

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062218\
 Data File : VR025421.D
 Acq On : 22 Jun 2018 19:12
 Operator : SY/MD
 Sample : J3674-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB7

Quant Time: Jun 22 23:11:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	512698	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	60522	3.46	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	2.64	69	51157	3.99	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	3.64	63	141619	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.60	46	310080	66.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.48%#
24) Chloroform-d	7.20	84	329233	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	7.89	65	136999	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	7.86	84	668180	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	8.90	67	222066	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	9.97	98	559203	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	10.24	79	39263	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	10.59	63	250201	63.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101066	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.40%#
64) 1,2-Dichlorobenzene-d4	13.51	152	141090	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

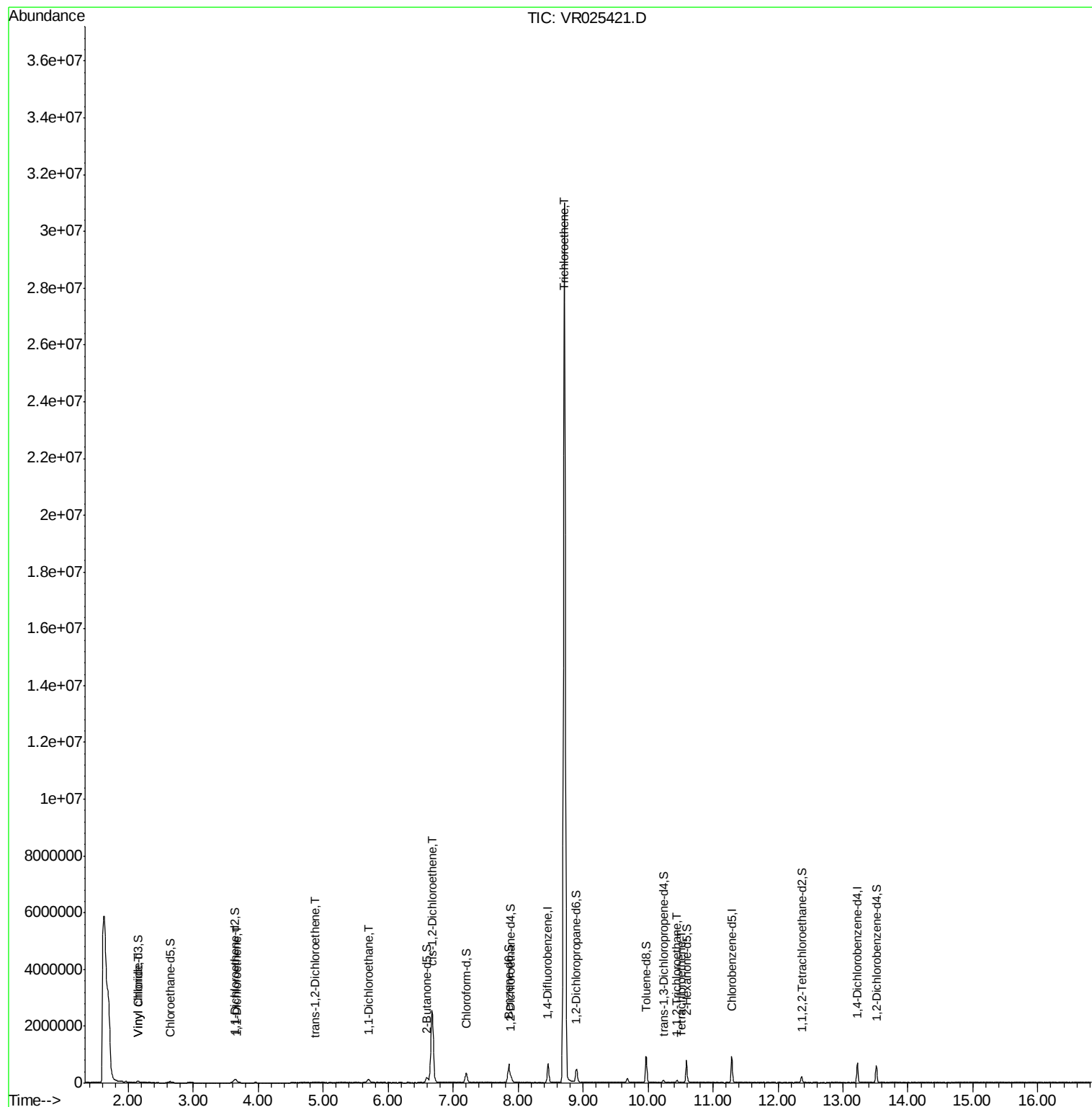
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.15	62	23992	1.13	ug/L	84
12) 1,1-Dichloroethene	3.67	96	21836	1.21	ug/L	69
18) trans-1,2-Dichloroethene	4.89	96	13017	0.35	ug/L	88
19) 1,1-Dichloroethane	5.70	63	172466	2.48	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	1573861	40.71	ug/L	93
34) Trichloroethene	8.71	95	10243227	244.57	ug/L	93
45) 1,1,2-Trichloroethane	10.44	97	19963	1.12	ug/L	97
47) Tetrachloroethene	10.50	164	6274	0.22	ug/L #	68

