

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017905.D
 Acq On : 10 Aug 2020 18:50
 Operator : SY/MD
 Sample : L3608-10DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L93DL

Quant Time: Aug 11 02:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254201	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49110	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.82%
7) Chloroethane-d5	1.58	69	45633	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.84%
11) 1,1-Dichloroethene-d2	2.12	63	90446	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	3.91	46	79896	97.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.19%
24) Chloroform-d	4.38	84	148275	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	5.06	65	113099	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.07	84	245628	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
36) 1,2-Dichloropropane-d6	6.09	67	65308	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.34	98	239577	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	7.64	79	40940	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	8.11	63	46778	91.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97701	44.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	118396	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

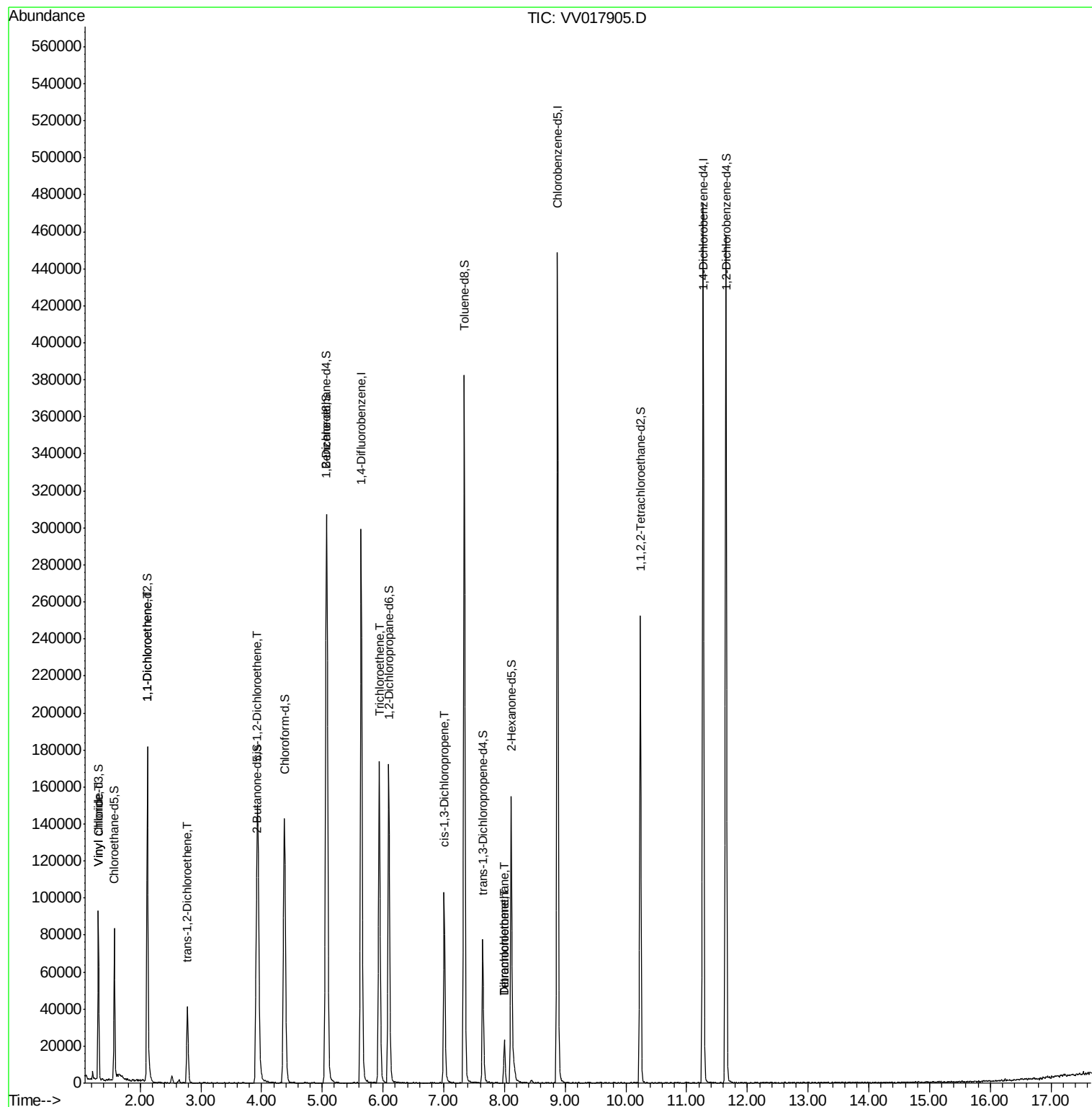
					Ovalue
5) Vinyl chloride	1.32	62	1044	0.703 ug/L #	1
12) 1,1-Dichloroethene	2.12	96	1053	0.703 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	15380	10.062 ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	70525	42.720 ug/L	94
34) Trichloroethene	5.94	95	55159	31.853 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	2915	1.352 ug/L	95
46) Tetrachloroethene	8.00	164	5168	3.166 ug/L	83
49) Dibromochloromethane	8.00	129	4850	2.763 ug/L #	12

