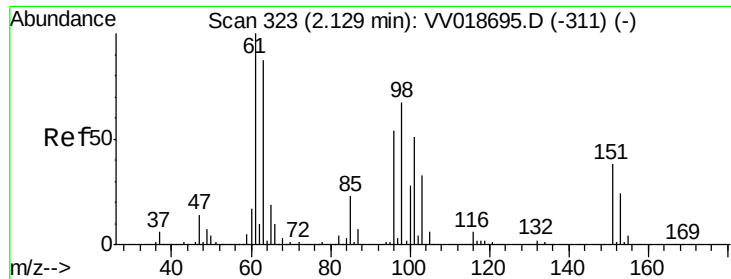
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 07:22:30 2020
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: VV018707.D

Acq: 06 Oct 2020 22:45

Instrument :

MSVOA_V

ClientSampled :

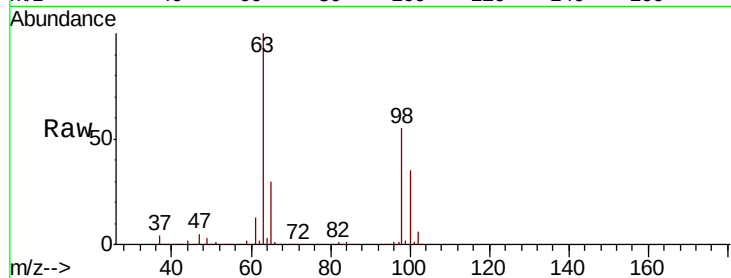
Tot Ion:101 Resp: 1168

Ion Ratio Lower Upper

101 100

85 7.0 34.6 52.0#

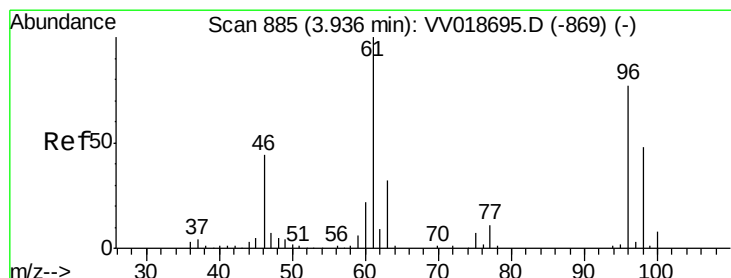
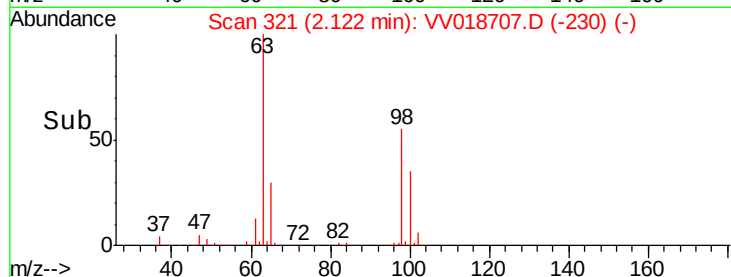
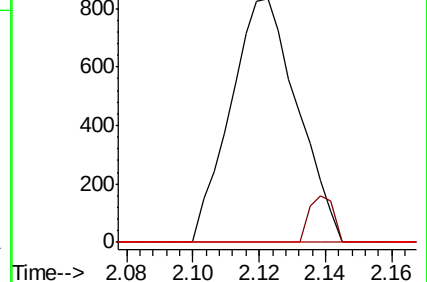
151 0.0 64.3 96.5#