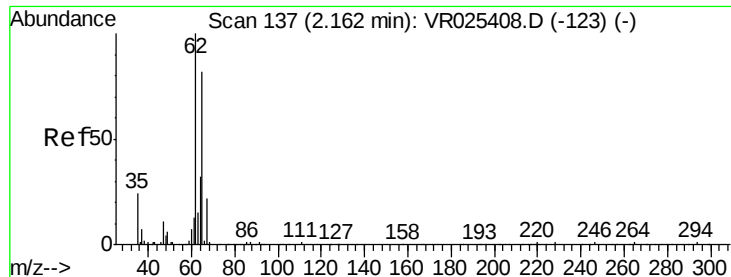
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.13 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025421.D

Acq: 22 Jun 2018 19:12

Instrument :

MSVOA_R

ClientSampleId :

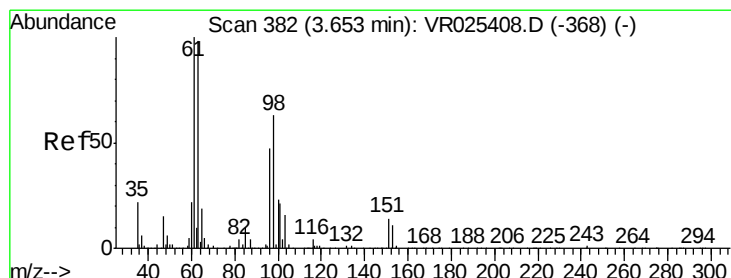
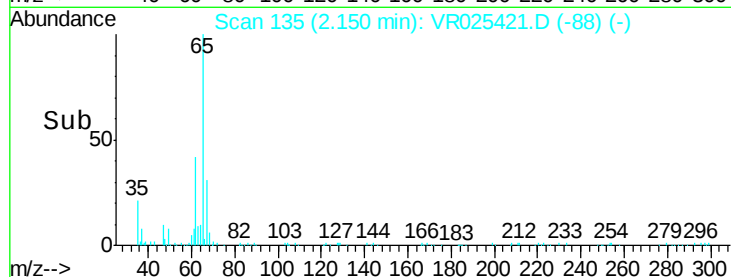
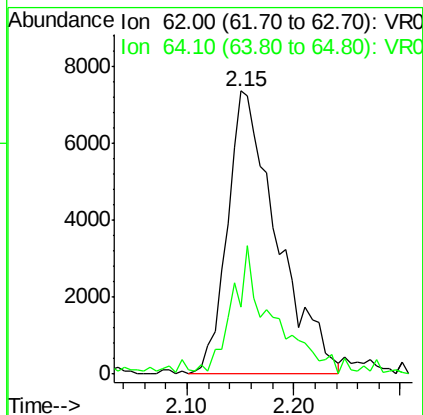
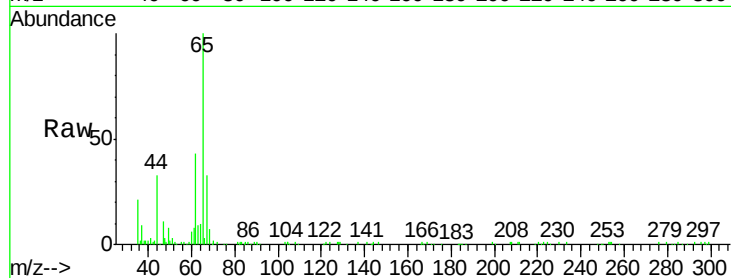
DAZB7