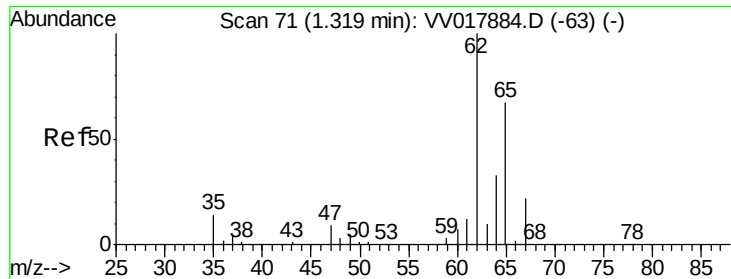
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.703 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

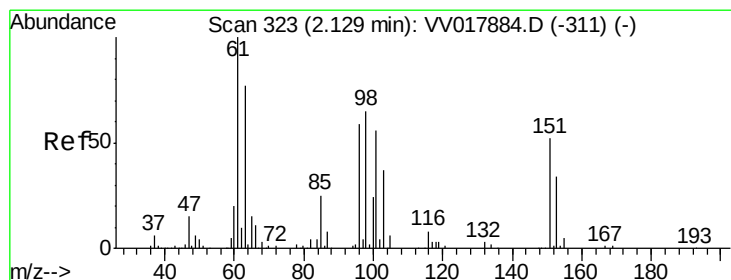
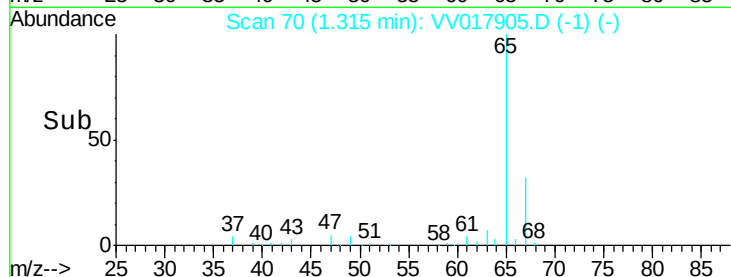
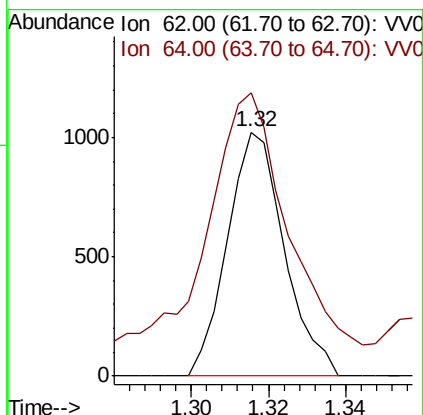
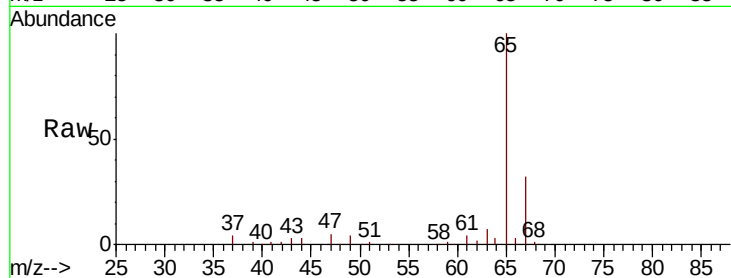
F2L93DL

