

Data File : VR025480.D
Acq On : 16 Jul 2018 17:18
Operator : SY/MD
Sample : J4002-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG4

Quant Time: Jul 17 01:28:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	662371	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	556924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	196885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	89655	4.91	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	2.61	69	71700	4.61	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	3.60	63	197094	3.56	ug/L	-0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.56	46	268992	47.43	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.86%
24) Chloroform-d	7.18	84	390026	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.87	65	155733	4.50	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	7.83	84	846444	4.54	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.88	67	241143	4.46	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	9.96	98	749446	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	10.23	79	61400	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.58	63	233701	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	109322	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	175897	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

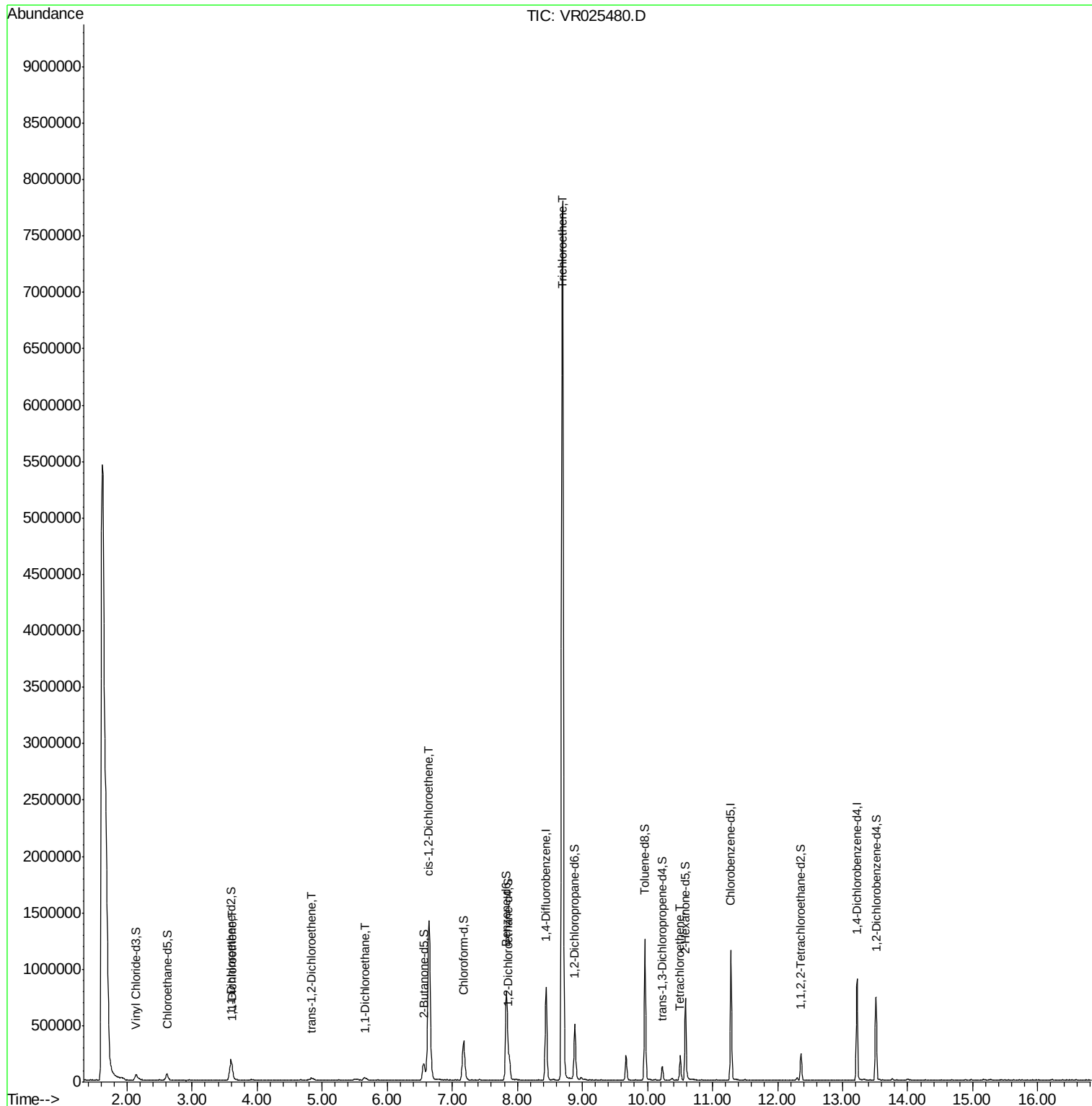
					Qvalue
12) 1,1-Dichloroethene	3.62	96	12461	0.629 ug/L #	1
18) trans-1,2-Dichloroethene	4.83	96	10194	0.207 ug/L	83
19) 1,1-Dichloroethane	5.66	63	30865	0.365 ug/L	96
22) cis-1,2-Dichloroethene	6.64	96	912352	20.182 ug/L #	97
34) Trichloroethene	8.70	95	2958843	60.545 ug/L	99
47) Tetrachloroethene	10.50	164	41049	1.286 ug/L	94