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



#20

cis-1,2-Dichloroethene

Concen: 1.567 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018707.D

Acq: 06 Oct 2020 22:45

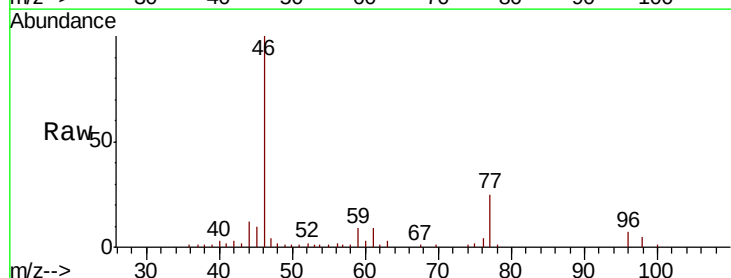
Tgt Ion: 96 Resp: 3198

Ion Ratio Lower Upper

96 100

61 124.8 86.8 161.2

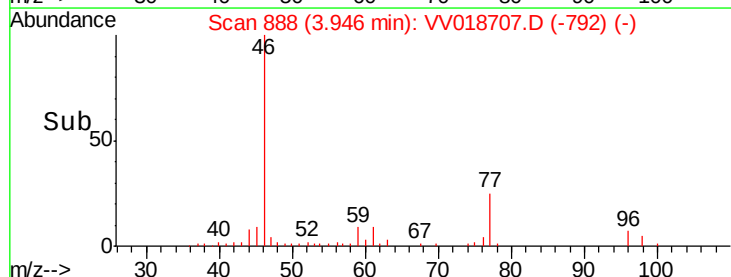
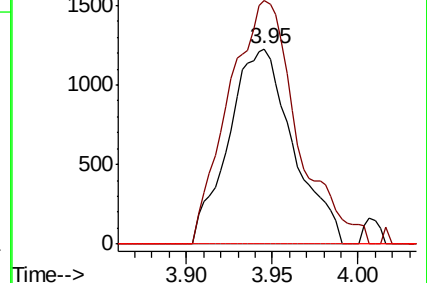
68 0.0 0.0 0.0

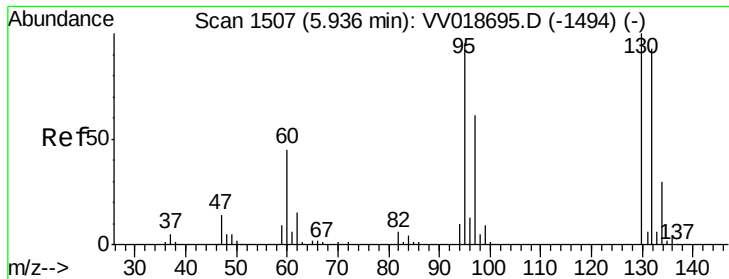


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 0.818 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018707.D

Acq: 06 Oct 2020 22:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1873

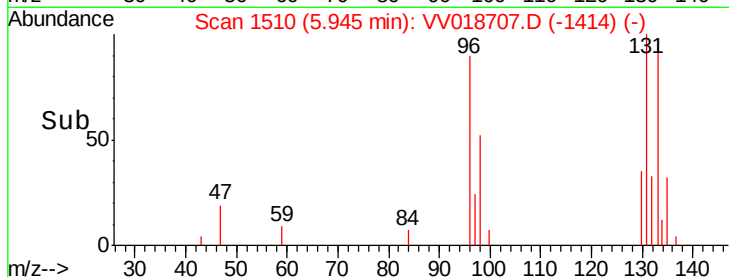
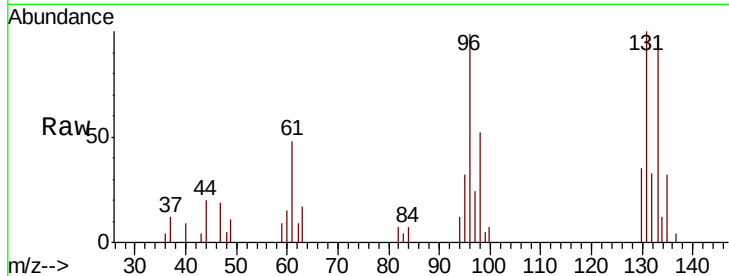
Ion Ratio Lower Upper

95 100

97 75.2 45.9 85.3

132 101.4 70.8 131.4

130 109.0 75.3 139.8

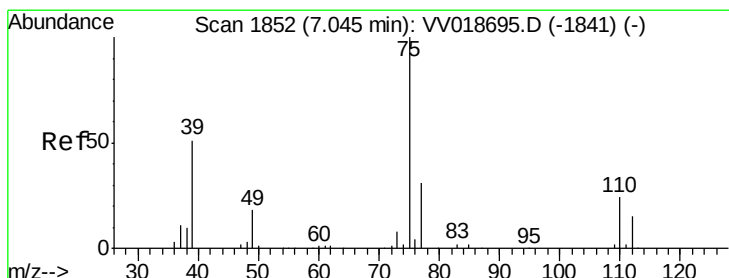
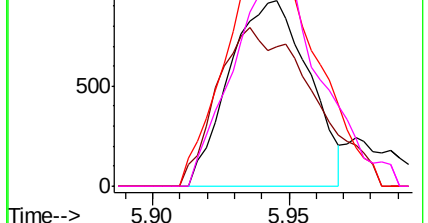