Tot Ion: 62 Resp: 1044

Ion Ratio Lower Upper

62 100

64 116.2 24.0 44.6#



#12

1,1-Dichloroethene

Concen: 0.703 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

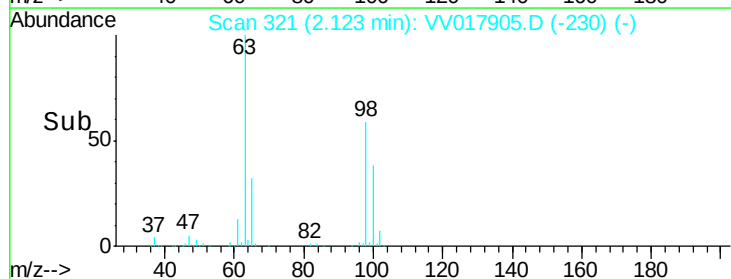
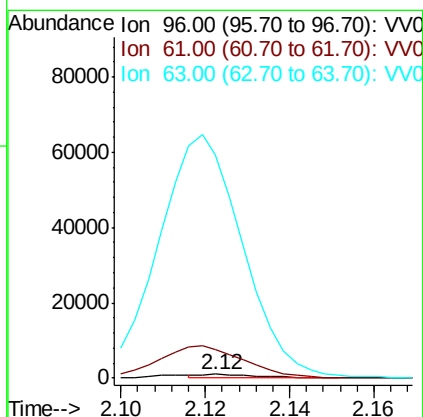
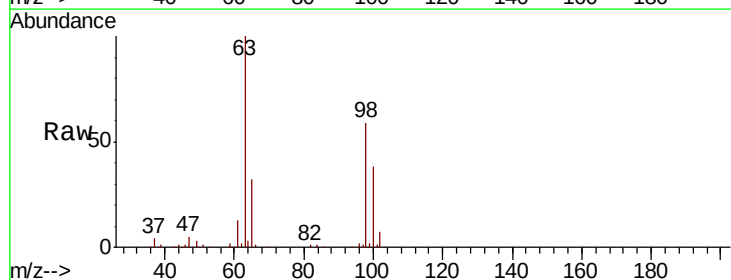
Tgt Ion: 96 Resp: 1053