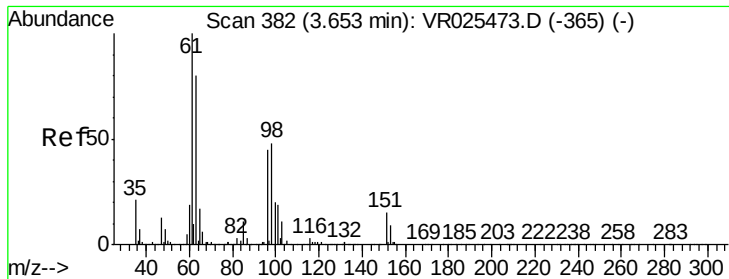
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR025480.D
Acq On : 16 Jul 2018 17:18
Operator : SY/MD
Sample : J4002-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG4

Quant Time: Jul 17 01:28:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 3.62 min Scan# 377

Delta R.T. -0.03 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

Instrument :

MSVOA_R

ClientSampleId :

C0AG4

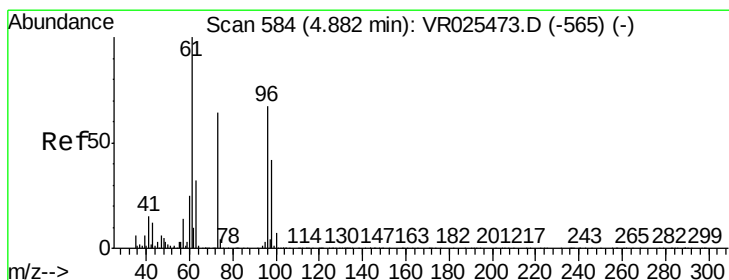
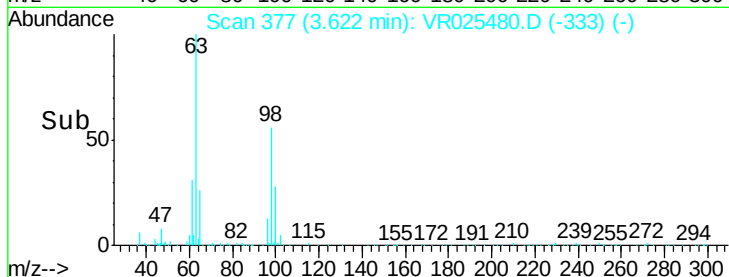
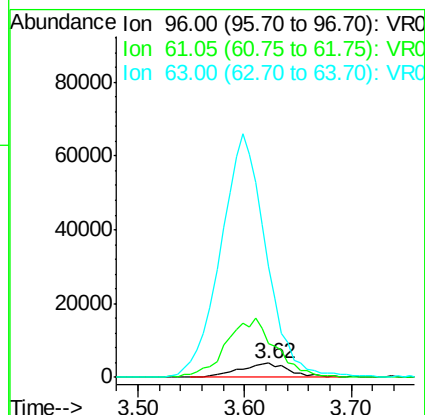
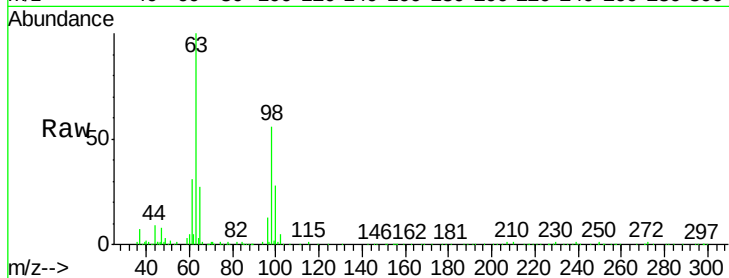
Tgt Ion: 96 Resp: 12461

