

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080718\
 Data File : VR025582.D
 Acq On : 7 Aug 2018 18:17
 Operator : SY/MD
 Sample : J4358-16
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX7

Quant Time: Aug 08 03:48:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	545011	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	452798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	278241	8.23	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	164.60%#
7) Chloroethane-d5	2.64	69	106810	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	3.65	63	282183	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	6.65	46	187697	67.24	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.48%#
24) Chloroform-d	7.21	84	277372	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.90	65	95702	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	7.86	84	592882	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.90	67	160504	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	504607	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	35028	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	169183	64.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77568	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	140051	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

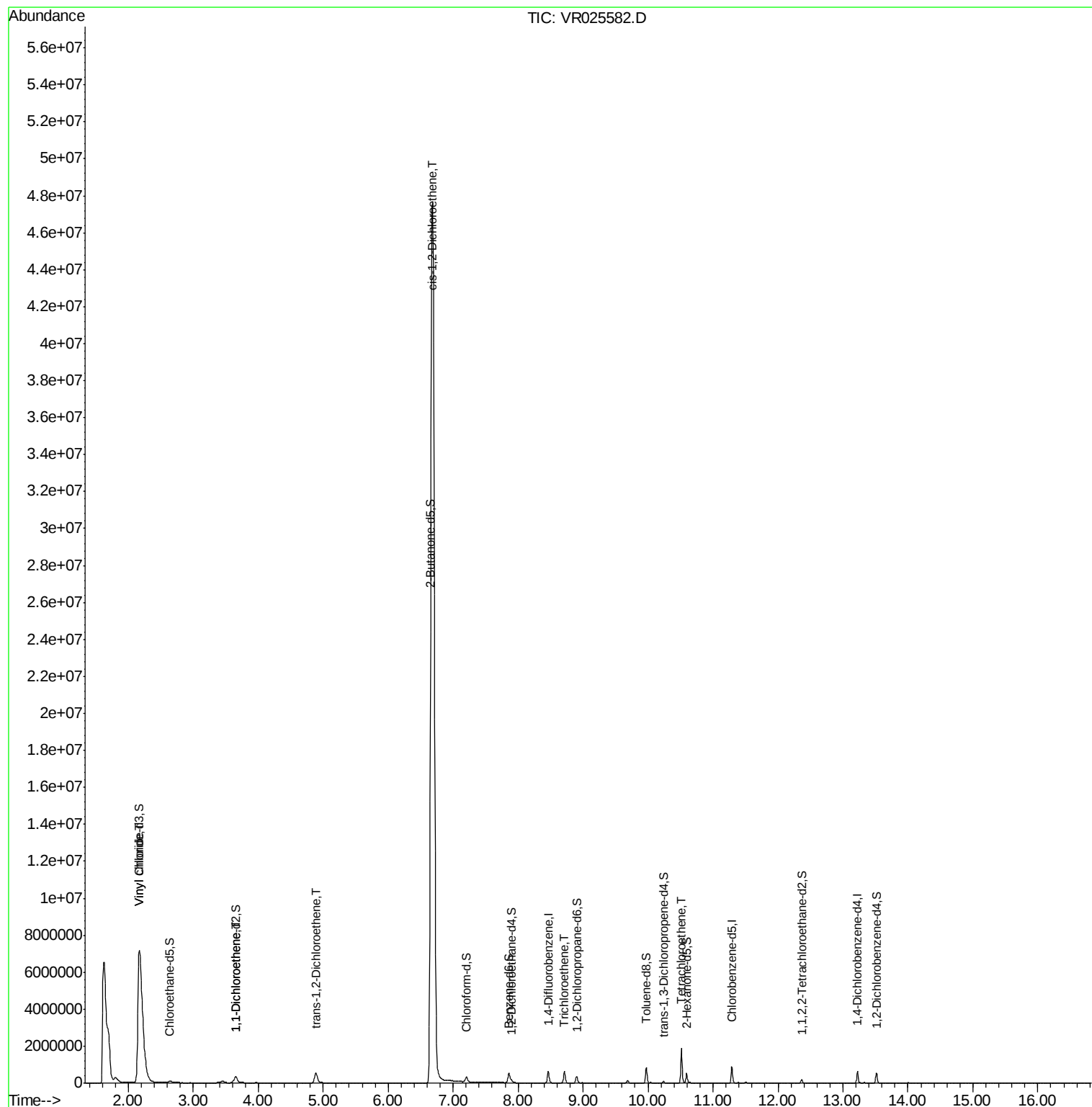
						Ovalue
5) Vinyl chloride	2.17	62	20444206	496.46	ug/L	94
12) 1,1-Dichloroethene	3.67	96	130275	3.35	ug/L	82
18) trans-1,2-Dichloroethene	4.89	96	400730	10.75	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	31510584	925.34	ug/L #	96
34) Trichloroethene	8.71	95	198371	5.70	ug/L	96
47) Tetrachloroethene	10.52	164	393873	13.23	ug/L	95

