

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007091.D
 Acq On : 20 Aug 2018 23:59
 Operator : SY/MD
 Sample : J4515-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0325

Quant Time: Aug 21 07:11:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74887	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	67673	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.14	63	1303113	45.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	911.00%#
20) 2-Butanone-d5	3.97	46	226823	51.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.41	84	162278	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	86628	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.10	84	318438	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	106159	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	212487	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	20906	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.15	63	86295	30.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81253	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	79529	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

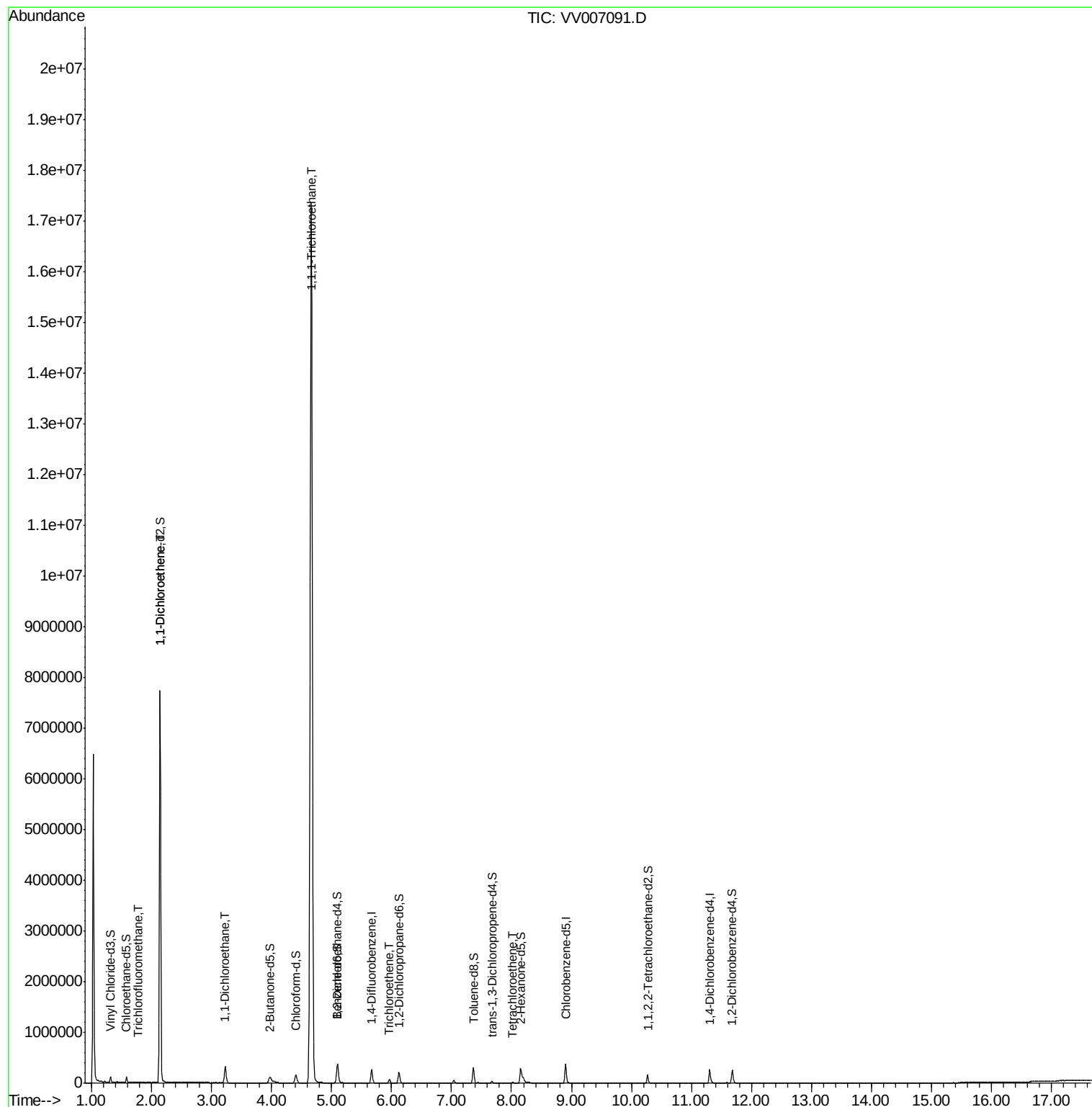
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	6890	0.24	ug/L	93
12) 1,1-Dichloroethene	2.14	96	2444361	144.13	ug/L	# 68
19) 1,1-Dichloroethane	3.23	63	328436	10.02	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	13803822	450.68	ug/L	97
34) Trichloroethene	5.96	95	21252	1.11	ug/L	93
47) Tetrachloroethene	8.02	164	3294	0.21	ug/L	95

