

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025488.D
 Acq On : 17 Jul 2018 11:34
 Operator : SY/MD
 Sample : J4002-02
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AF4

Quant Time: Jul 18 01:04:04 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	686597	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	554614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	170029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	80355	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.64	69	63847	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.63	63	180252	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	6.59	46	219812	37.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.78%
24) Chloroform-d	7.21	84	384007	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.89	65	142554	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
32) Benzene-d6	7.86	84	828842	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	8.90	67	229503	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.97	98	726969	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.24	79	53846	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	192959	41.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93200	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	147617	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

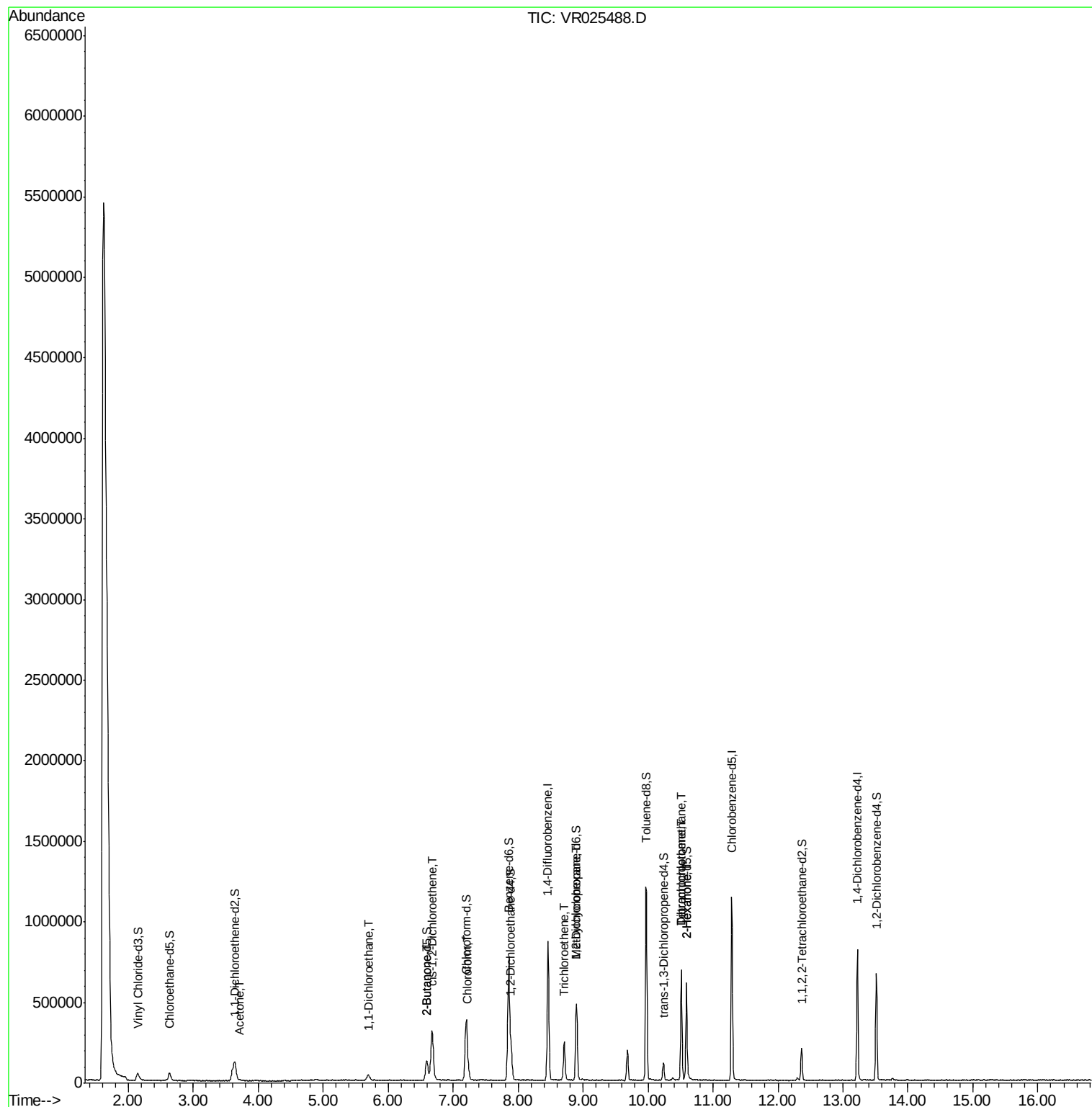
					Qvalue
13) Acetone	3.71	43	6670	2.518	ug/L 89
19) 1,1-Dichloroethane	5.70	63	50174	0.573	ug/L 95
21) 2-Butanone	6.59	43	1909	0.309	ug/L 80
22) cis-1,2-Dichloroethene	6.68	96	196614	4.196	ug/L # 94
25) Chloroform	7.23	83	55971	0.665	ug/L 98
34) Trichloroethene	8.71	95	84374	1.734	ug/L 94
35) Methylcyclohexane	8.90	83	53352	0.820	ug/L # 18
47) Tetrachloroethene	10.52	164	142801	4.494	ug/L 95
48) 2-Hexanone	10.59	43	23155	2.614	ug/L # 71
49) Dibromochloromethane	10.51	129	103309	4.551	ug/L # 10