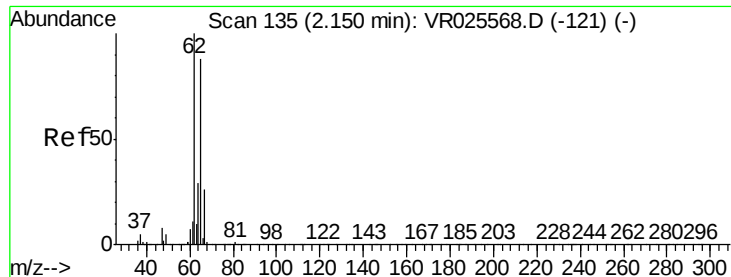
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 496.46 ug/L

RT: 2.17 min Scan# 139

Delta R.T. 0.02 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

Instrument :

MSVOA_R

ClientSampleId :

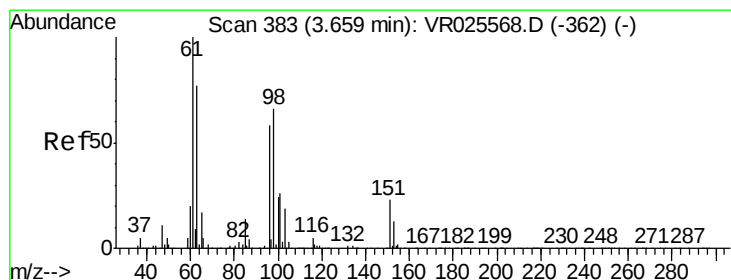
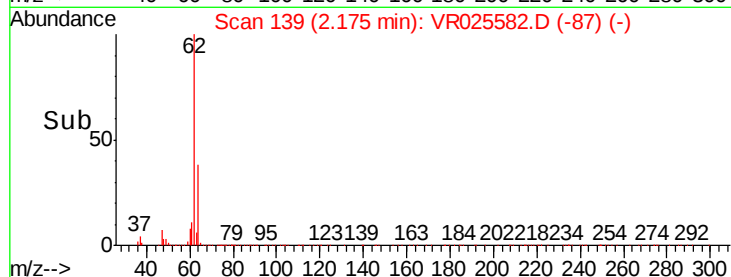
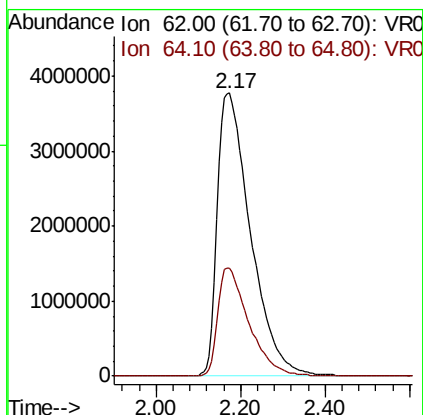
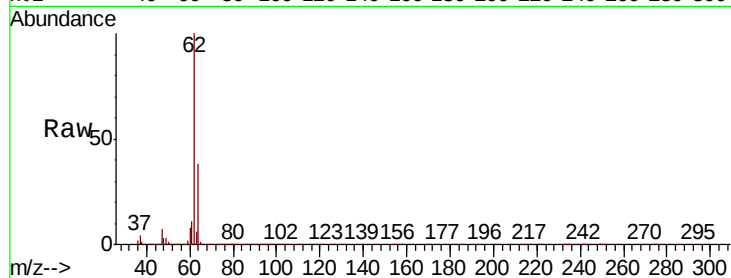
ESWX7