Ion Ratio Lower Upper

96 100

61 243.4 155.0 287.9

63 785.7 122.3 227.1#



#18

trans-1,2-Dichloroethene

Concen: 0.207 ug/L

RT: 4.83 min Scan# 575

Delta R.T. -0.05 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

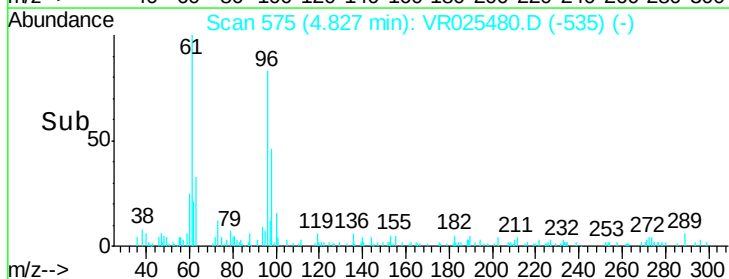
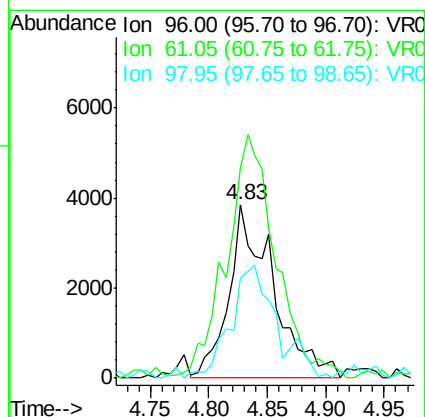
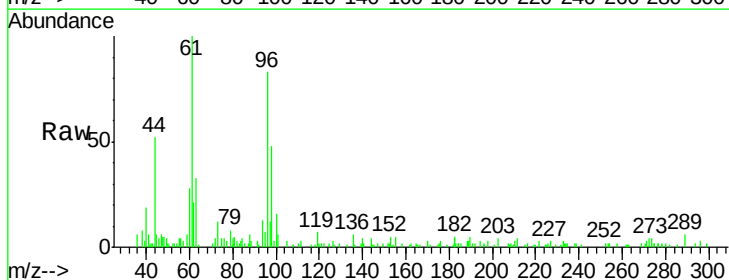
Tgt Ion: 96 Resp: 10194