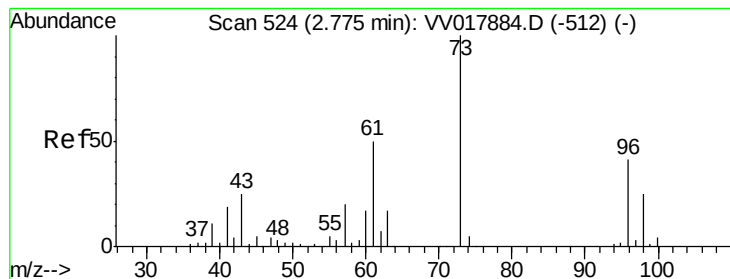
Ion Ratio Lower Upper

96 100

61 781.9 121.1 224.9#

63 6035.3 98.1 182.1#





#17

trans-1,2-Dichloroethene

Concen: 10.062 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

F2L93DL

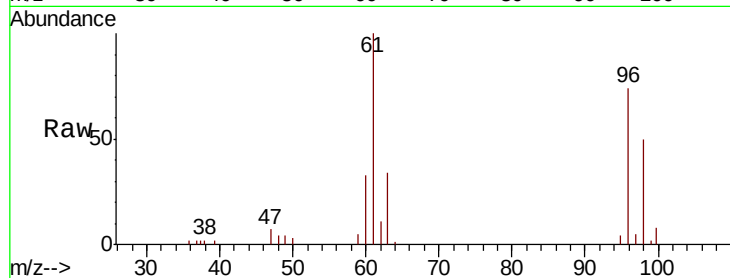
Tot Ion: 96 Resp: 15380

Ion Ratio Lower Upper

96 100

61 135.6 92.4 171.6

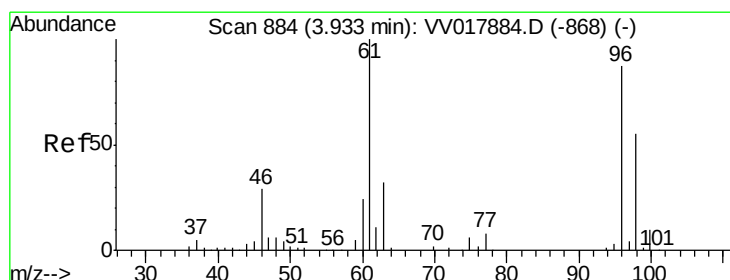
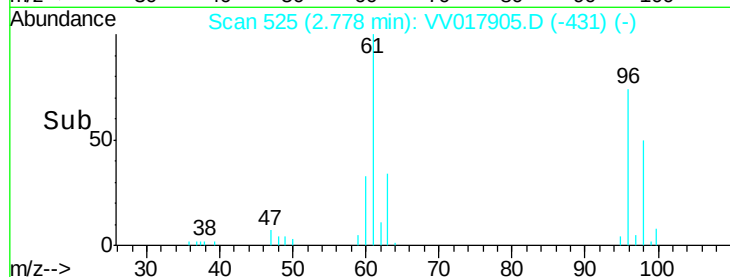
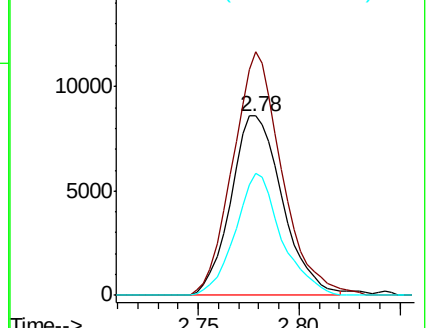
98 68.0 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VV017884.D (-512) (-)

Ion 61.00 (60.70 to 61.70): VV017884.D (-512) (-)

Ion 98.00 (97.70 to 98.70): VV017884.D (-512) (-)



#20

cis-1,2-Dichloroethene

Concen: 42.720 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

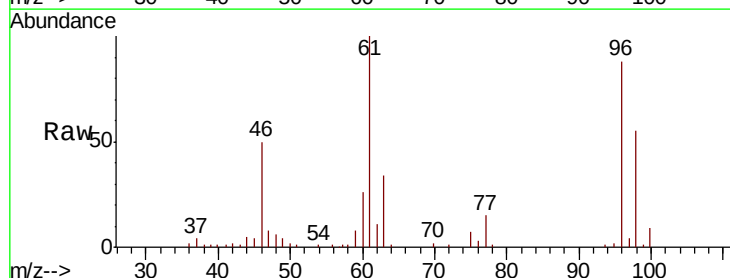
Tgt Ion: 96 Resp: 70525

Ion Ratio Lower Upper

96 100

61 113.7 84.4 156.8

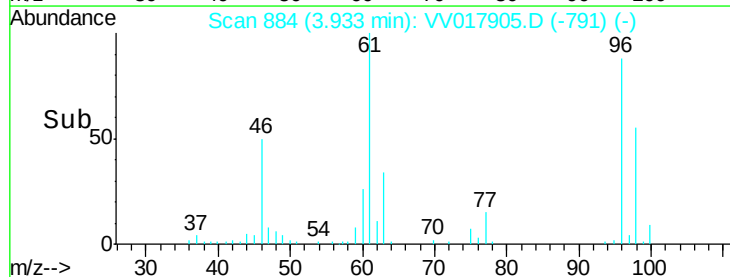
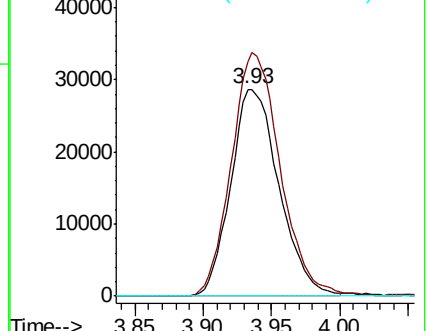
68 0.0 0.0 0.0

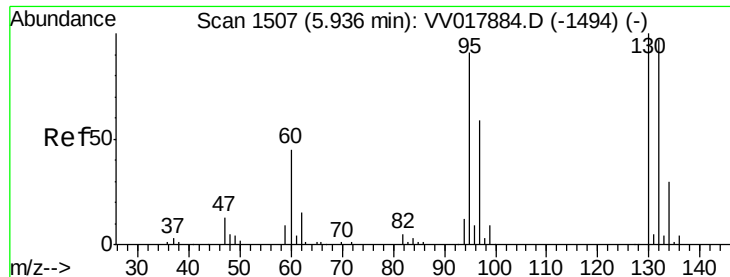


Abundance Ion 96.00 (95.70 to 96.70): VV017884.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017884.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017884.D (-868) (-)