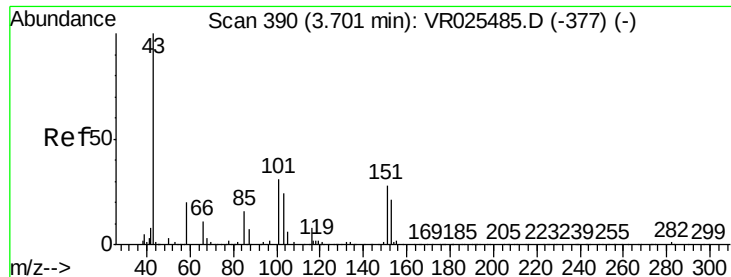
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
Data File : VR025488.D
Acq On : 17 Jul 2018 11:34
Operator : SY/MD
Sample : J4002-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AF4

Quant Time: Jul 18 01:04:04 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





#13

Acetone

Concen: 2.518 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025488.D

Acq: 17 Jul 2018 11:34

Instrument :

MSVOA_R

ClientSampleId :

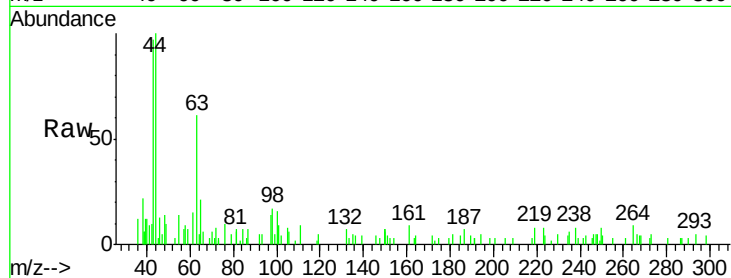
C0AF4

Tgt Ion: 43 Resp: 6670

Ion Ratio Lower Upper

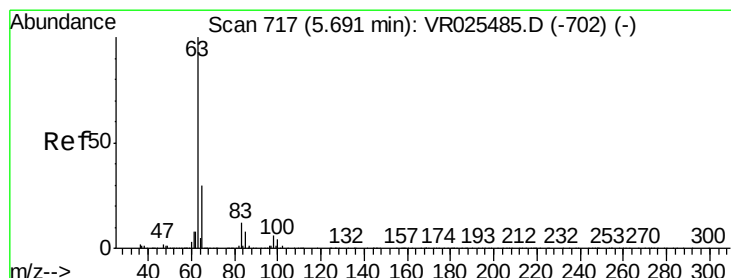
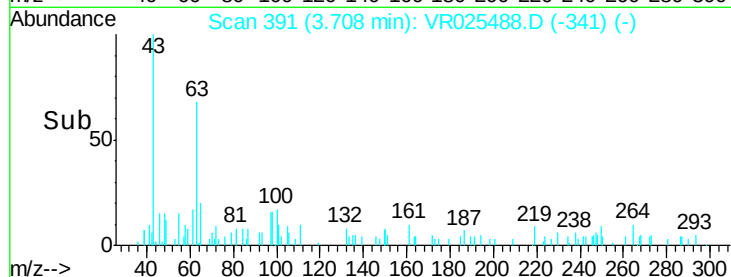
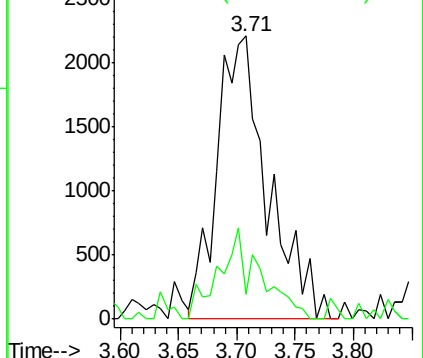
43 100

