

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080618\
 Data File : VR025563.D
 Acq On : 6 Aug 2018 19:48
 Operator : SY/MD
 Sample : J4358-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4

Quant Time: Aug 07 00:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	536303	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	472219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	134316	4.04	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	2.64	69	89325	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.20%
11) 1,1-Dichloroethene-d2	3.64	63	235714	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	6.60	46	153497	55.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.76%
24) Chloroform-d	7.21	84	270143	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	7.90	65	97367	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	7.86	84	592682	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	167520	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	531727	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	36696	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	10.59	63	169156	62.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81384	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	151205	6.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.80%#

Target Compounds

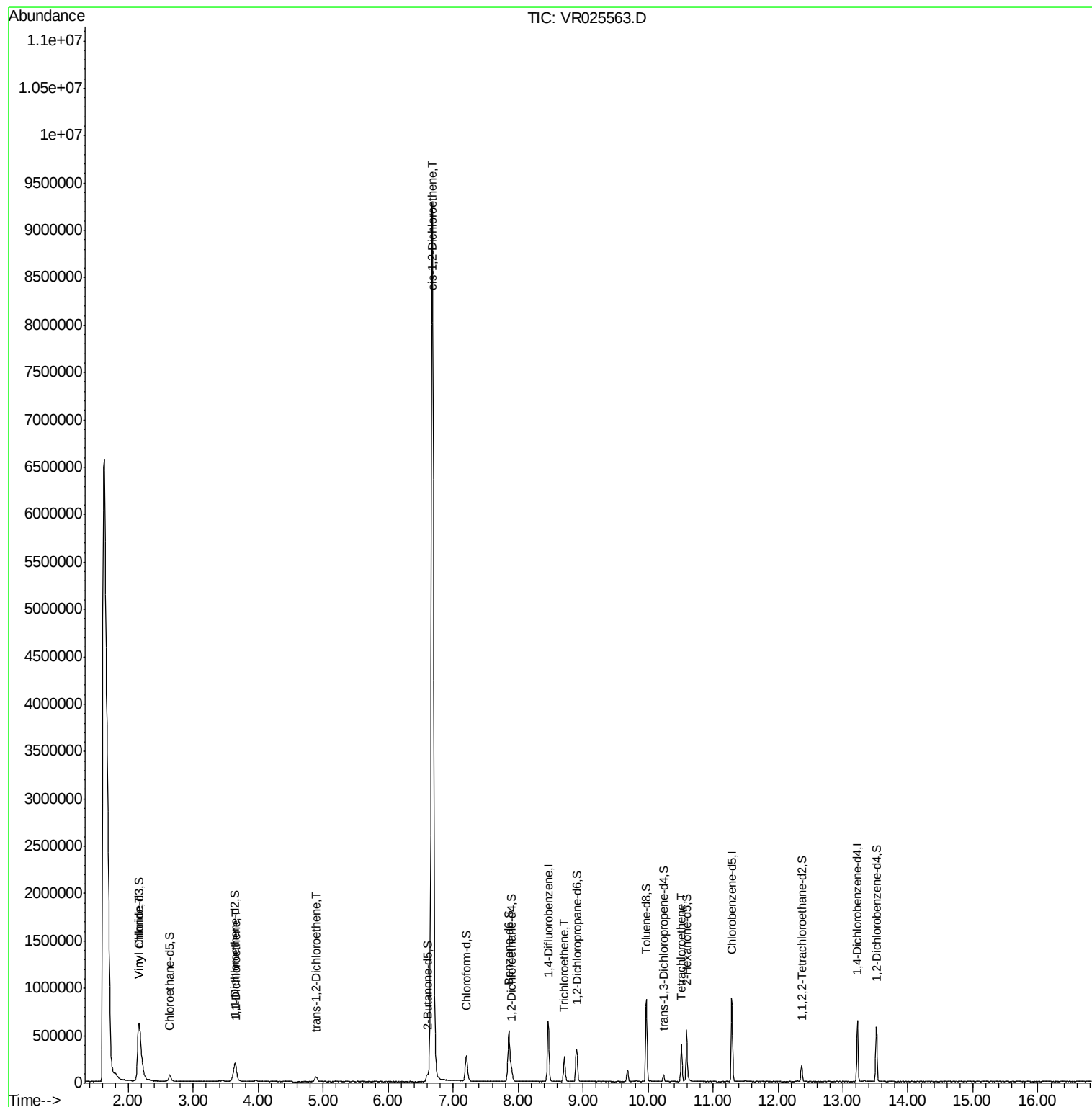
					Ovalue
5) Vinyl chloride	2.16	62	1374926	33.93	ug/L 96
12) 1,1-Dichloroethene	3.66	96	13609	0.36	ug/L # 1
18) trans-1,2-Dichloroethene	4.88	96	34188	0.93	ug/L 88
22) cis-1,2-Dichloroethene	6.68	96	5894136	175.90	ug/L # 95
34) Trichloroethene	8.71	95	84320	2.32	ug/L 96
47) Tetrachloroethene	10.51	164	86032	2.77	ug/L 97