Abundance Ion 95.00 (94.70 to 95.70): VV018695.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018695.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018695.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018695.D (-1494) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018707.D

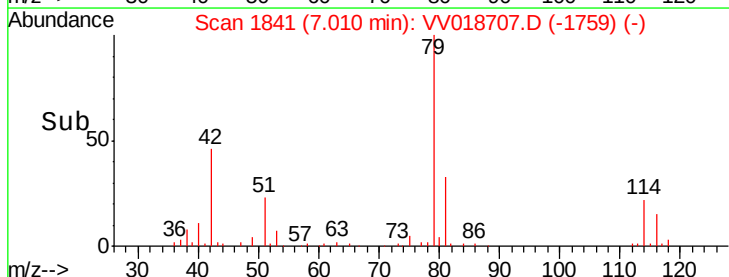
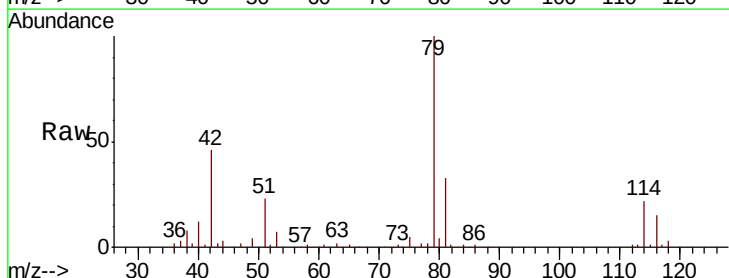
Acq: 06 Oct 2020 22:45

Tgt Ion: 75 Resp: 3165

Ion Ratio Lower Upper

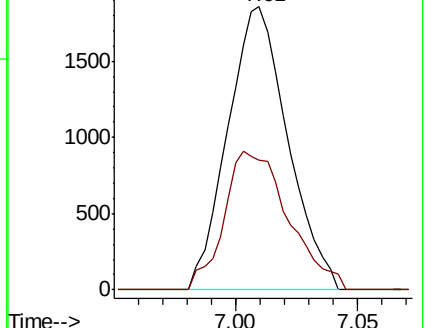
75 100

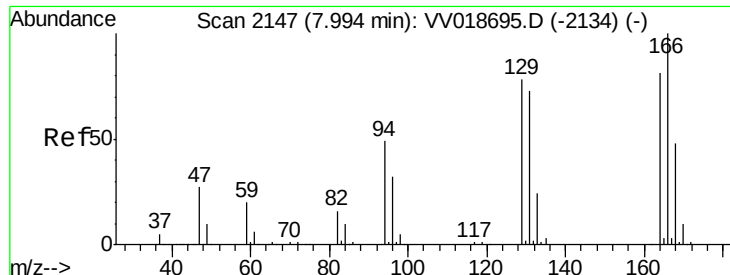
77 45.6 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018695.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV018695.D (-1841) (-)





