

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017841.D
 Acq On : 07 Aug 2020 15:39
 Operator : SY/MD
 Sample : L3590-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L89

Quant Time: Aug 08 00:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	229776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228255	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41302	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.72%
7) Chloroethane-d5	1.58	69	41080	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.88%
11) 1,1-Dichloroethene-d2	2.12	63	86424	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.20%
21) 2-Butanone-d5	3.91	46	74958	88.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.97%
24) Chloroform-d	4.38	84	139859	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.06	65	107799	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.08	84	228868	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.09	67	62817	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.24%
41) Toluene-d8	7.34	98	230560	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.64	79	18710	18.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	37.96%#
47) 2-Hexanone-d5	8.11	63	54274	84.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97840	43.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	121794	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

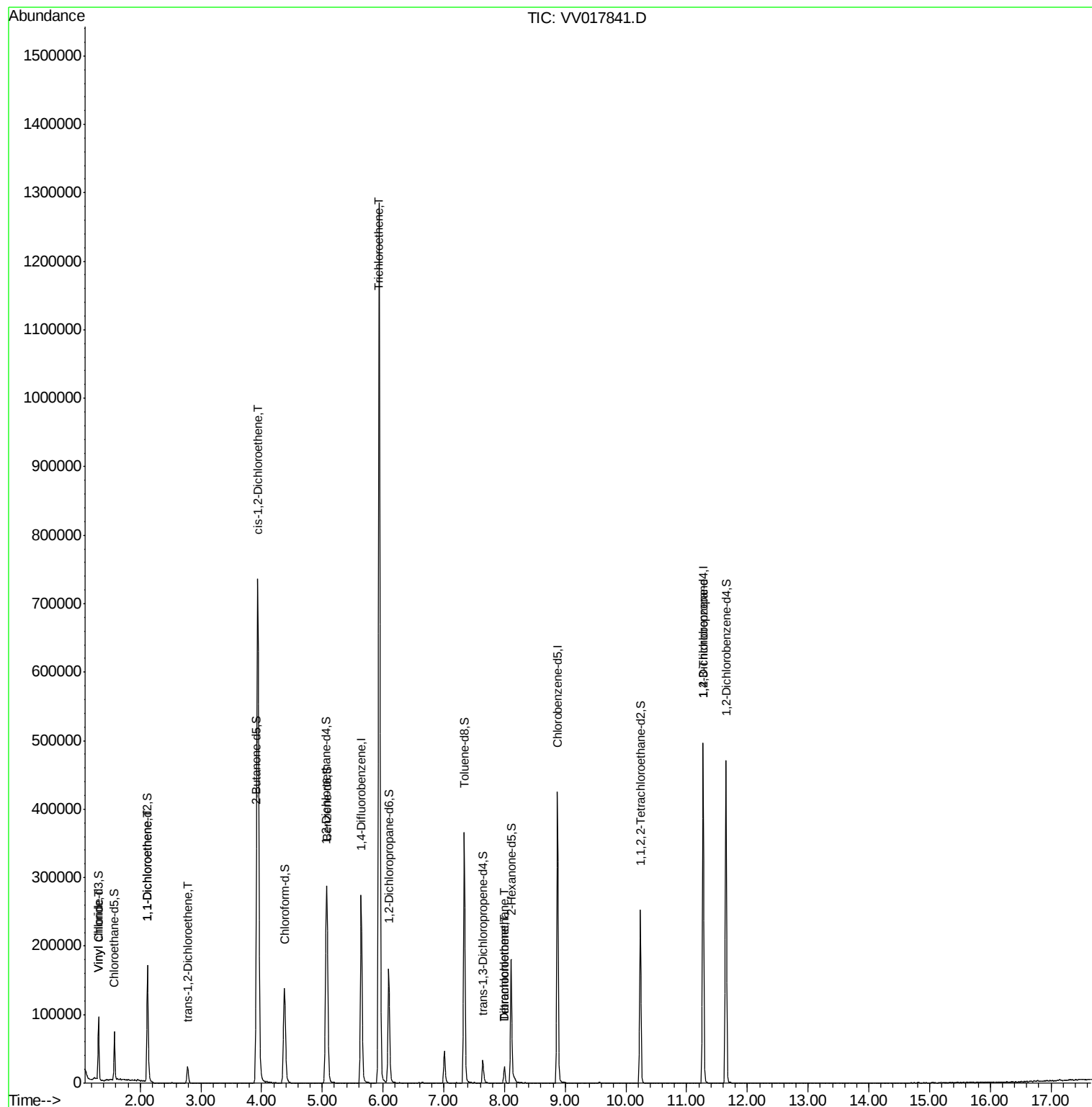
					Ovalue
5) Vinyl chloride	1.32	62	11339	6.956 ug/L #	75
12) 1,1-Dichloroethene	2.13	96	3251	2.351 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	9333	5.985 ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	405457	243.432 ug/L	96
34) Trichloroethene	5.94	95	408612	232.228 ug/L	95
46) Tetrachloroethene	8.00	164	5468	3.508 ug/L	96
49) Dibromochloromethane	8.00	129	5190	2.455 ug/L #	12
59) 1,2,3-Trichloropropane	11.27	75	11157	5.403 ug/L #	69