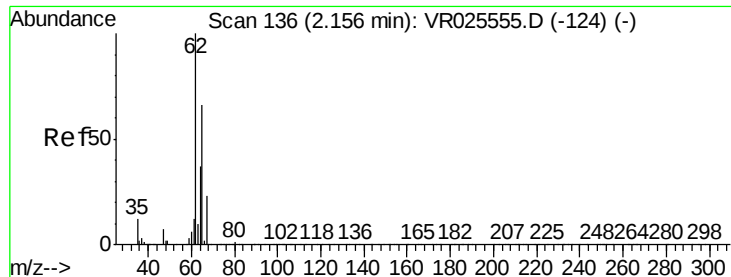
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 23:40:46 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 33.93 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

Lab File: VR025563.D

Acq: 6 Aug 2018 19:48

Instrument :

MSVOA_R

ClientSampleId :

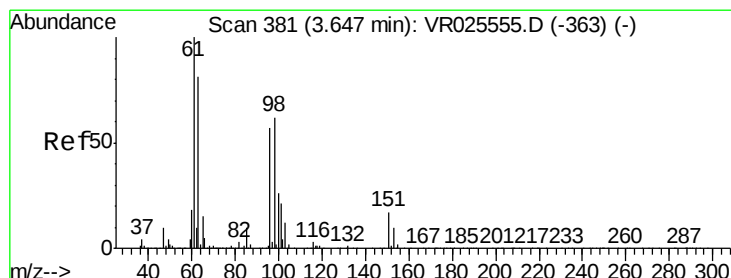
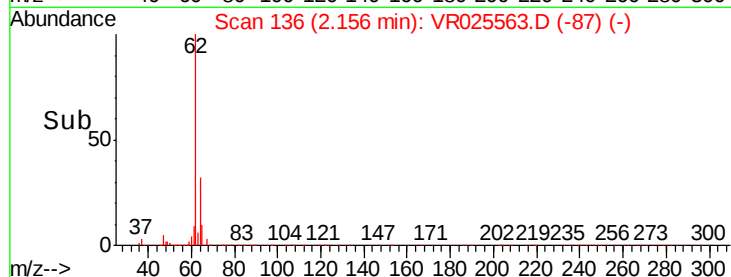
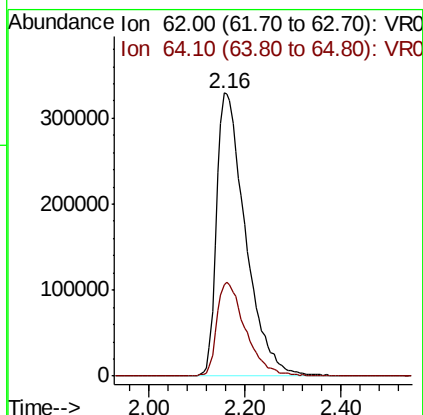
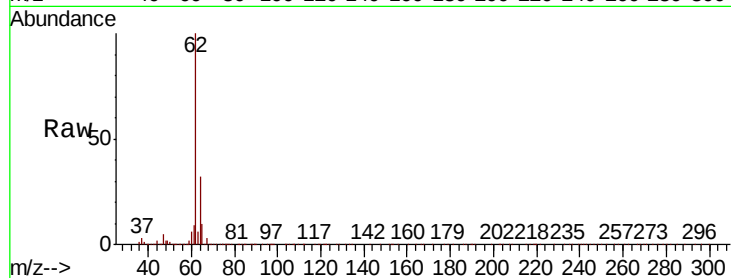
ESWW4