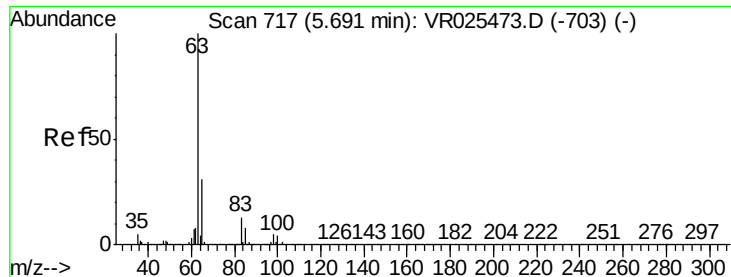
Ion Ratio Lower Upper

96 100

61 121.0 104.4 193.8

98 57.6 43.1 80.1

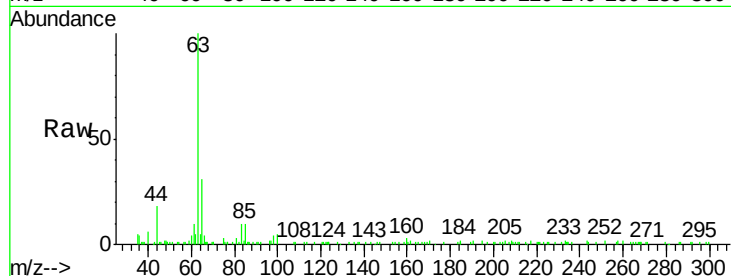




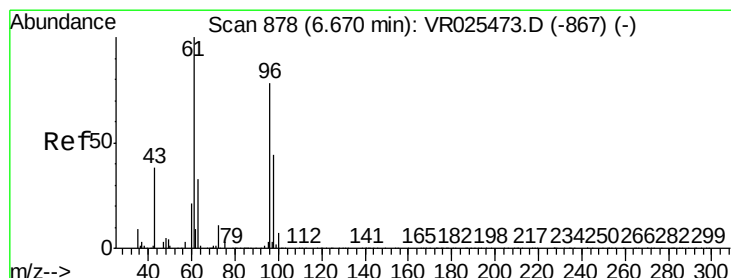
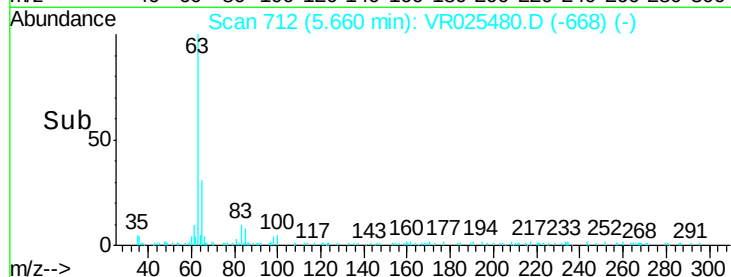
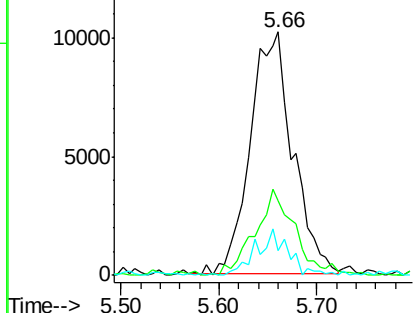
#19
1,1-Dichloroethane
Concen: 0.365 ug/L
RT: 5.66 min Scan# 712
Delta R.T. -0.03 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Instrument :
MSVOA_R
ClientSampleId :
C0AG4

Tgt Ion:	63	Resp:	30865
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.5	41.7
83	10.4	9.5	17.7

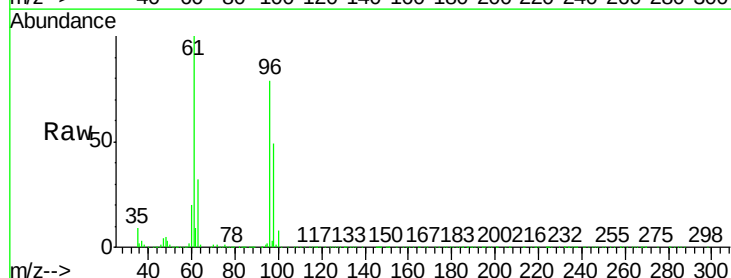


Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 65.10 (64.80 to 65.80): VR0
Ion 83.05 (82.75 to 83.75): VR0

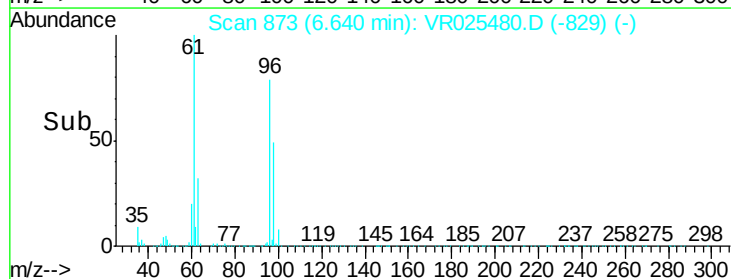
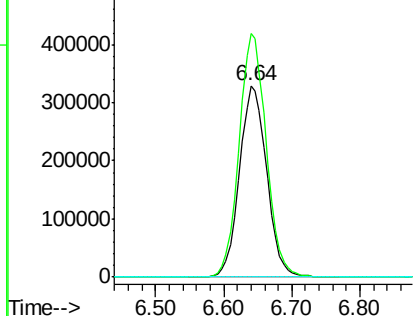