Tot Ion: 62 Resp: 20444206

Ion Ratio Lower Upper

62 100

64 38.0 24.1 44.8



#12

1,1-Dichloroethene

Concen: 3.35 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.02 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

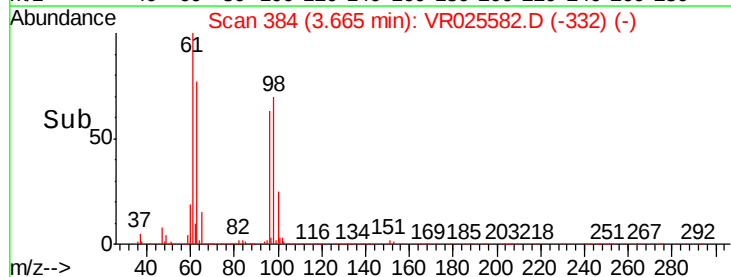
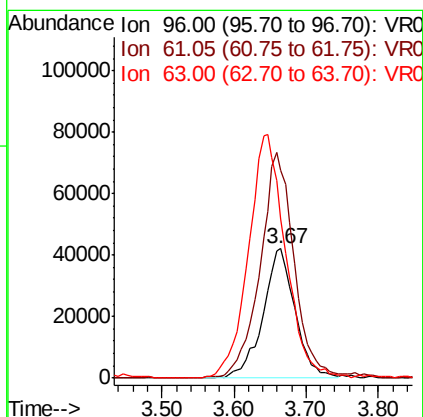
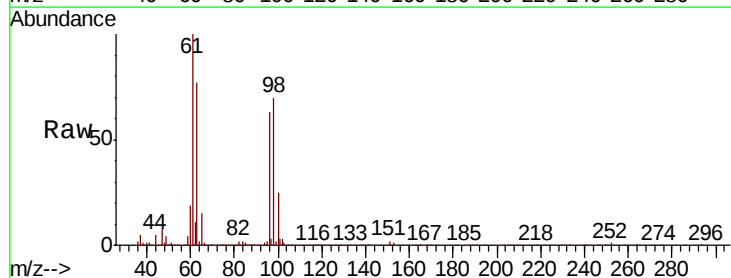
Tgt Ion: 96 Resp: 130275

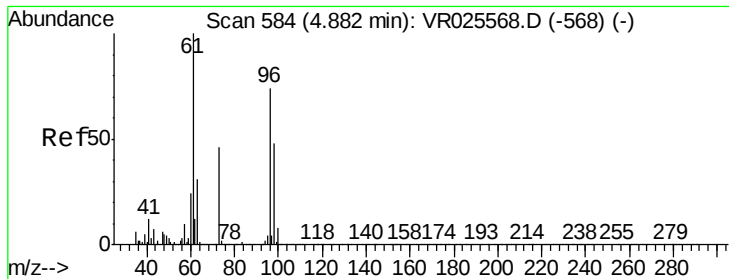
Ion Ratio Lower Upper

96 100

61 160.0 124.3 230.8

63 123.3 108.1 200.7





#18

trans-1,2-Dichloroethene

Concen: 10.75 ug/L

RT: 4.89 min Scan# 586

Delta R.T. 0.01 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

Instrument :

MSVOA_R

ClientSampleId :

