

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071718\
 Data File : VR025491.D
 Acq On : 17 Jul 2018 14:14
 Operator : SY/MD
 Sample : J4002-04 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1

Quant Time: Jul 18 02:09:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	895613	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	734757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	275817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	102677	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	2.62	69	82178	3.91	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	3.63	63	224140	3.00	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	6.60	46	272944	35.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.18%
24) Chloroform-d	7.20	84	421337	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
26) 1,2-Dichloroethane-d4	7.89	65	169160	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
32) Benzene-d6	7.86	84	920468	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.80%
36) 1,2-Dichloropropane-d6	8.90	67	257670	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.20%
41) Toluene-d8	9.97	98	830363	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	10.24	79	71487	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	237407	38.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107508	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	185698	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

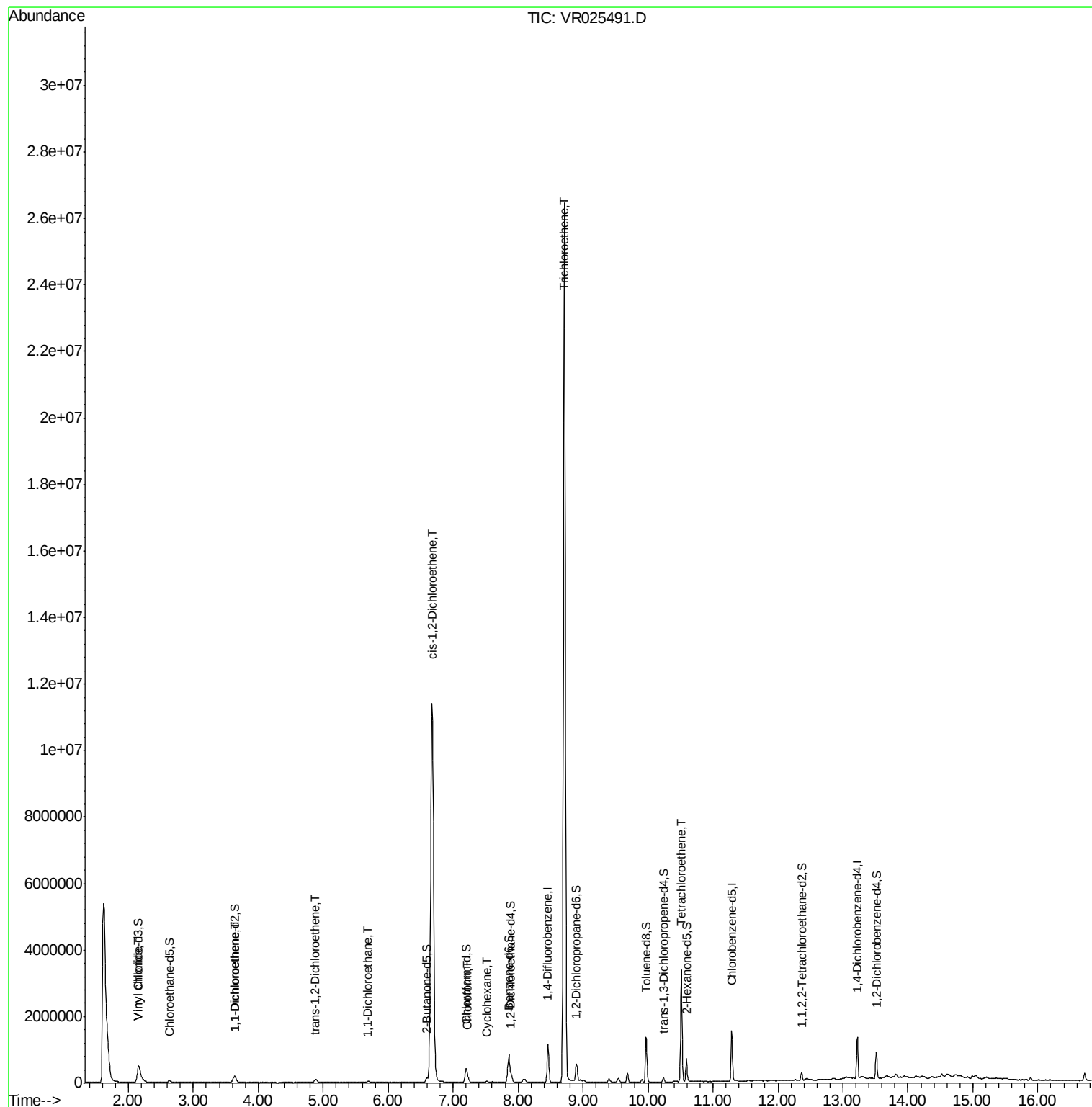
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.16	62	1018608	37.80	ug/L	99
12) 1,1-Dichloroethene	3.65	96	33764	1.26	ug/L #	1
18) trans-1,2-Dichloroethene	4.88	96	54451	0.82	ug/L	98
19) 1,1-Dichloroethane	5.69	63	56264	0.49	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	7560755	123.69	ug/L #	92
25) Chloroform	7.23	83	71165	0.65	ug/L	96
30) Cyclohexane	7.52	56	18144	0.23	ug/L	93
34) Trichloroethene	8.71	95	9026171	140.00	ug/L	94
47) Tetrachloroethene	10.52	164	679537	16.14	ug/L	96