Tot Ion: 62 Resp: 1374926

Ion Ratio Lower Upper

62 100

64 32.2 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.36 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025563.D

Acq: 6 Aug 2018 19:48

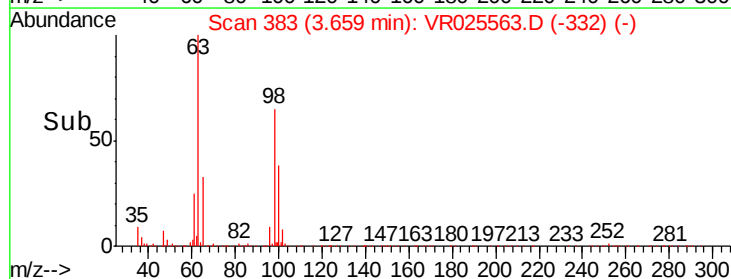
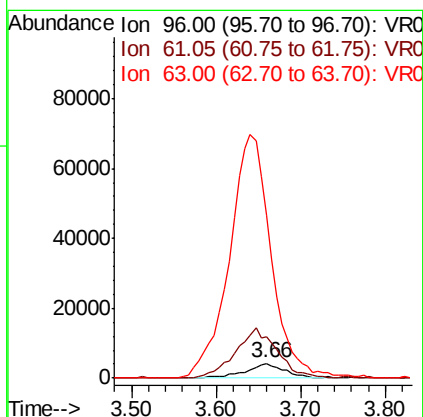
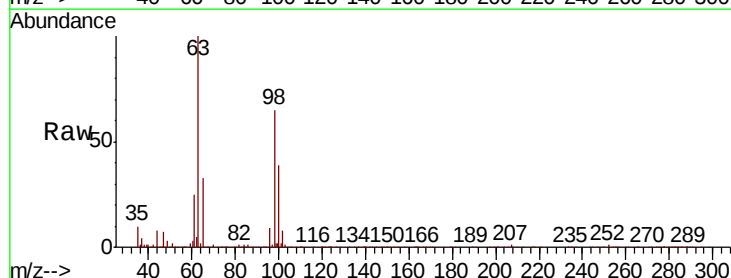
Tgt Ion: 96 Resp: 13609

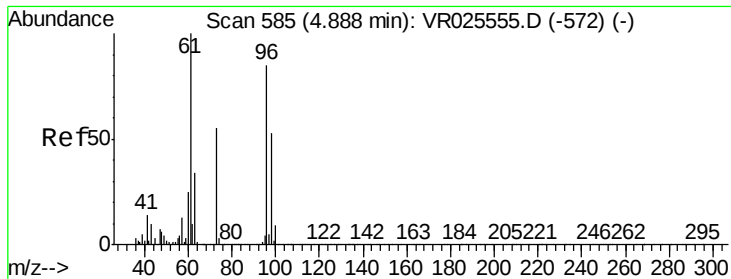
Ion Ratio Lower Upper

96 100

61 271.3 124.3 230.8#

63 1082.4 108.1 200.7#





#18

trans-1,2-Dichloroethene

Concen: 0.93 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025563.D

Acq: 6 Aug 2018 19:48

Instrument :

MSVOA_R

ClientSampleId :