Tot Ion: 62 Resp: 23992

Ion Ratio Lower Upper

62 100

64 23.6 22.8 42.4



#12

1,1-Dichloroethene

Concen: 1.21 ug/L

RT: 3.67 min Scan# 385

Delta R.T. 0.02 min

Lab File: VR025421.D

Acq: 22 Jun 2018 19:12

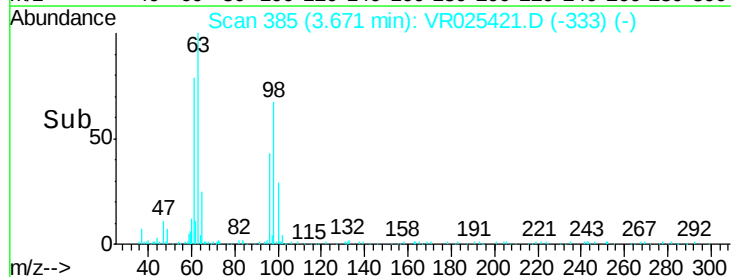
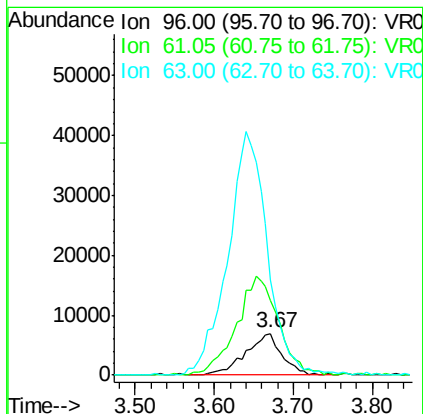
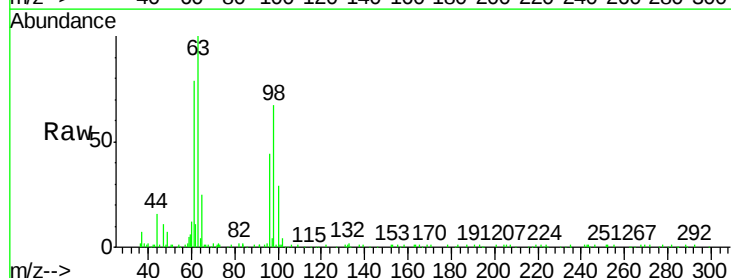
Tgt Ion: 96 Resp: 21836

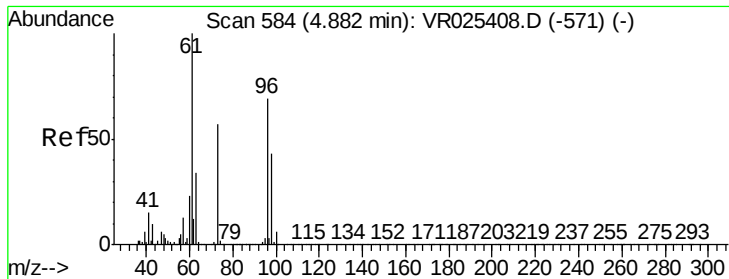
Ion Ratio Lower Upper

96 100

61 179.3 155.0 287.9

63 225.7 122.3 227.1





#18

trans-1,2-Dichloroethene

Concen: 0.35 ug/L

RT: 4.89 min Scan# 585

Delta R.T. 0.01 min

Lab File: VR025421.D

Acq: 22 Jun 2018 19:12

Instrument :