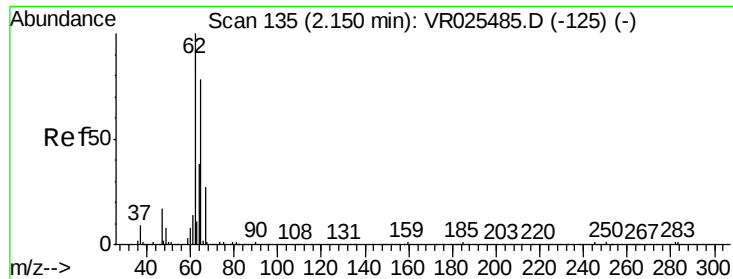
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR071718\
Data File : VR025491.D
Acq On : 17 Jul 2018 14:14
Operator : SY/MD
Sample : J4002-04 40X
Misc : 25mL/MSVOA R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG1

Quant Time: Jul 18 02:09:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 18 01:02:47 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 37.80 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.01 min

Lab File: VR025491.D

Acq: 17 Jul 2018 14:14

Instrument :

MSVOA_R

ClientSampled :

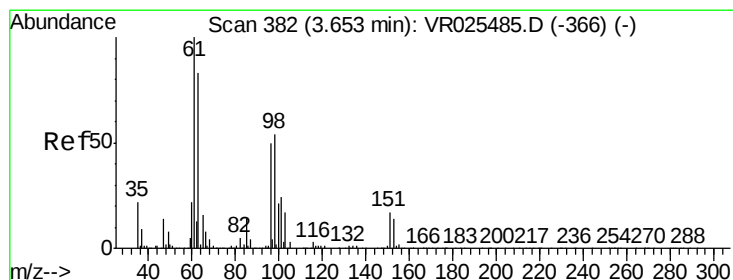
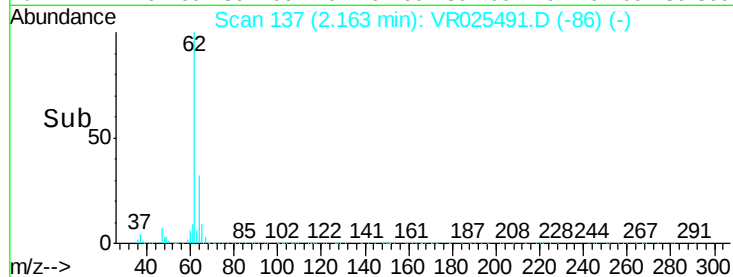
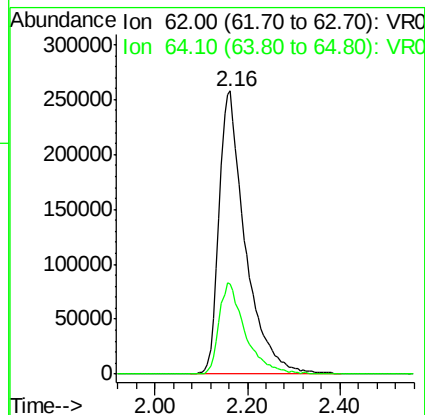
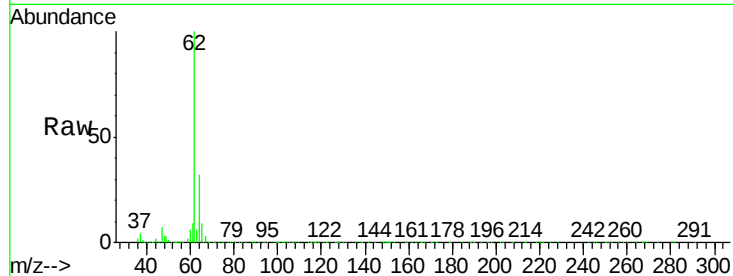
C0AG1

Tot Ion: 62 Resp: 1018608

Ion Ratio Lower Upper

62 100

64 31.9 22.8 42.4



#12

1,1-Dichloroethene

Concen: 1.26 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025491.D

Acq: 17 Jul 2018 14:14

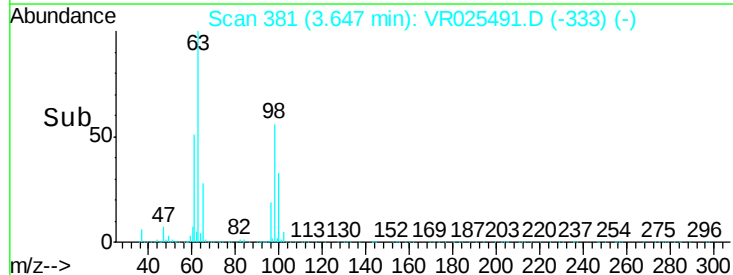
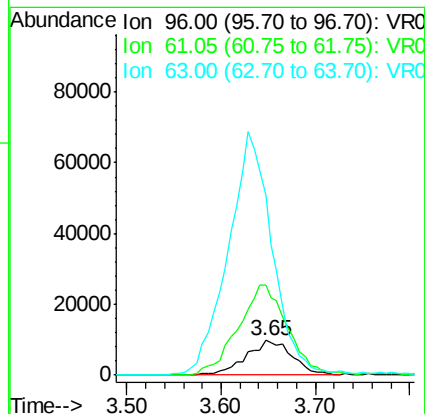
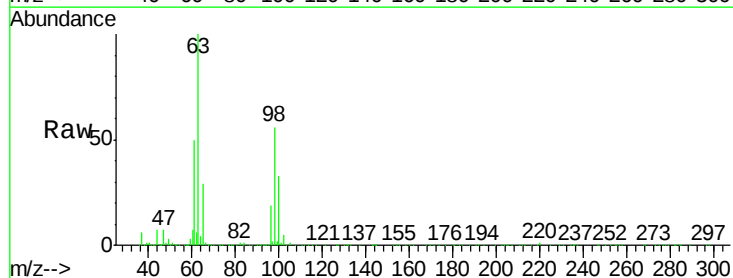
Tgt Ion: 96 Resp: 33764