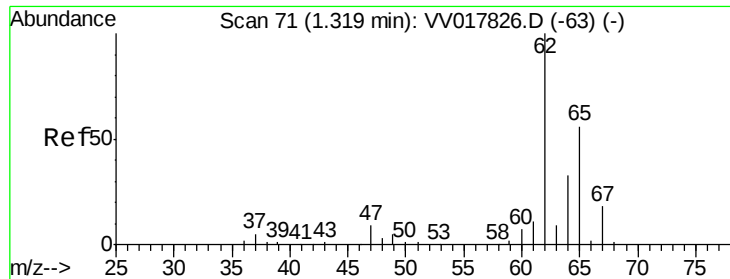
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.956 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017841.D

Acq: 07 Aug 2020 15:39

Instrument :

MSVOA_V

ClientSampled :

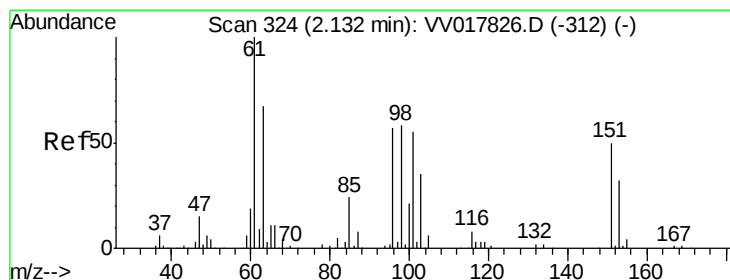
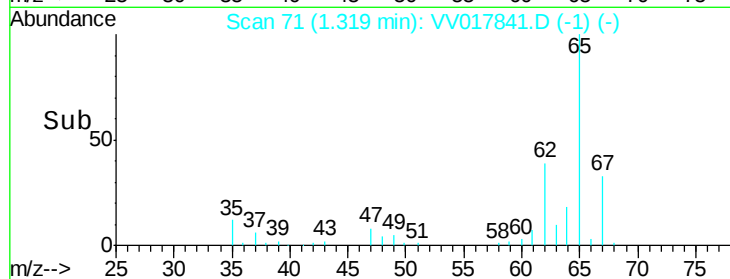
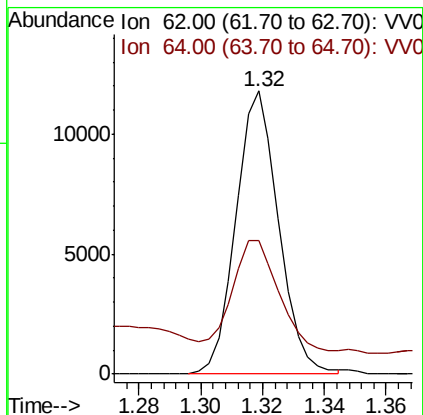
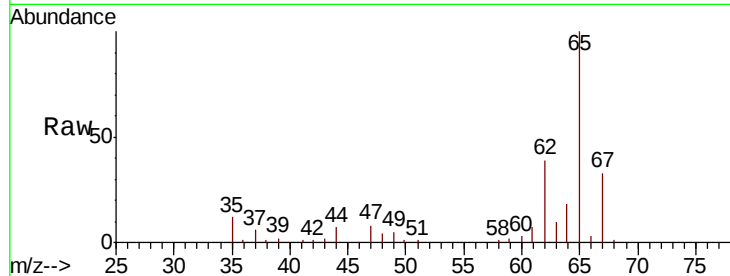
F2L89

Tot Ion: 62 Resp: 11339

Ion Ratio Lower Upper

62 100

64 47.0 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 2.351 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017841.D