58 25.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#19

1,1-Dichloroethane

Concen: 0.573 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

Lab File: VR025488.D

Acq: 17 Jul 2018 11:34

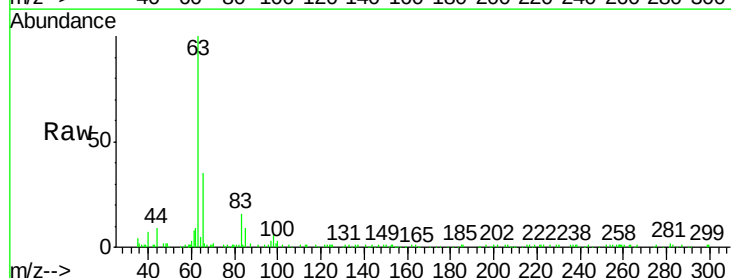
Tgt Ion: 63 Resp: 50174

Ion Ratio Lower Upper

63 100

65 35.0 22.5 41.7

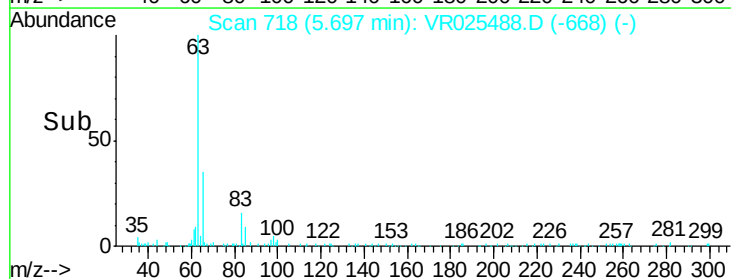
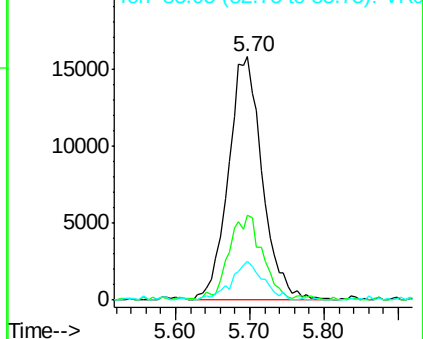
83 16.0 9.5 17.7

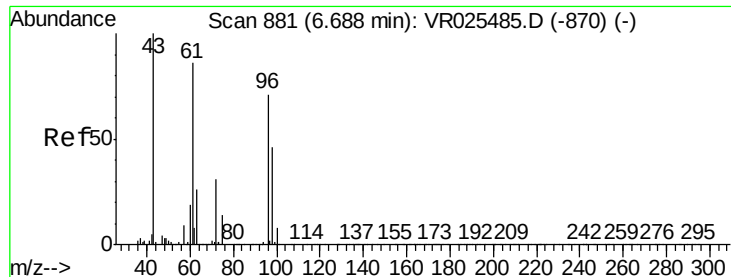


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0





#21

2-Butanone

Concen: 0.309 ug/L

RT: 6.59 min Scan# 865

Delta R.T. -0.10 min

Lab File: VR025488.D

Acq: 17 Jul 2018 11:34

Instrument :

MSVOA_R

ClientSampleId :

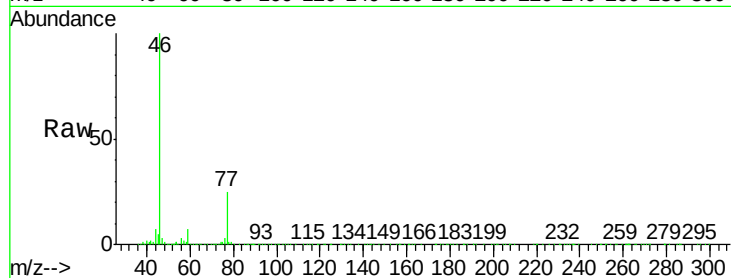
C0AF4

Tgt Ion: 43 Resp: 1909

Ion Ratio Lower Upper

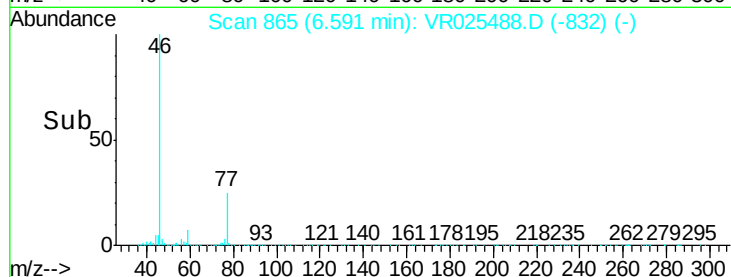
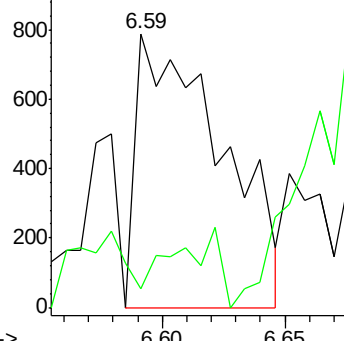
43 100