ESWW4

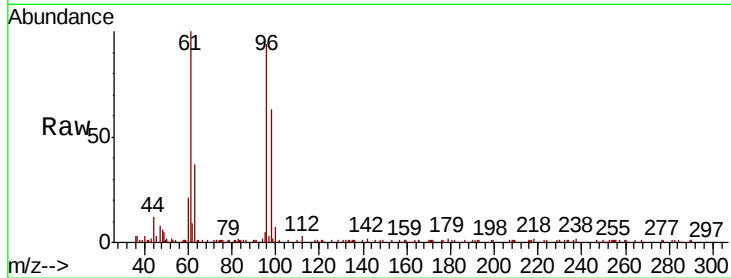
Tot Ion: 96 Resp: 34188

Ion Ratio Lower Upper

96 100

61 106.7 85.5 158.9

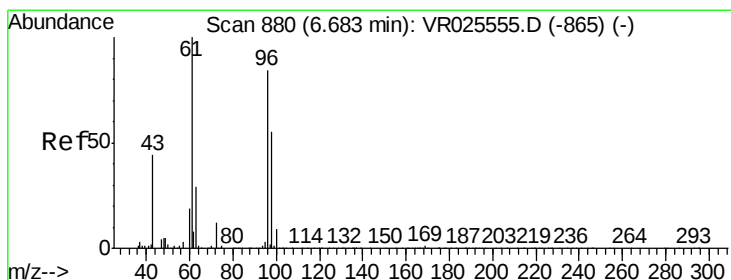
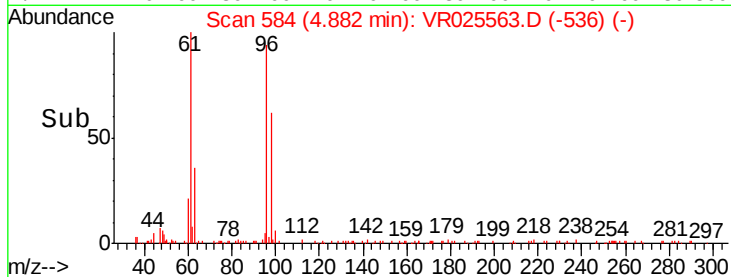
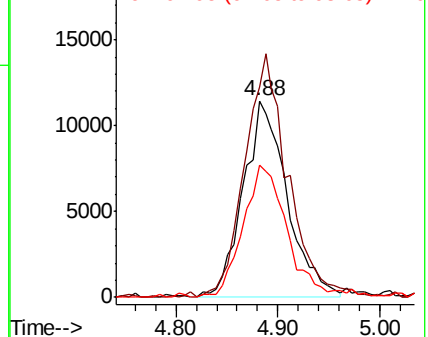
98 67.0 42.1 78.1



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: 175.90 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025563.D

Acq: 6 Aug 2018 19:48

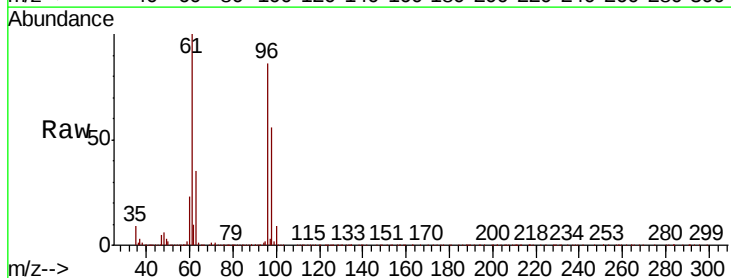
Tgt Ion: 96 Resp: 5894136

Ion Ratio Lower Upper

96 100

61 116.4 77.7 144.3

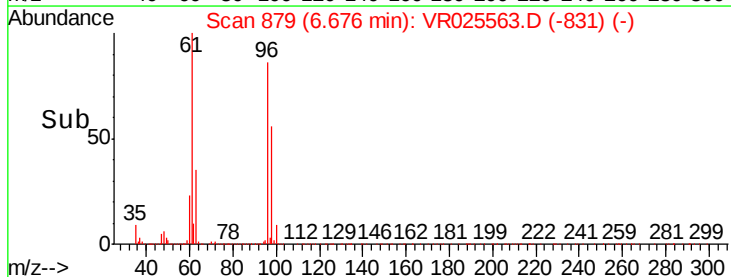
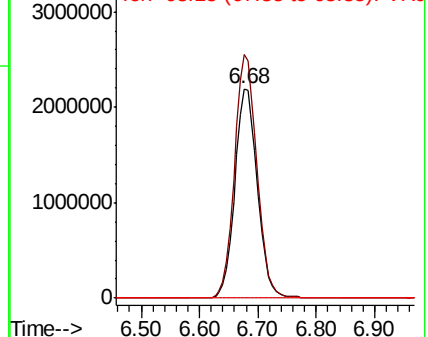
68 0.0 0.0 0.0#