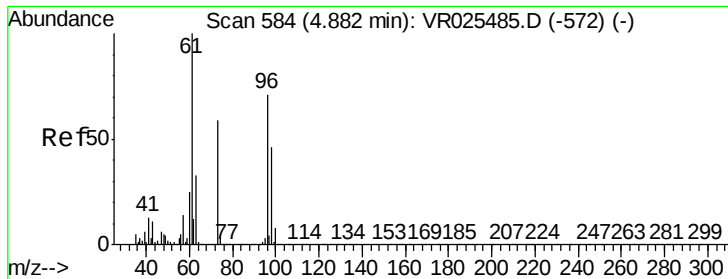
Ion Ratio Lower Upper

96 100

61 259.4 155.0 287.9

63 515.0 122.3 227.1#





#18

trans-1,2-Dichloroethene

Concen: 0.82 ug/L

RT: 4.88 min Scan# 584

Delta R.T. 0.00 min

Lab File: VR025491.D

Acq: 17 Jul 2018 14:14

Instrument :

MSVOA_R

ClientSampleId :

C0AG1

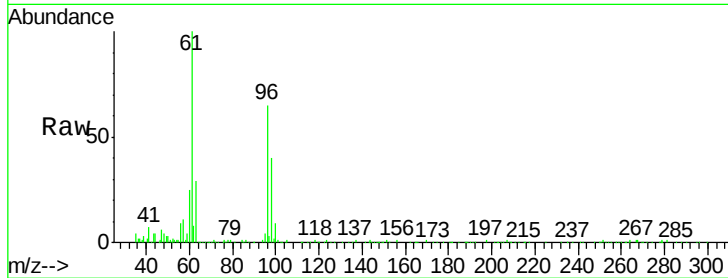
Tot Ion: 96 Resp: 54451

Ion Ratio Lower Upper

96 100

61 152.7 104.4 193.8

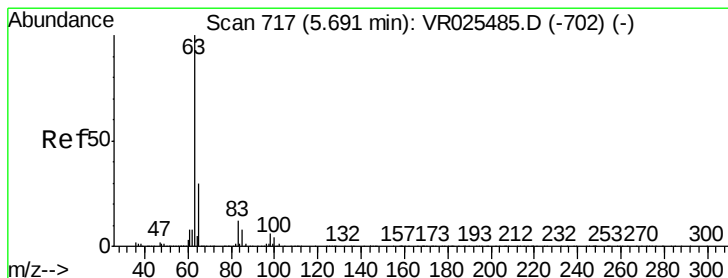
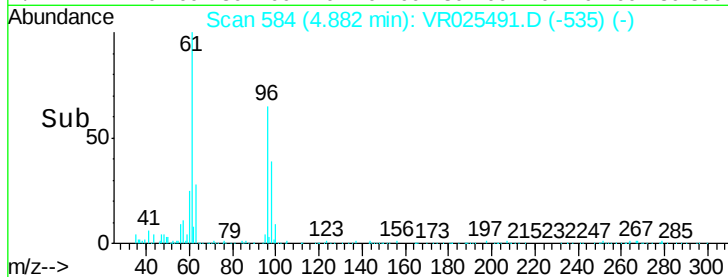
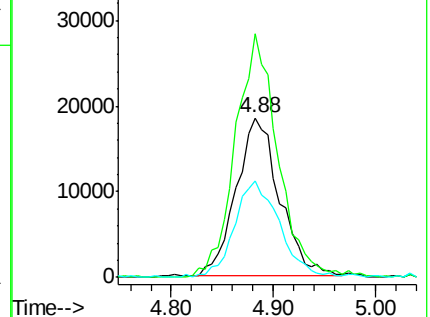
98 60.6 43.1 80.1