ESWX7

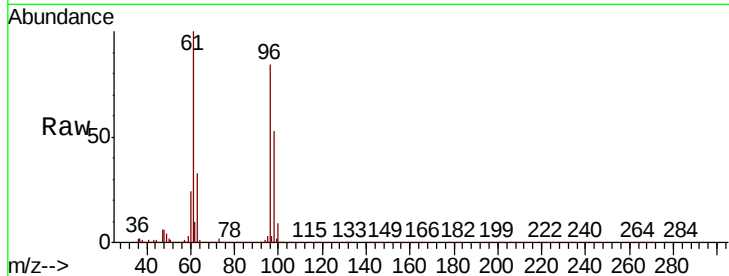
Tot Ion: 96 Resp: 400730

Ion Ratio Lower Upper

96 100

61 118.7 85.5 158.9

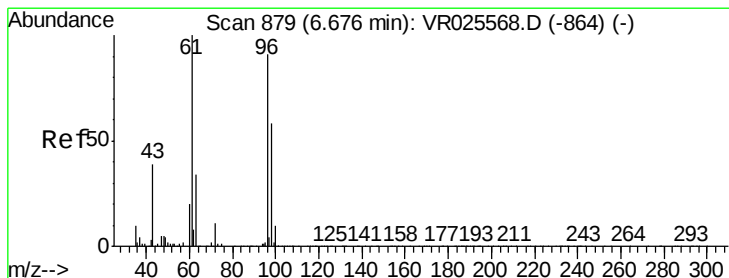
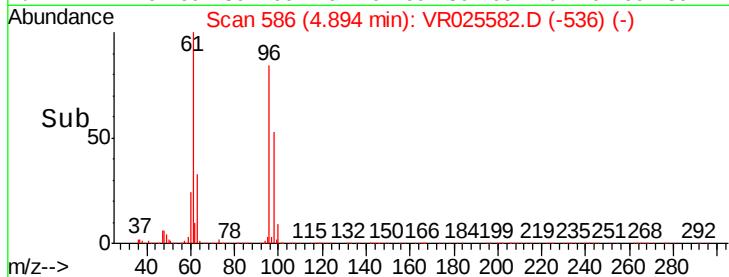
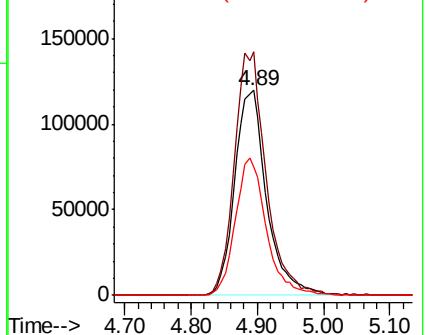
98 62.7 42.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#22

cis-1,2-Dichloroethene

Concen: 925.34 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.00 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

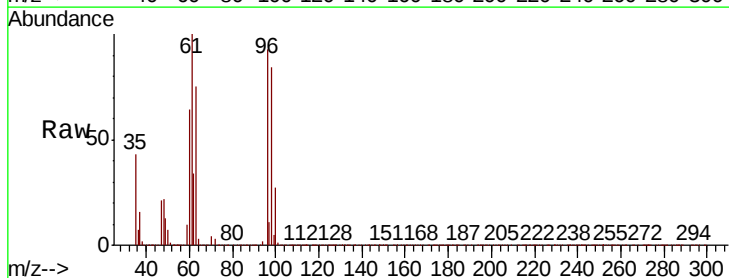
Tgt Ion: 96 Resp: 31510584

Ion Ratio Lower Upper

96 100

61 107.1 77.7 144.3

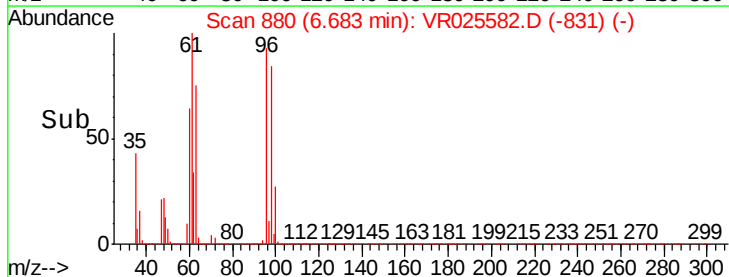
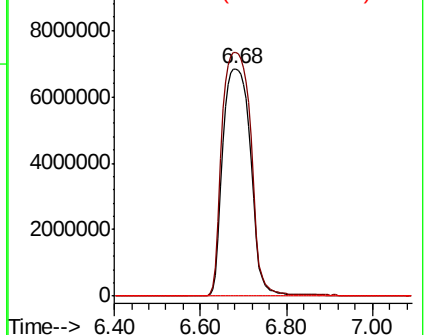
68 0.0 0.0 0.0#