MSVOA_R

ClientSampleId :

DAZB7

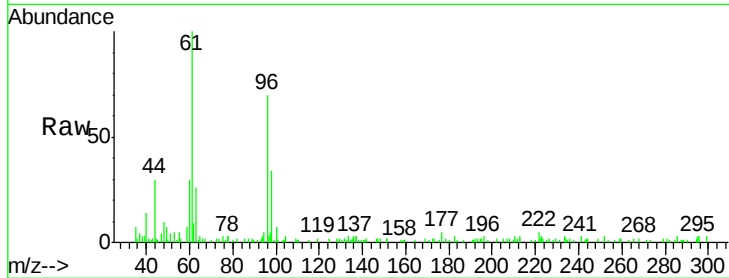
Tot Ion: 96 Resp: 13017

Ion Ratio Lower Upper

96 100

61 138.0 104.4 193.8

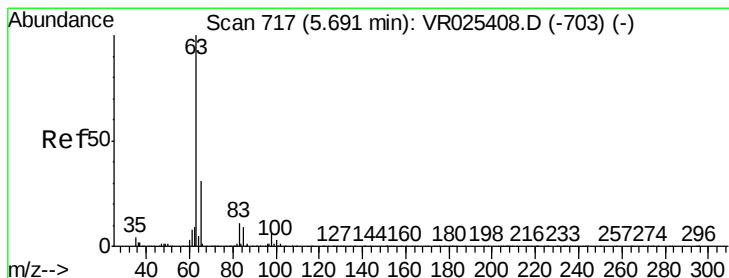
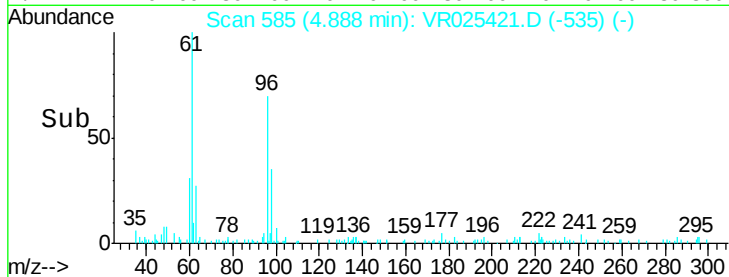
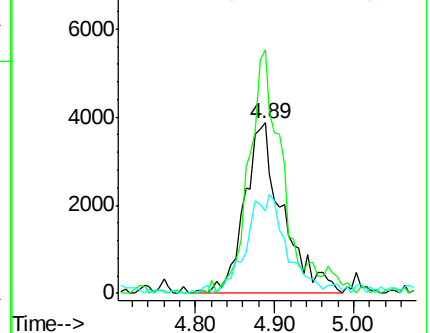
98 46.9 43.1 80.1