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: 0.49 ug/L

RT: 5.69 min Scan# 717

Delta R.T. 0.00 min

Lab File: VR025491.D

Acq: 17 Jul 2018 14:14

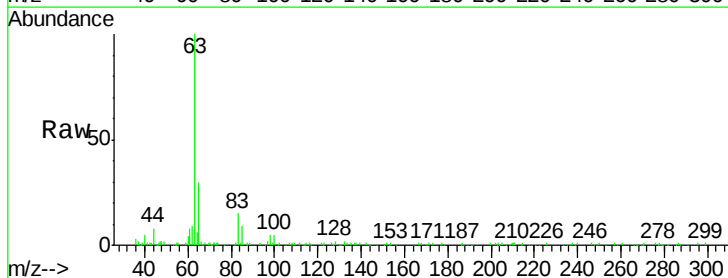
Tgt Ion: 63 Resp: 56264

Ion Ratio Lower Upper

63 100

65 30.2 22.5 41.7

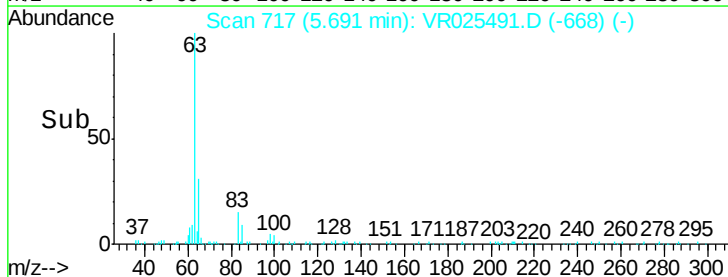
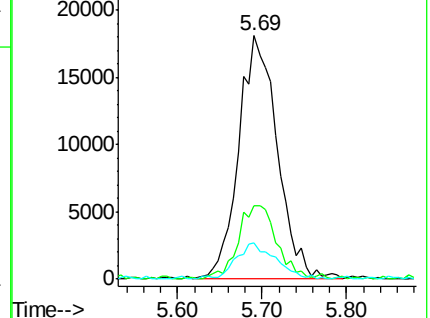
83 14.9 9.5 17.7

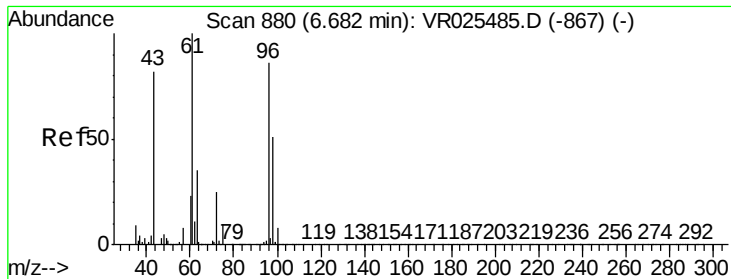


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



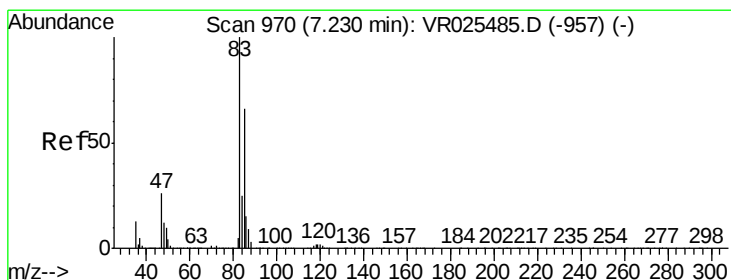
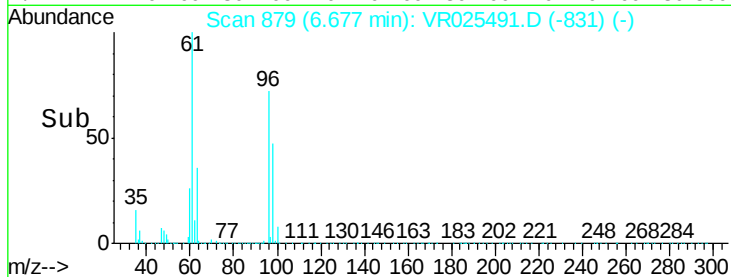
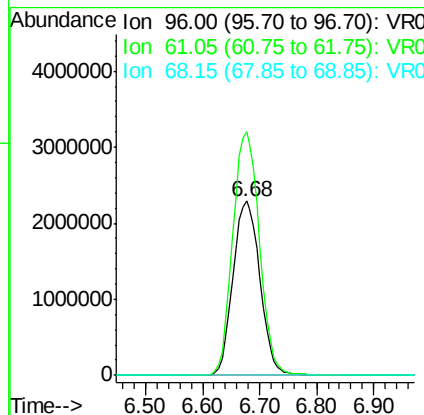
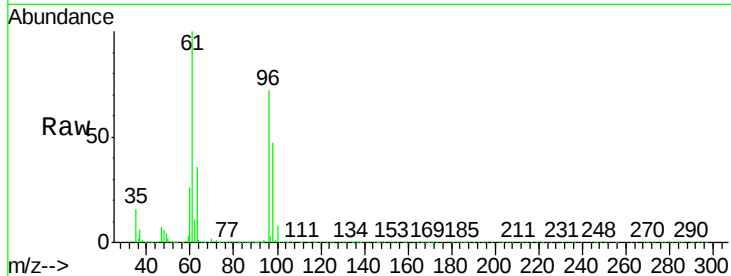