#46

Tetrachloroethene

Concen: 4.154 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018707.D

Acq: 06 Oct 2020 22:45

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 7718

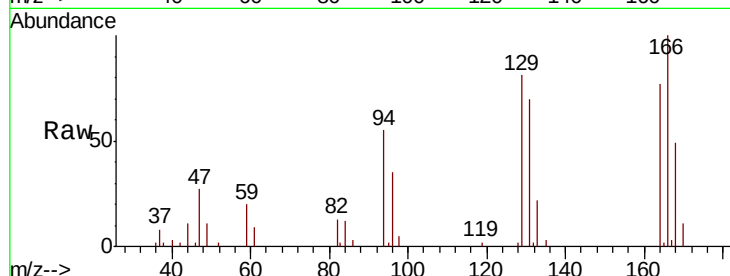
Ion Ratio Lower Upper

164 100

129 105.6 62.8 116.6

131 91.0 60.8 112.8

166 130.0 88.9 165.1



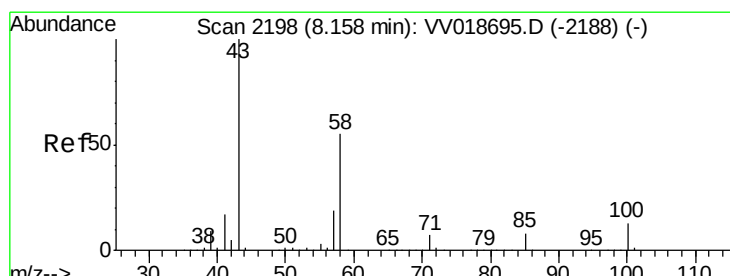
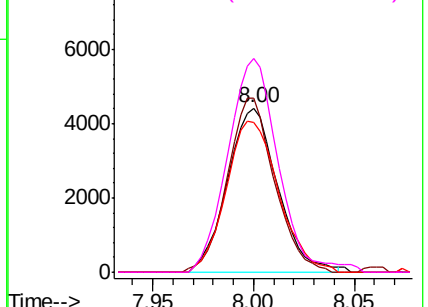
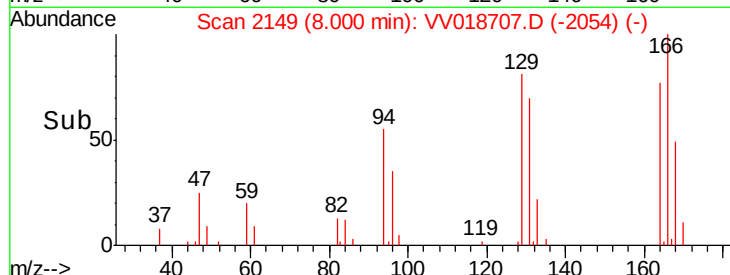
Abundance

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: 4.859 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018707.D

Acq: 06 Oct 2020 22:45

Tgt Ion: 43 Resp: 9899

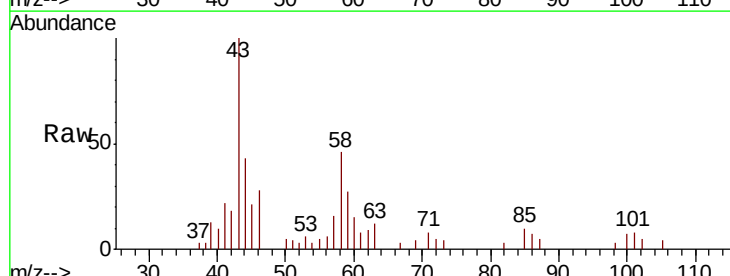
Ion Ratio Lower Upper

43 100

58 44.6 45.1 67.7#

57 7.1 15.7 23.5#

100 2.7 11.0 16.4#



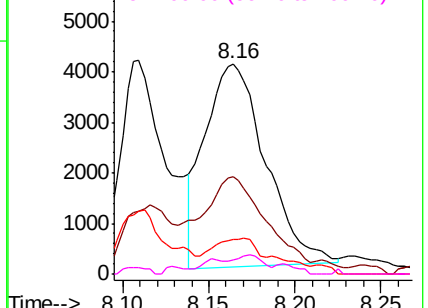
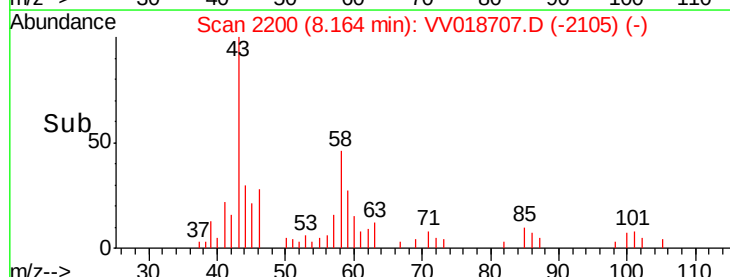
Abundance

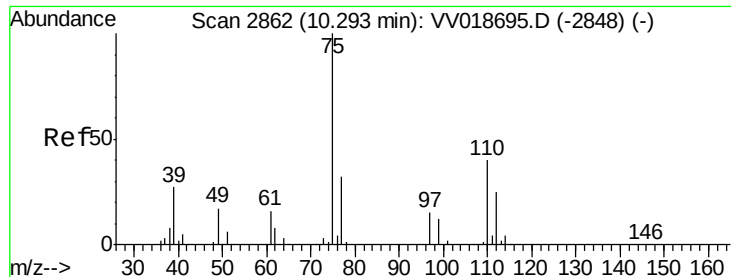
Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.769 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018707.D

Acq: 06 Oct 2020 22:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14201

Ion Ratio Lower Upper

75 100

77 41.6 25.4 38.0#