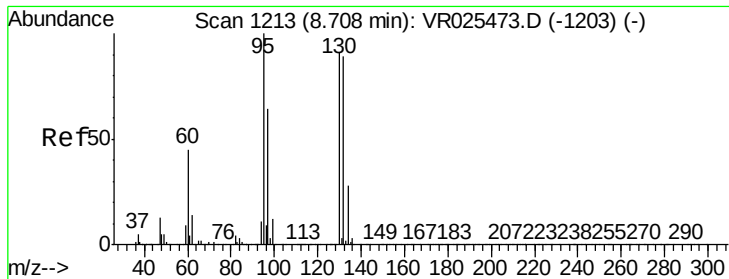
#22
cis-1,2-Dichloroethene
Concen: 20.182 ug/L
RT: 6.64 min Scan# 873
Delta R.T. -0.03 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Tgt Ion:	96	Resp:	912352
Ion	Ratio	Lower	Upper
96	100		
61	127.0	91.0	169.0
68	0.1	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 60.545 ug/L

RT: 8.70 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

Instrument :

MSVOA_R

ClientSampleId :

C0AG4

Tgt Ion: 95 Resp: 2958843

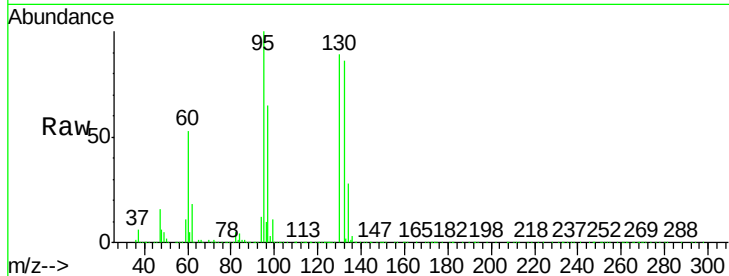
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.6

132 86.0 60.9 113.1

130 89.2 62.0 115.2

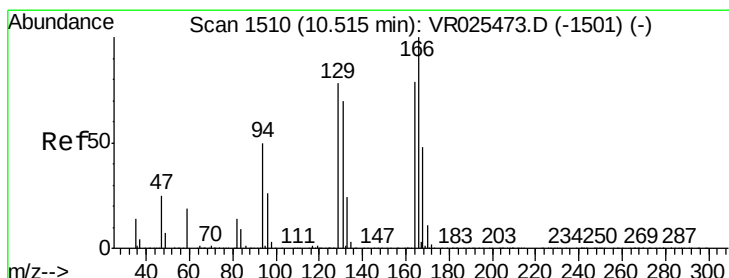
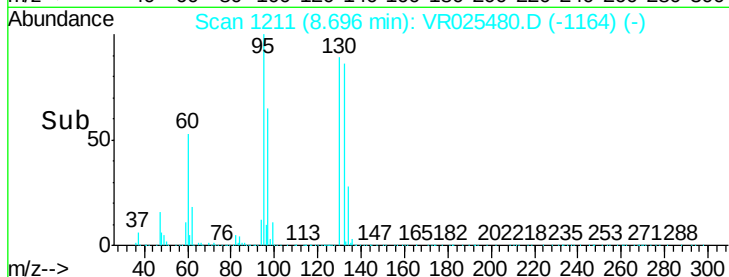
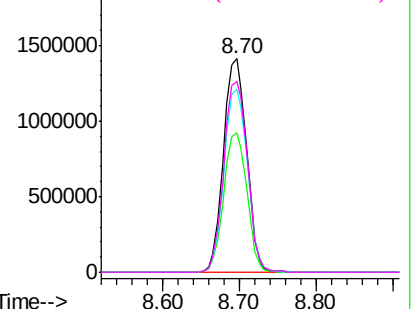


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 1.286 ug/L

RT: 10.50 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

Tgt Ion: 164 Resp: 41049

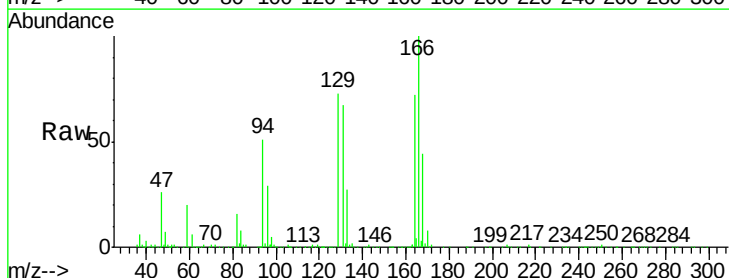
Ion Ratio Lower Upper

164 100

129 102.2 68.1 126.5

131 93.9 68.5 127.1

166 139.3 89.9 166.9



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