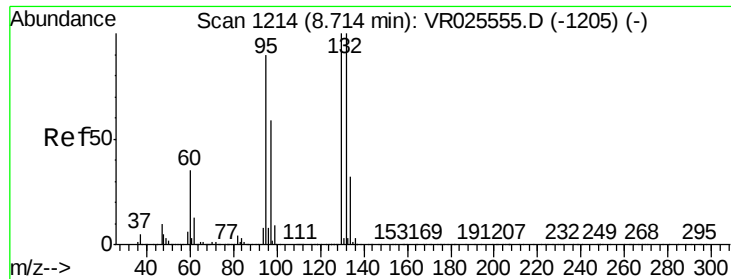


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

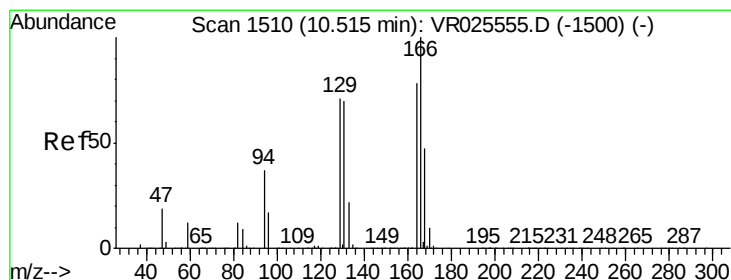
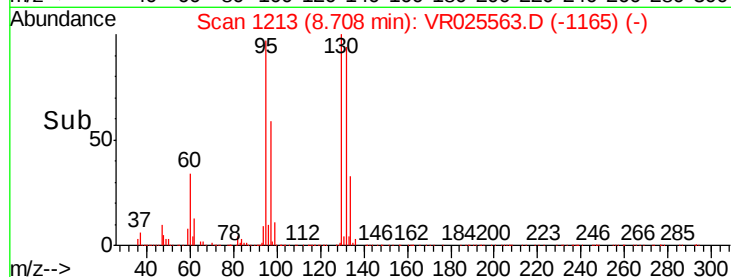
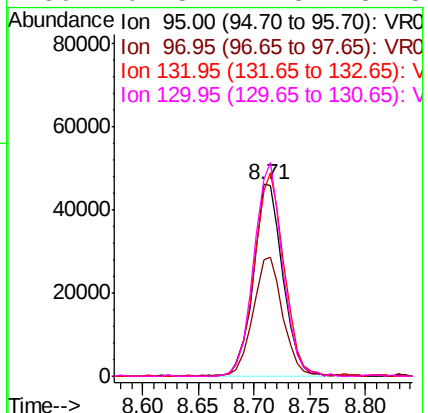
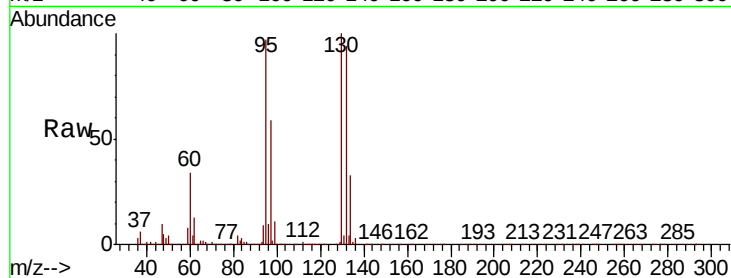




#34
 Trichloroethene
 Concen: 2.32 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: VR025563.D
 Acq: 6 Aug 2018 19:48

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4

Tot Ion:	95	Resp:	84320
Ion	Ratio	Lower	Upper
95	100		
97	61.0	46.7	86.7
132	96.7	71.7	133.1
130	102.8	71.3	132.3



#47
 Tetrachloroethene
 Concen: 2.77 ug/L
 RT: 10.51 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VR025563.D
 Acq: 6 Aug 2018 19:48

Tgt Ion:	164	Resp:	86032
Ion	Ratio	Lower	Upper
164	100		
129	87.6	63.0	117.0
131	88.5	60.6	112.6
166	128.5	87.6	162.8