#34

Trichloroethene

Concen: 31.853 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

F2L93DL

Tot Ion: 95 Resp: 55159

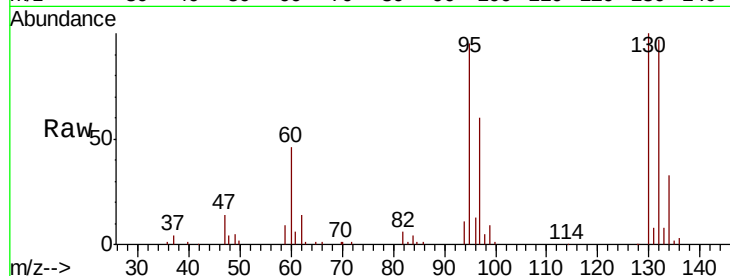
Ion Ratio Lower Upper

95 100

97 63.5 44.7 83.1

132 101.9 73.6 136.8

130 105.5 77.6 144.0

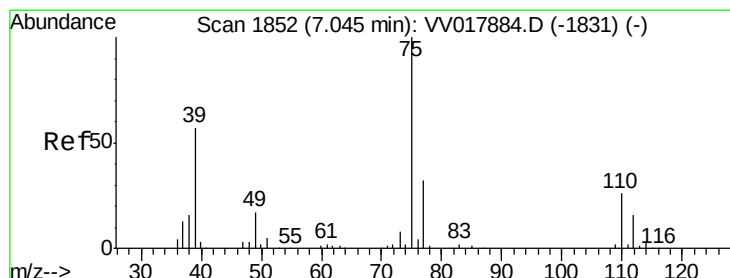
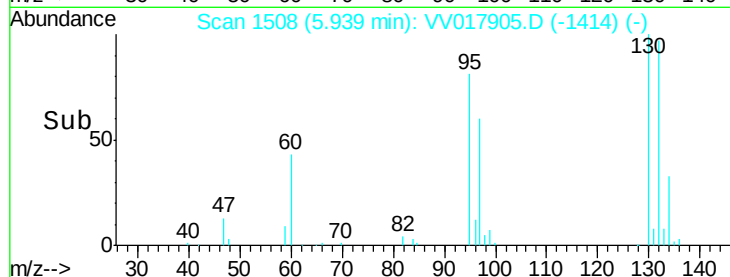
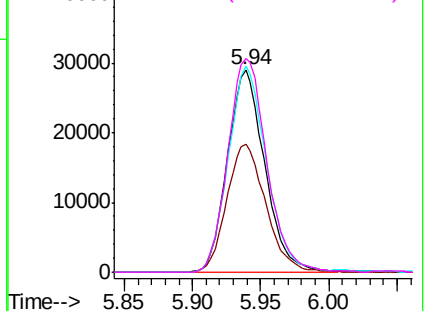


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.352 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017905.D

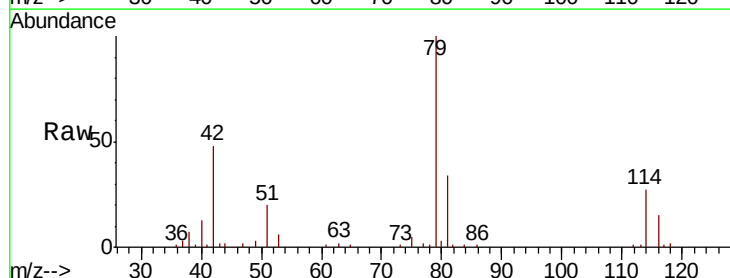
Acq: 10 Aug 2020 18:50

Tgt Ion: 75 Resp: 2915

Ion Ratio Lower Upper

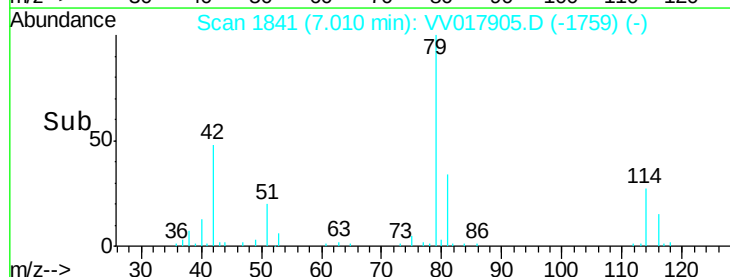
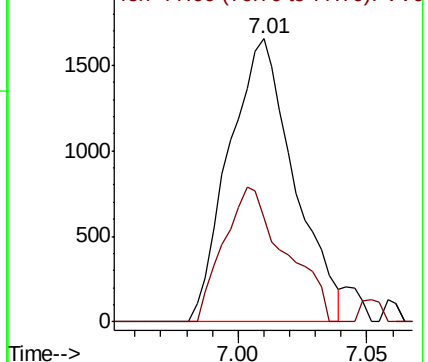
75 100