#22

cis-1,2-Dichloroethene
 Concen: 123.69 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: VR025491.D
 Acq: 17 Jul 2018 14:14

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1

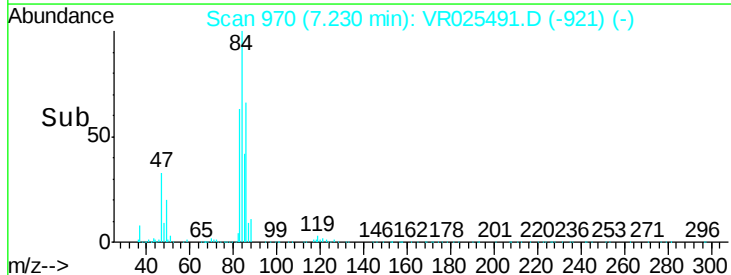
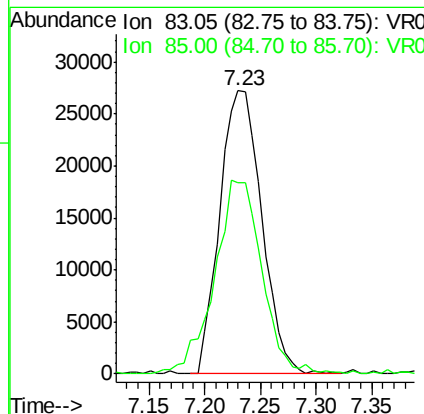
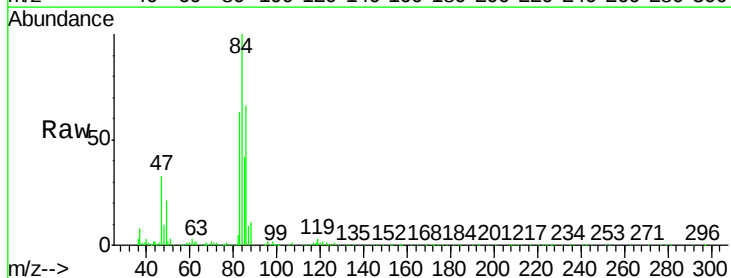
Tot Ion: 96 Resp: 7560755
 Ion Ratio Lower Upper
 96 100
 61 139.8 91.0 169.0
 68 0.0 0.0 0.0#