Acq: 07 Aug 2020 15:39

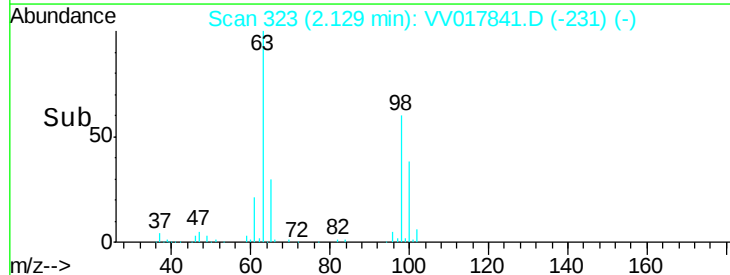
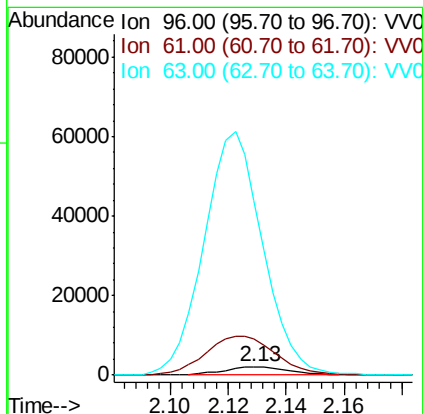
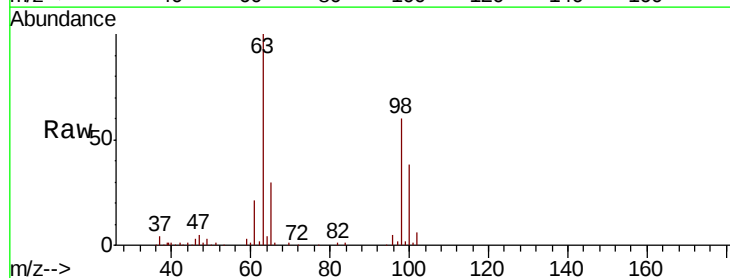
Tgt Ion: 96 Resp: 3251

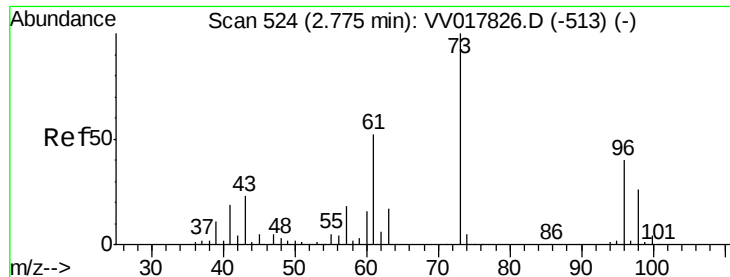
Ion Ratio Lower Upper

96 100

61 426.4 131.0 243.2#

63 2079.6 88.5 164.3#

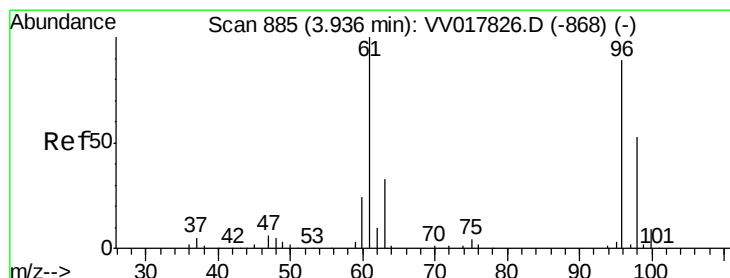
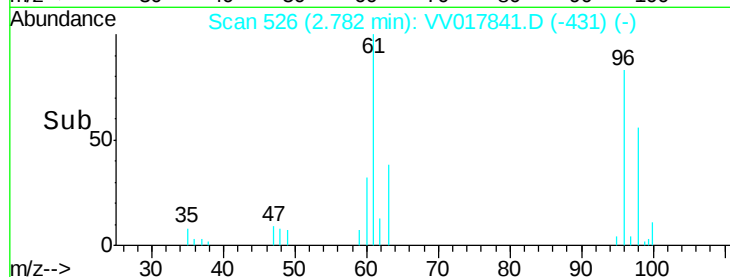
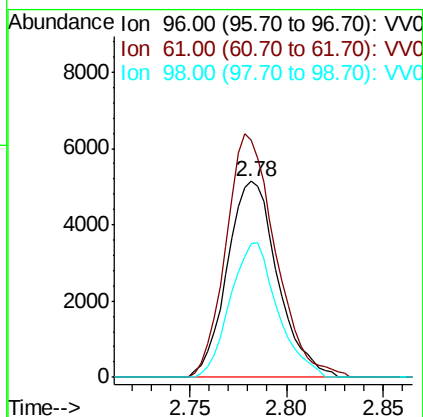
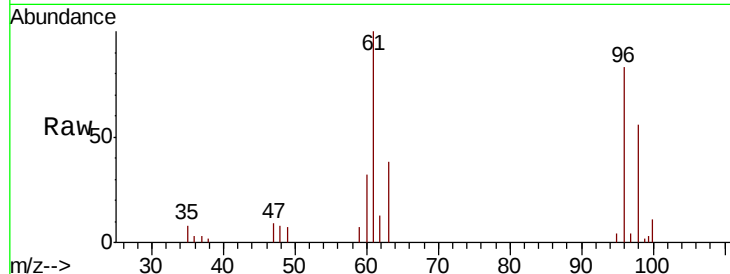