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



#19

1,1-Dichloroethane

Concen: 2.48 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

Lab File: VR025421.D

Acq: 22 Jun 2018 19:12

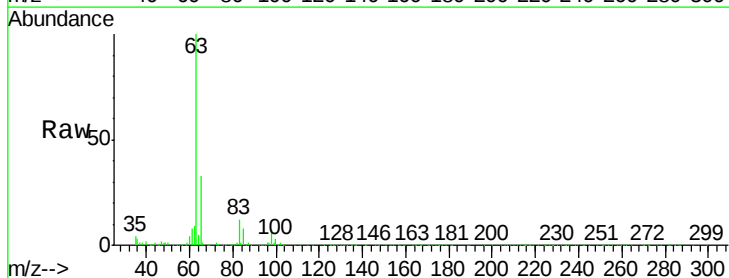
Tgt Ion: 63 Resp: 172466

Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.7

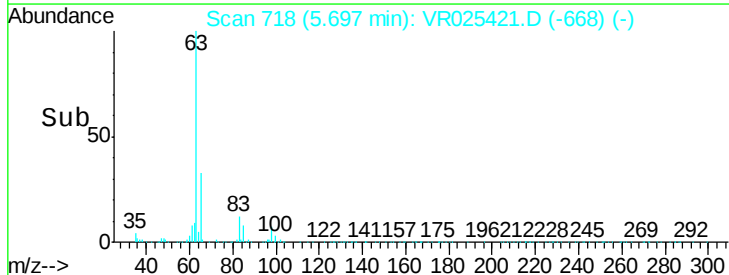
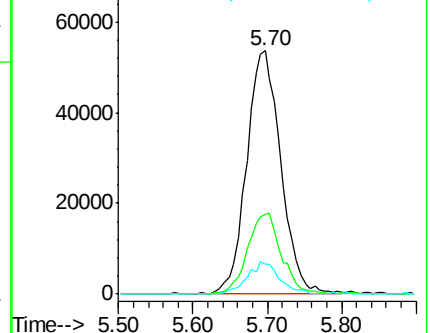
83 12.2 9.5 17.7

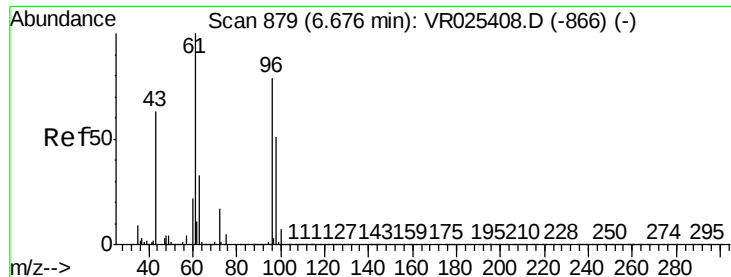


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



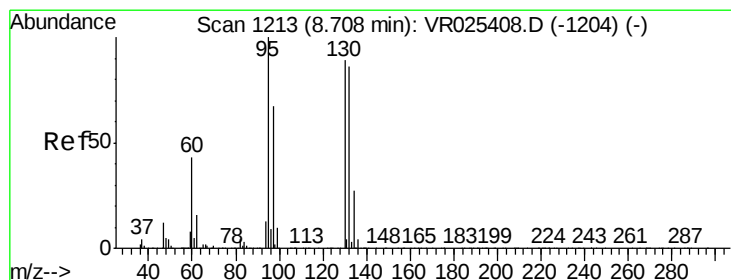
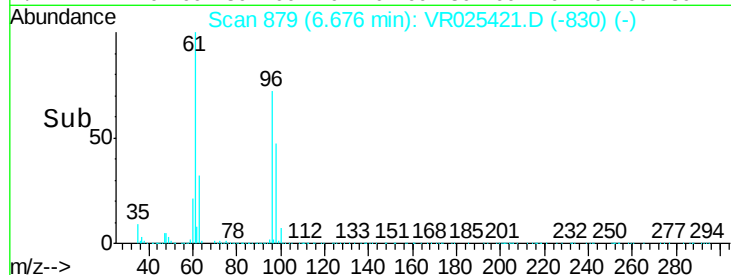
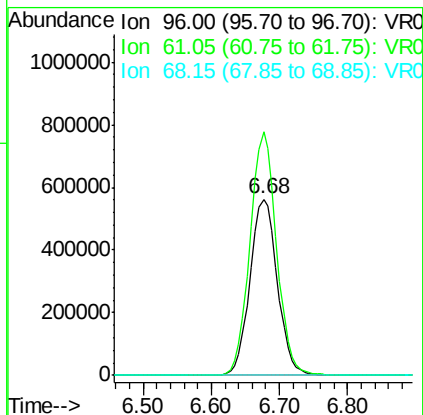
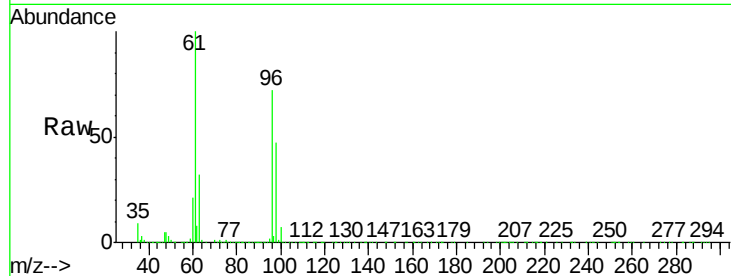