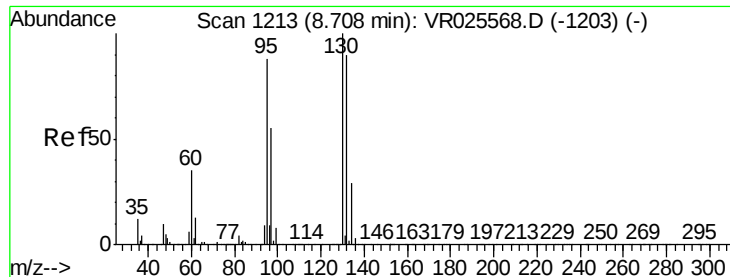


Abundance Ion 96.00 (95.70 to 96.70): VR0

1e+07 Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 5.70 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. -0.00 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

Instrument :

MSVOA_R

ClientSampleId :

ESWX7

Tot Ion: 95 Resp: 198371

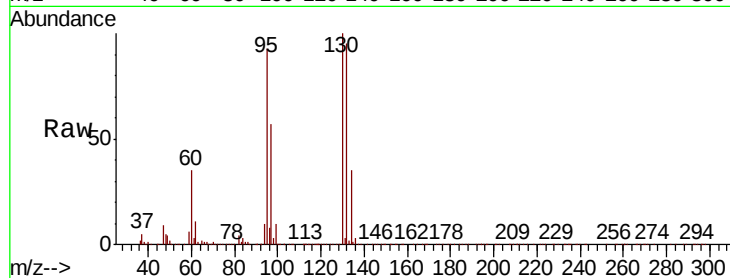
Ion Ratio Lower Upper

95 100

97 60.8 46.7 86.7

132 101.5 71.7 133.1

130 107.1 71.3 132.3

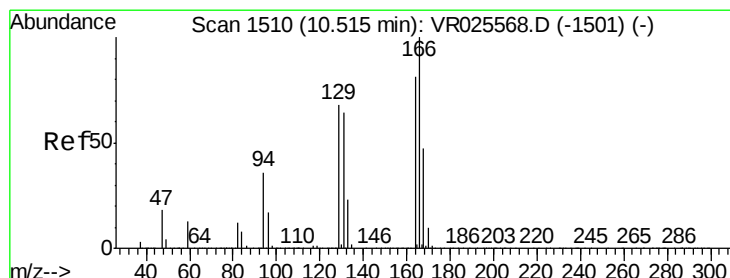
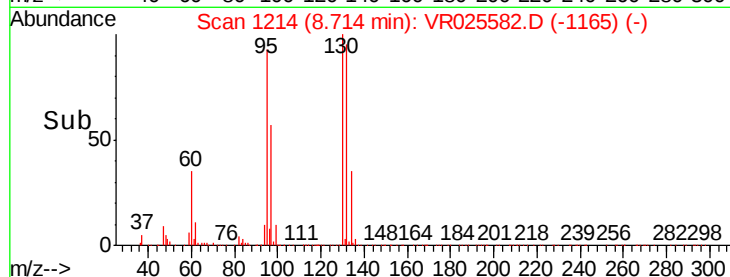
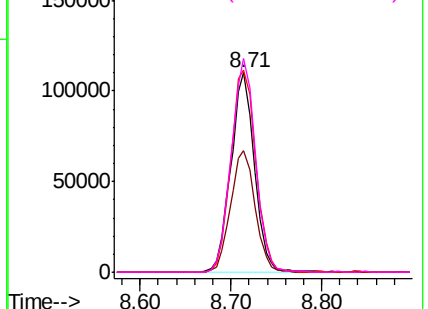


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 13.23 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025582.D

Acq: 7 Aug 2018 18:17

Tgt Ion: 164 Resp: 393873

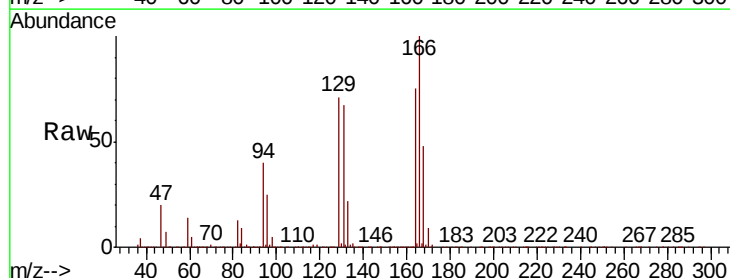
Ion Ratio Lower Upper

164 100

129 94.8 63.0 117.0

131 89.1 60.6 112.6

166 132.9 87.6 162.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