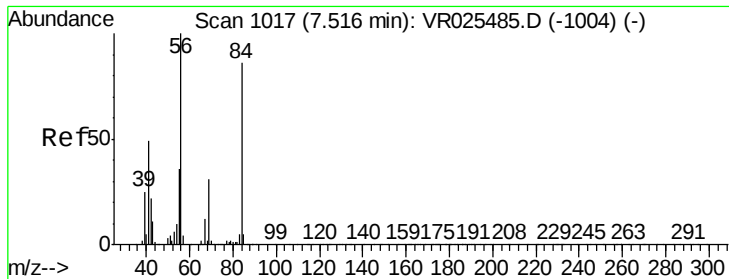


#25

Chloroform
 Concen: 0.65 ug/L
 RT: 7.23 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VR025491.D
 Acq: 17 Jul 2018 14:14

Tgt Ion: 83 Resp: 71165
 Ion Ratio Lower Upper
 83 100
 85 67.7 45.4 84.4

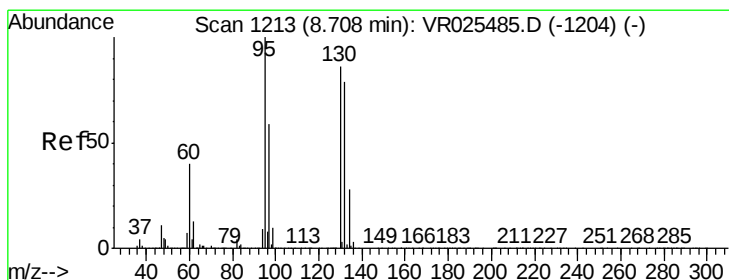
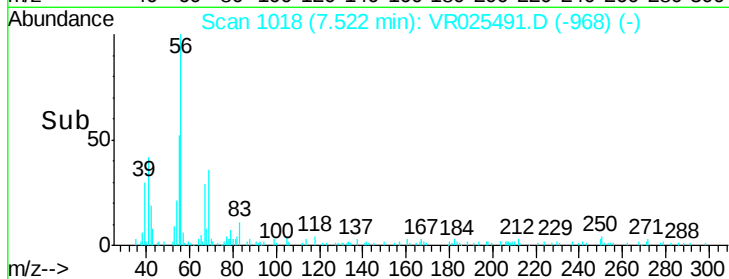
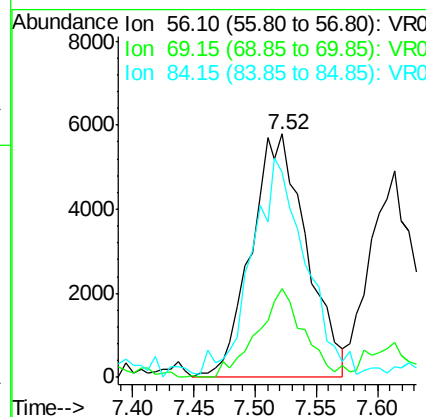
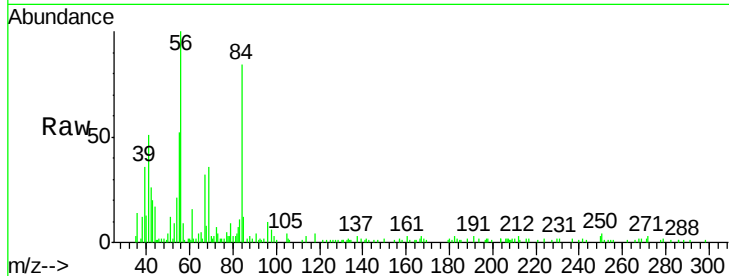




#30
Cyclohexane
Concen: 0.23 ug/L
RT: 7.52 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VR025491.D
Acq: 17 Jul 2018 14:14