#22

cis-1,2-Dichloroethene
Concen: 40.71 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025421.D
Acq: 22 Jun 2018 19:12

Instrument :
MSVOA_R
ClientSampled :
DAZB7

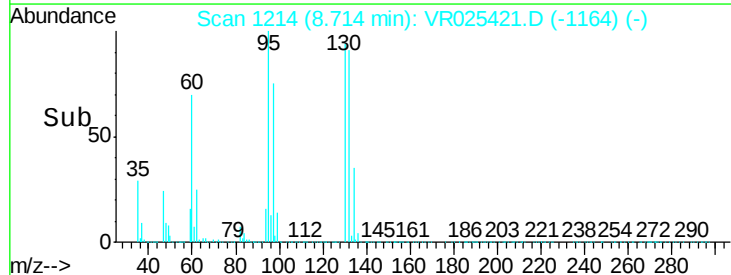
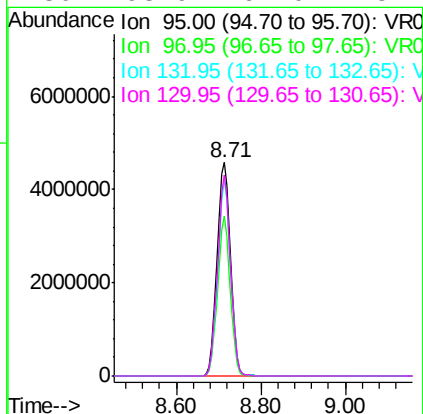
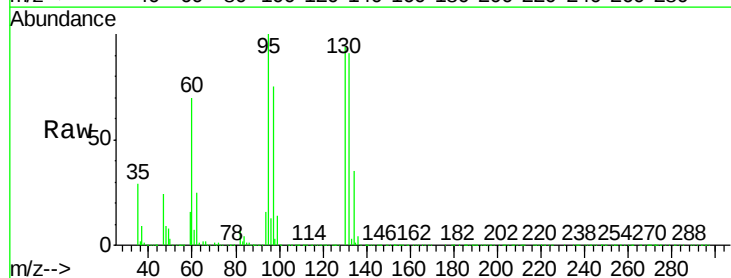
Tot Ion: 96 Resp: 1573861
Ion Ratio Lower Upper
96 100
61 138.4 91.0 169.0
68 0.0 0.0 0.0

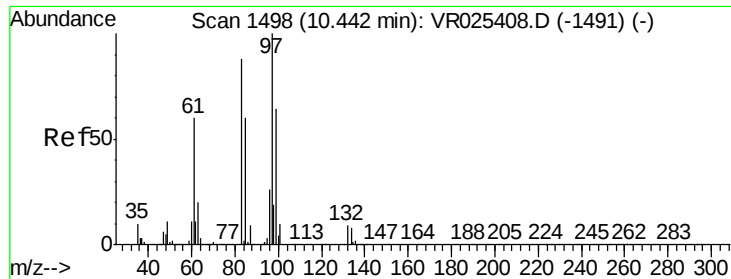


#34

Trichloroethene
Concen: 244.57 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025421.D
Acq: 22 Jun 2018 19:12