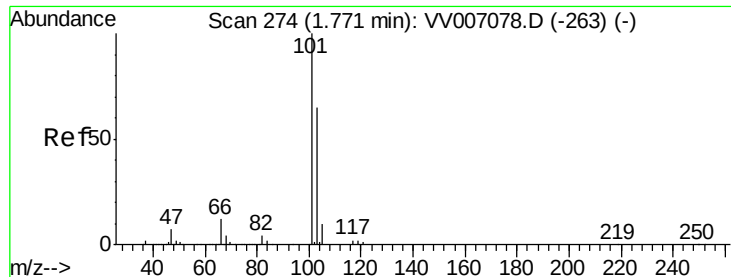
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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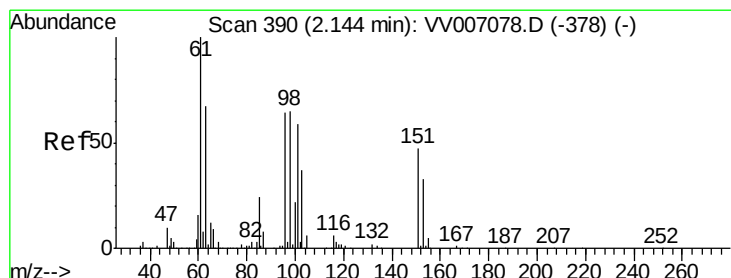
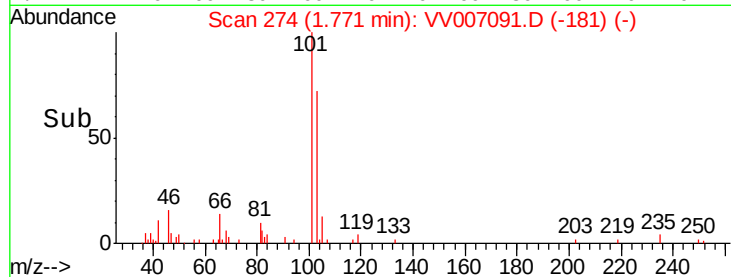
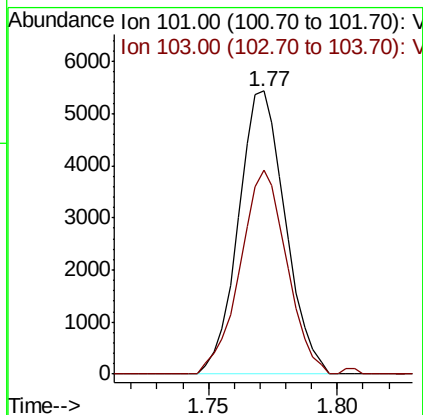
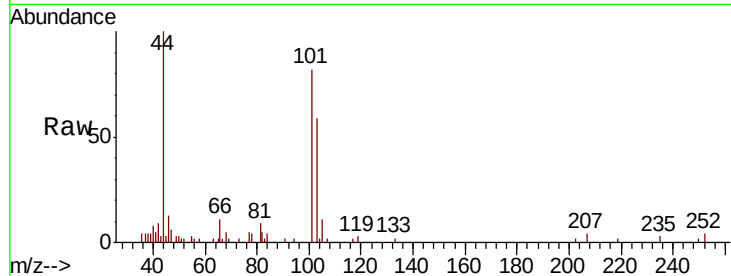