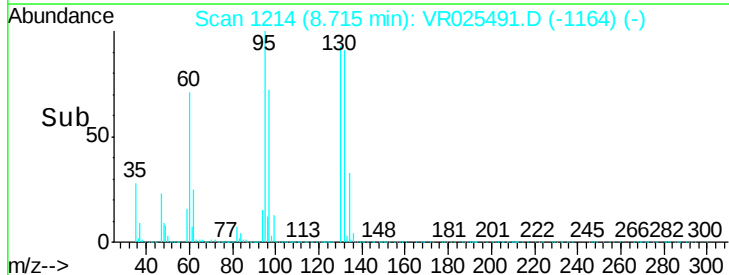
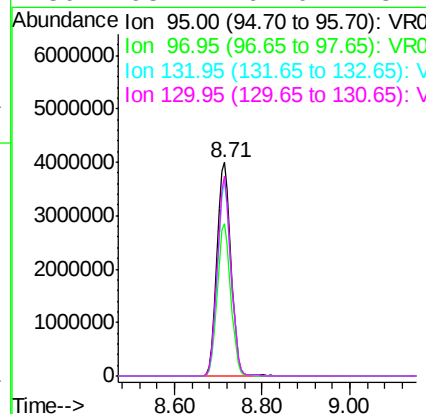
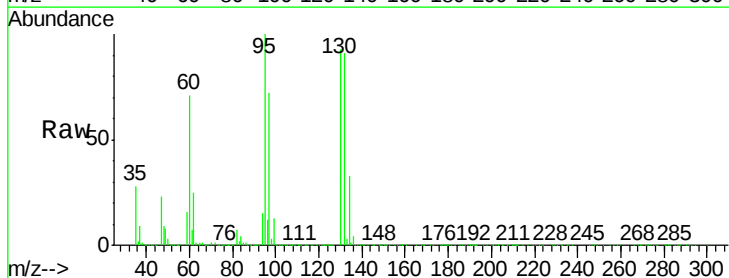
Instrument :
MSVOA_R
ClientSampleId :
C0AG1

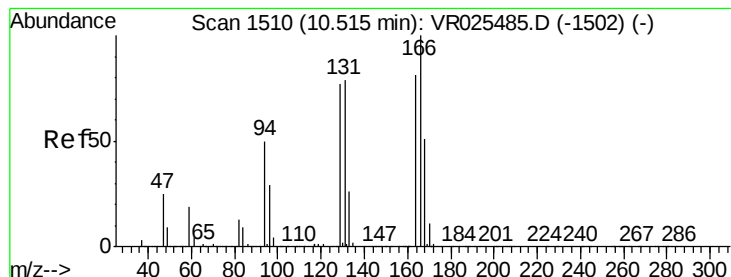
Tot Ion	56	Resp	18144
Ion Ratio	Lower	Upper	
56	100		
69	31.1	23.7	35.5
84	85.6	62.6	93.8



#34
Trichloroethene
Concen: 140.00 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025491.D
Acq: 17 Jul 2018 14:14

Tgt Ion	95	Resp	9026171
Ion Ratio	Lower	Upper	
95	100		
97	71.5	45.6	84.6
132	90.9	60.9	113.1
130	93.4	62.0	115.2





#47

Tetrachloroethene

Concen: 16.14 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025491.D

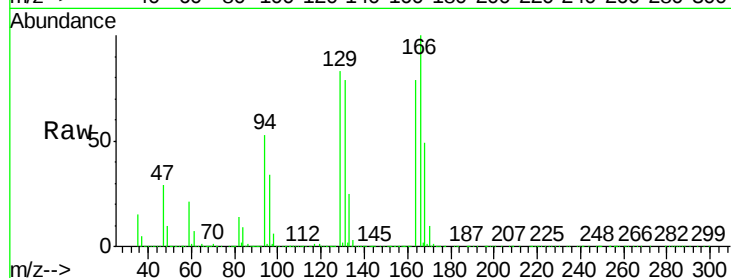
Acq: 17 Jul 2018 14:14

Instrument :

MSVOA_R

ClientSampleId :

C0AG1



Tot Ion:164 Resp: 679537

Ion Ratio Lower Upper

164 100

129 104.1 68.1 126.5

131 99.7 68.5 127.1

166 125.8 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