#17
trans-1,2-Dichloroethene
Concen: 5.985 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017841.D
Acq: 07 Aug 2020 15:39

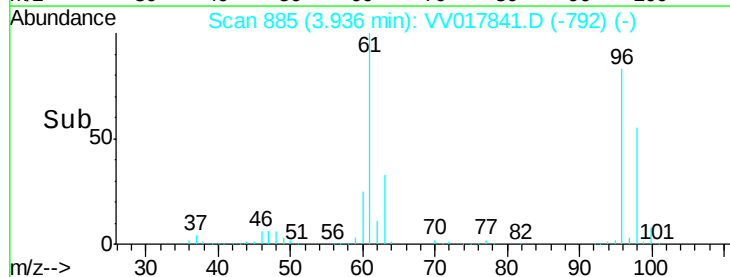
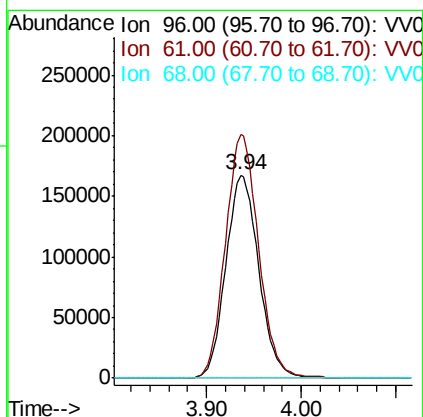
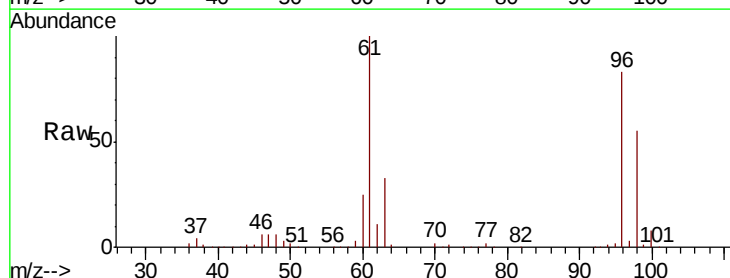
Instrument :
MSVOA_V
ClientSampleId :
F2L89

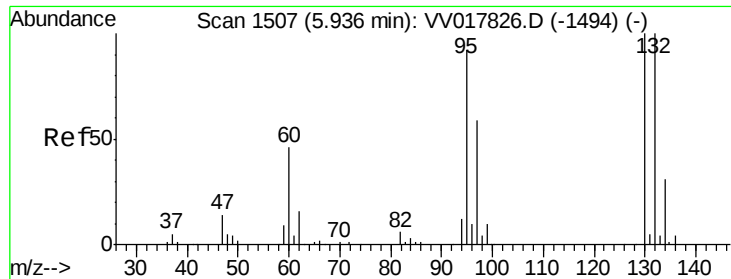
Tot Ion: 96 Resp: 9333
Ion Ratio Lower Upper
96 100
61 120.7 96.2 178.8
98 68.0 43.2 80.2



#20
cis-1,2-Dichloroethene
Concen: 243.432 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017841.D
Acq: 07 Aug 2020 15:39

Tgt Ion: 96 Resp: 405457
Ion Ratio Lower Upper
96 100
61 119.8 87.3 162.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 232.228 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017841.D