#9

Trichlorofluoromethane
 Concen: 0.24 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007091.D
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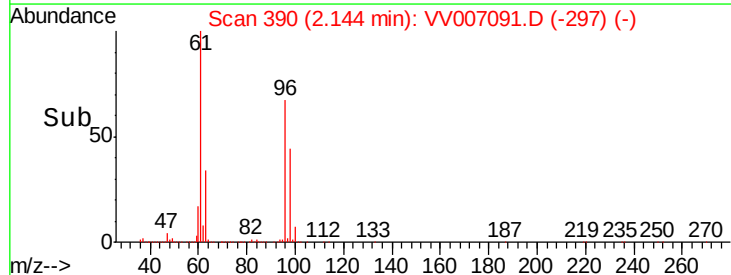
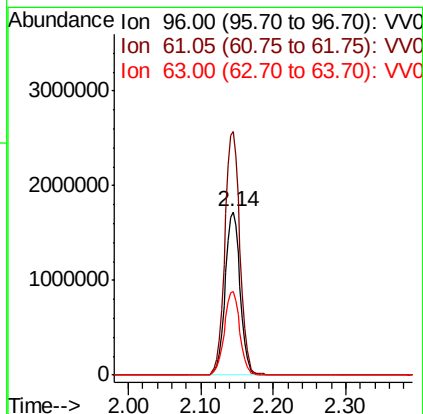
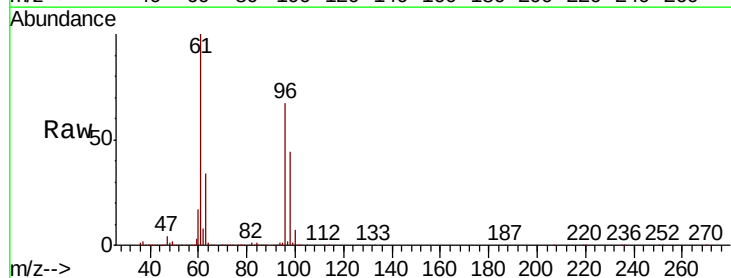
Tot Ion:101 Resp: 6890
 Ion Ratio Lower Upper
 101 100
 103 71.8 52.7 79.1

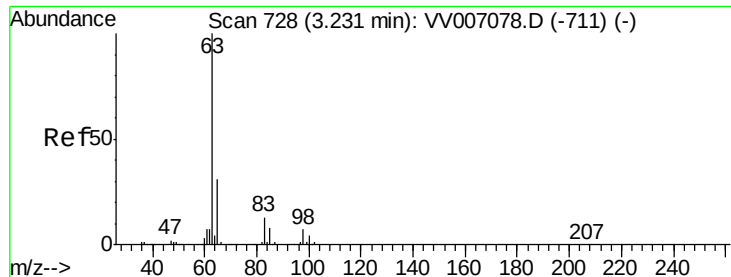


#12

1,1-Dichloroethene
 Concen: 144.13 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007091.D
 Acq: 20 Aug 2018 23:59

Tgt Ion: 96 Resp: 2444361
 Ion Ratio Lower Upper
 96 100
 61 149.0 111.6 207.4
 63 51.1 84.9 157.7#





#19

1,1-Dichloroethane

Concen: 10.02 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

MSVOA_V

ClientSampleId :