Tgt Ion: 95 Resp: 10243227
Ion Ratio Lower Upper
95 100
97 75.1 45.6 84.6
132 91.4 60.9 113.1
130 93.9 62.0 115.2

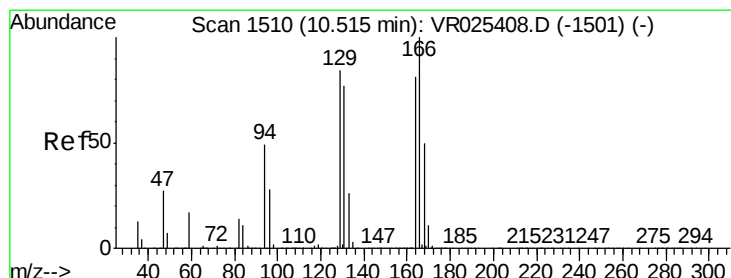
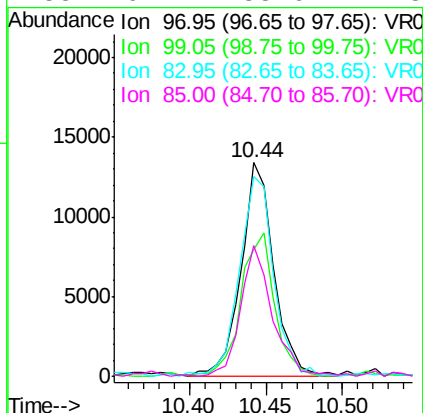
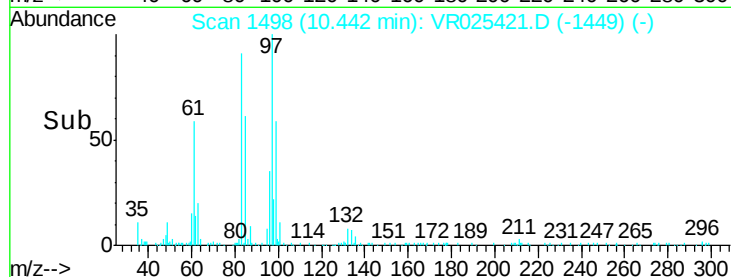
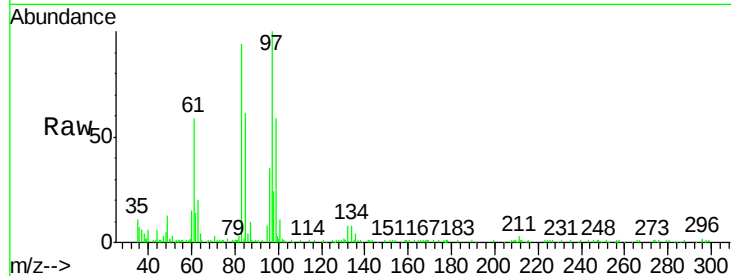




#45
1,1,2-Trichloroethane
Concen: 1.12 ug/L
RT: 10.44 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VR025421.D
Acq: 22 Jun 2018 19:12

Instrument :
MSVOA_R
ClientSampleId :
DAZB7

Tot Ion:	97	Resp:	19963
Ion	Ratio	Lower	Upper
97	100		
99	59.3	41.9	77.9
83	93.5	64.5	119.9
85	61.2	38.6	71.8



#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 10.50 min Scan# 1508
Delta R.T. -0.01 min
Lab File: VR025421.D
Acq: 22 Jun 2018 19:12

Tgt Ion:	164	Resp:	6274
Ion	Ratio	Lower	Upper
164	100		
129	63.7	68.1	126.5#
131	85.1	68.5	127.1
166	76.7	89.9	166.9#