Acq: 07 Aug 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

F2L89

Tot Ion: 95 Resp: 408612

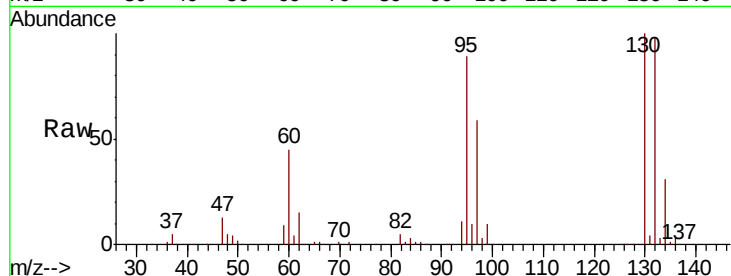
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 110.7 71.4 132.6

130 112.4 75.3 139.9

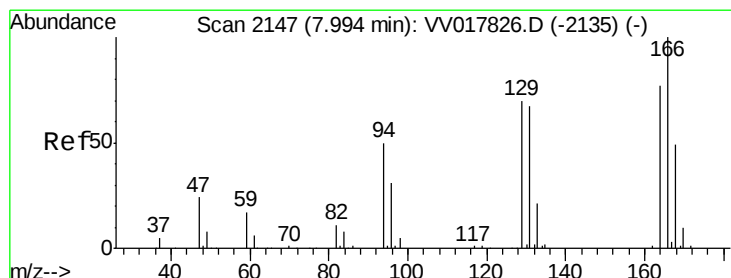
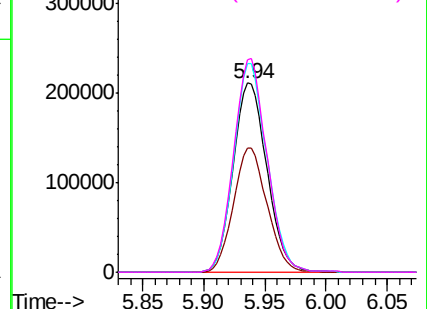
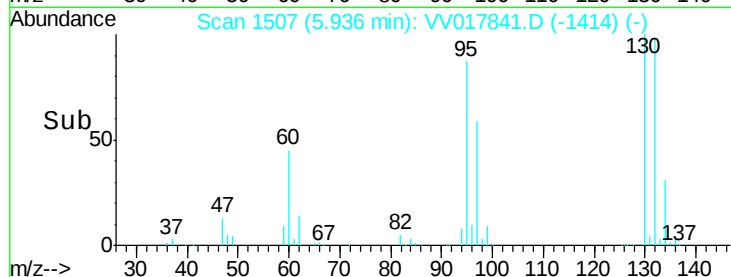


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 3.508 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017841.D

Acq: 07 Aug 2020 15:39

Tgt Ion:164 Resp: 5468

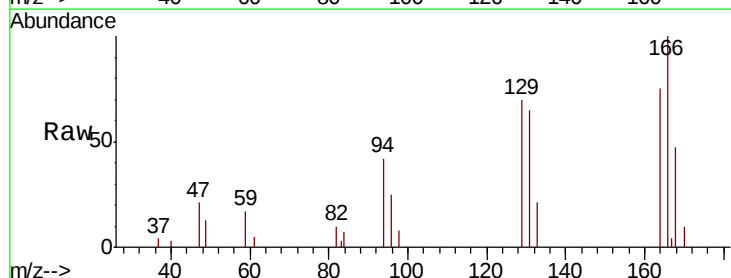
Ion Ratio Lower Upper

164 100

129 92.9 63.9 118.7

131 87.0 62.6 116.3

166 133.1 88.3 164.1

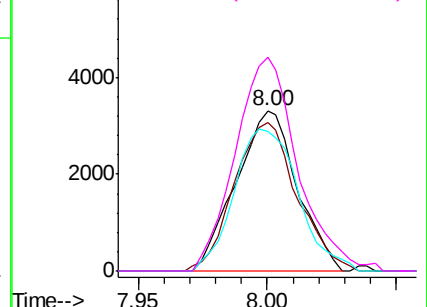
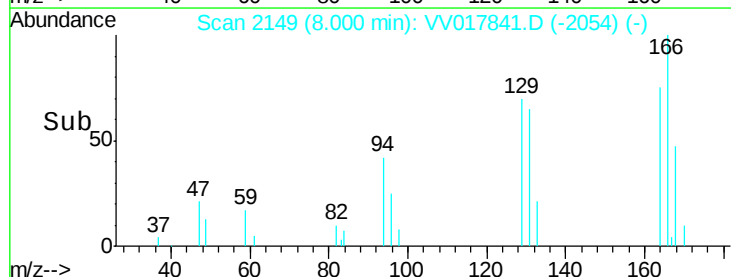