C0325

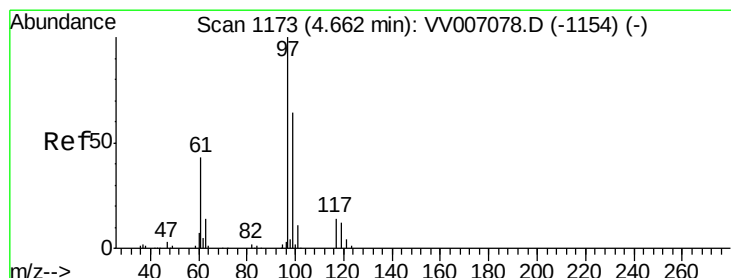
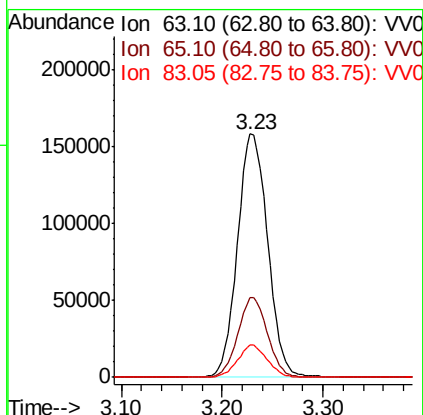
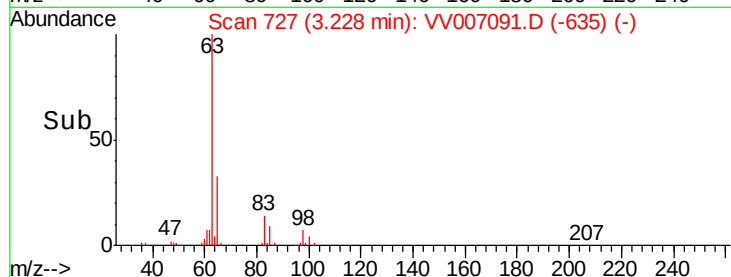
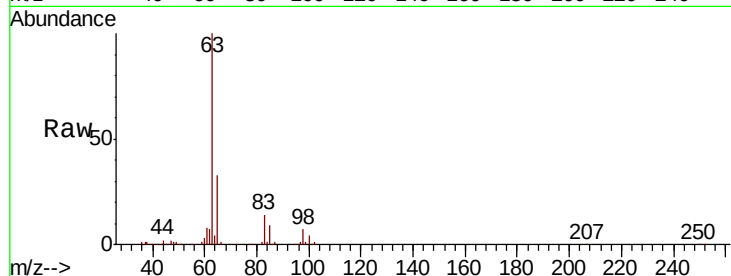
Tot Ion: 63 Resp: 328436

Ion Ratio Lower Upper

63 100

65 32.6 21.7 40.3

83 13.5 10.0 18.6



#29

1,1,1-Trichloroethane

Concen: 450.68 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

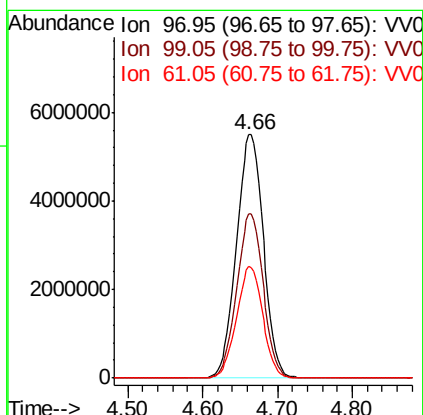
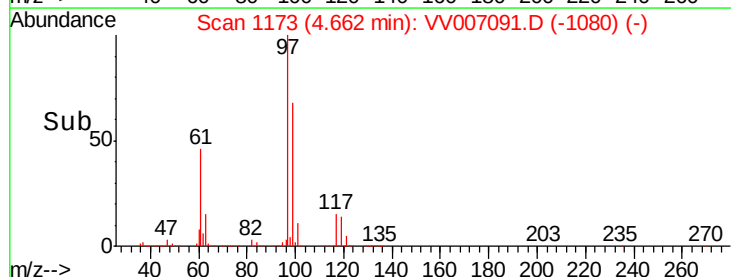
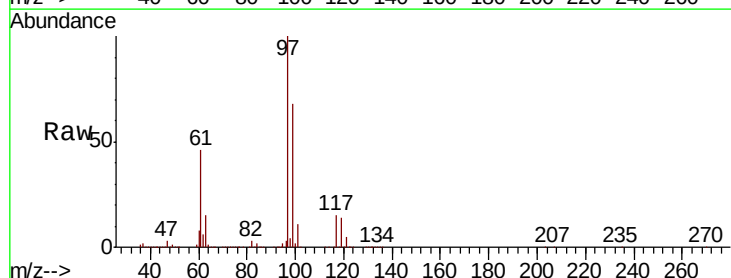
Tgt Ion: 97 Resp: 13803822