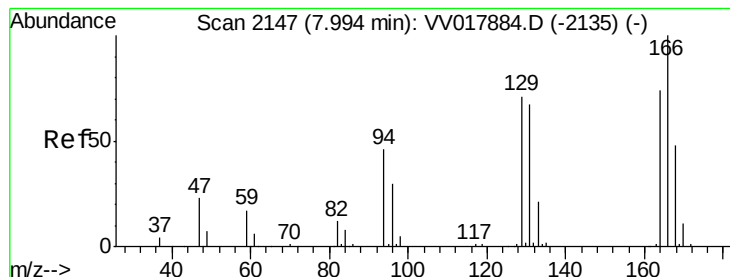
77 36.8 23.7 44.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 3.166 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017905.D

Acq: 10 Aug 2020 18:50

Instrument :

MSVOA_V

ClientSampleId :

F2L93DL

Tot Ion:164 Resp: 5168

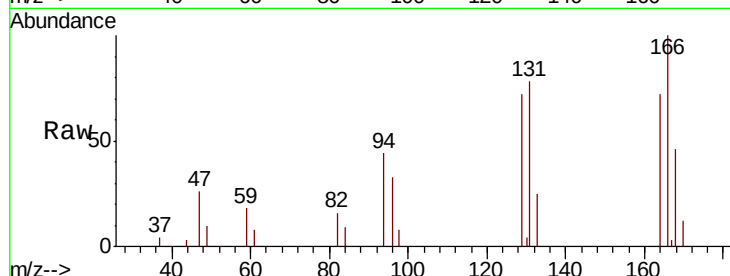
Ion Ratio Lower Upper

164 100

129 100.1 61.6 114.4

131 108.6 59.6 110.8

166 139.3 87.2 161.9

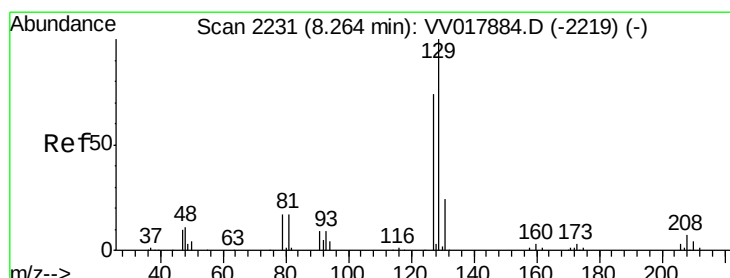
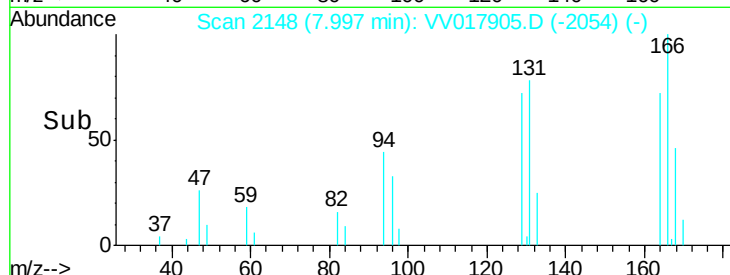
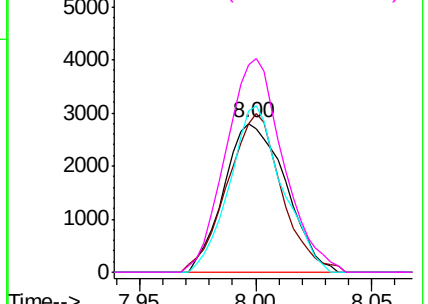


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 2.763 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV017905.D

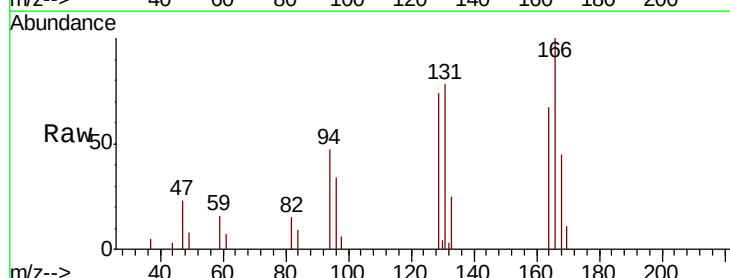
Acq: 10 Aug 2020 18:50

Tgt Ion:129 Resp: 4850

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