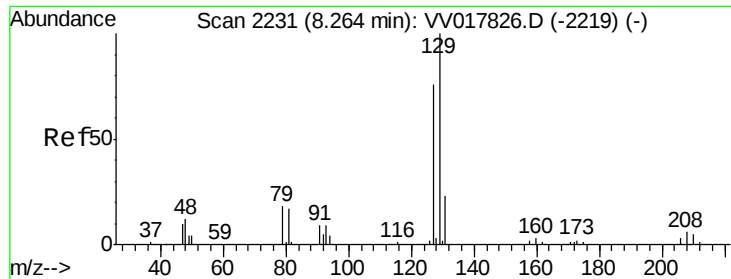
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

Dibromochloromethane

Concen: 2.455 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV017841.D

Acq: 07 Aug 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

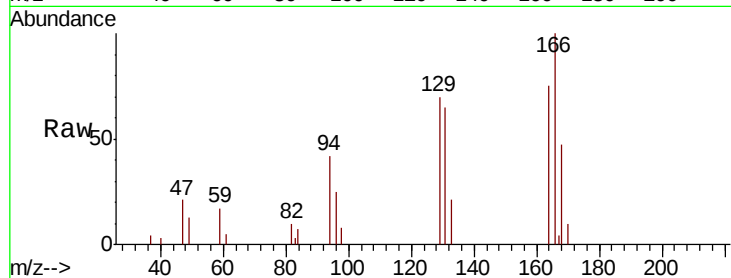
F2L89

Tot Ion:129 Resp: 5190

Ion Ratio Lower Upper

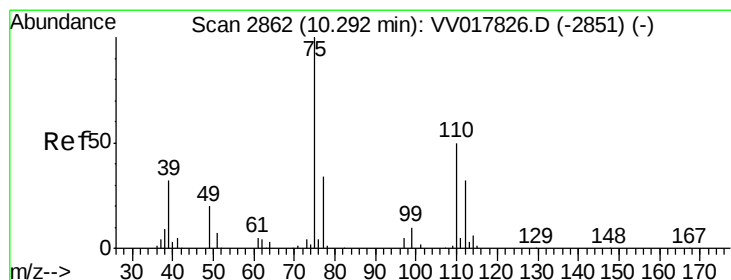
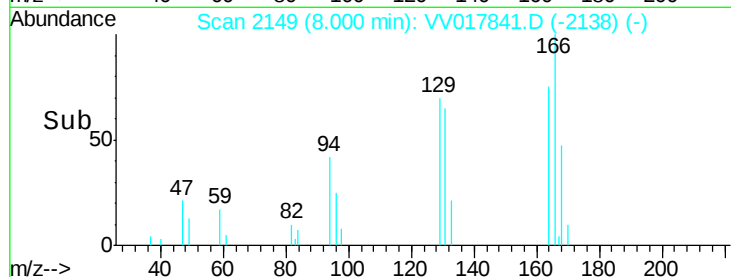
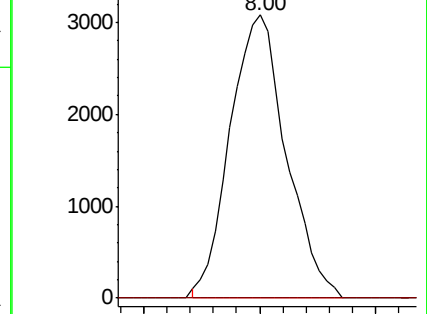
129 100

127 0.0 52.6 97.8#



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: 5.403 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017841.D

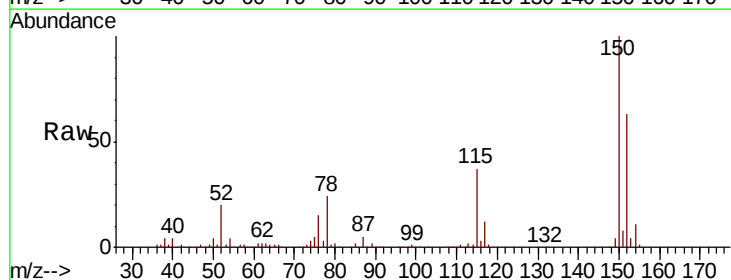
Acq: 07 Aug 2020 15:39

Tgt Ion: 75 Resp: 11157

Ion Ratio Lower Upper

75 100

77 48.4 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