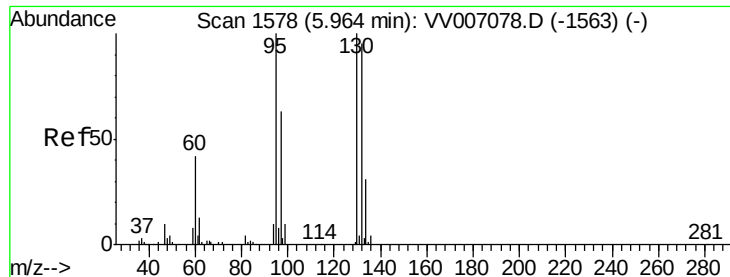
Ion Ratio Lower Upper

97 100

99 66.3 51.0 76.6

61 44.6 36.6 54.8





#34

Trichloroethene

Concen: 1.11 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

MSVOA_V

ClientSampleId :

C0325

Tot Ion: 95 Resp: 21252

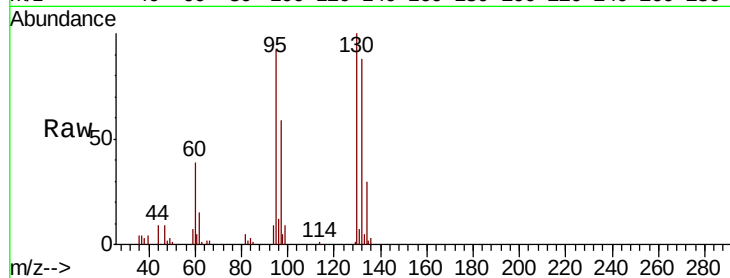
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 96.5 65.5 121.6

130 109.2 66.4 123.4

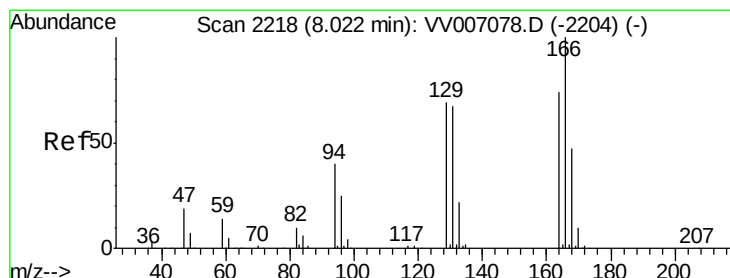
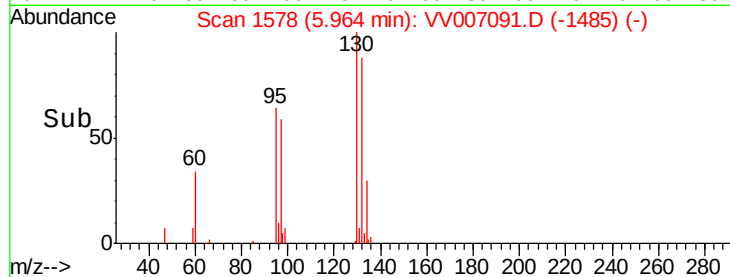
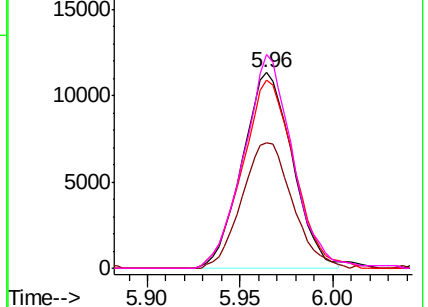


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

Tetrachloroethene

Concen: 0.21 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Tgt Ion: 164 Resp: 3294

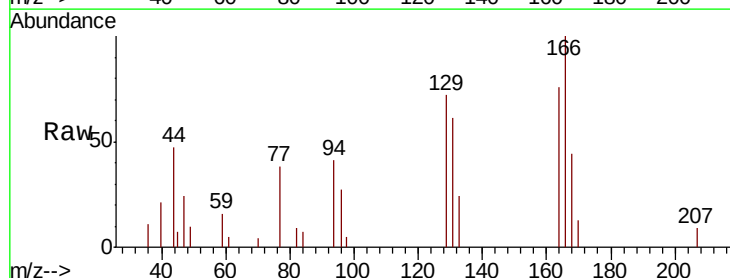
Ion Ratio Lower Upper

164 100

129 95.4 65.9 122.3

131 81.0 64.2 119.2

166 131.8 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): VV0

Ion 128.95 (128.65 to 129.65): VV0

Ion 130.95 (130.65 to 131.65): VV0

Ion 165.90 (165.60 to 166.60): VV0