72 15.6 13.0 38.9

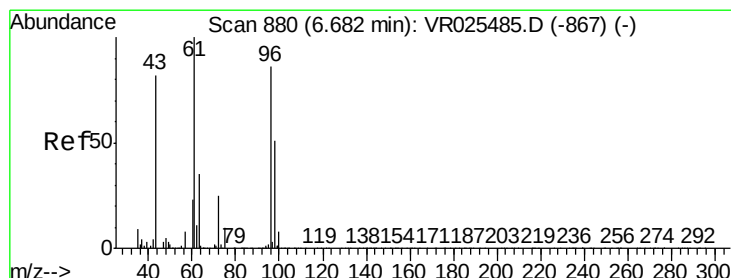


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



Time-->



#22

cis-1,2-Dichloroethene

Concen: 4.196 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025488.D

Acq: 17 Jul 2018 11:34

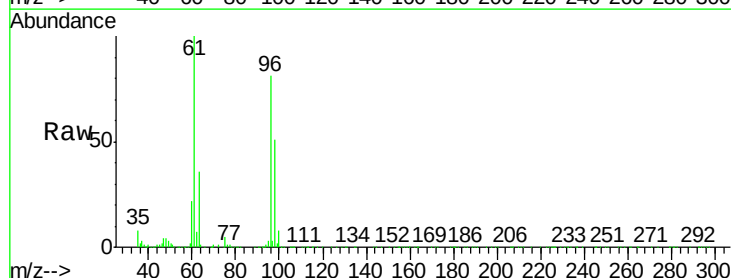
Tgt Ion: 96 Resp: 196614

Ion Ratio Lower Upper

96 100

61 123.1 91.0 169.0

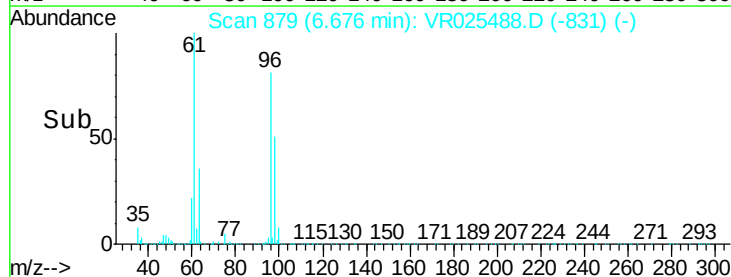
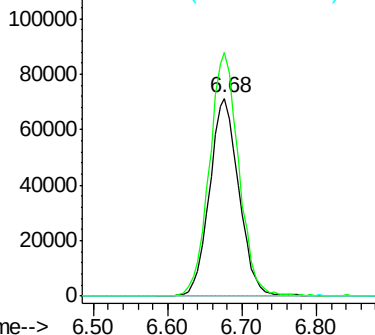
68 0.2 0.0 0.0#



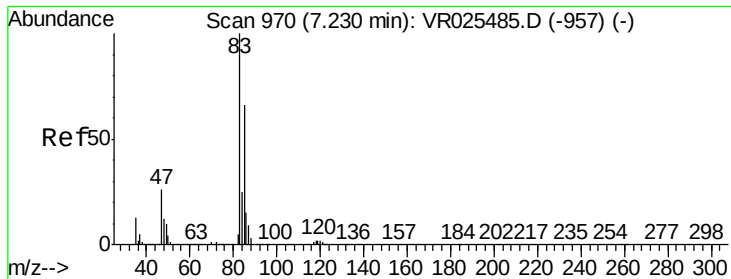
Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



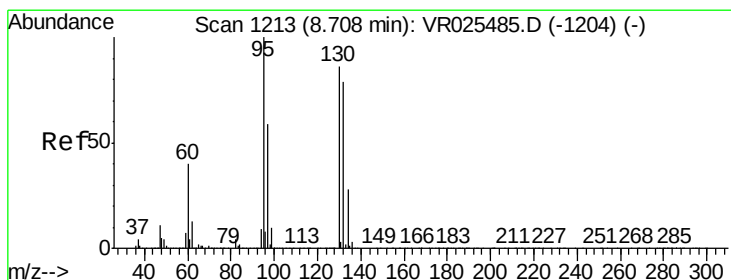
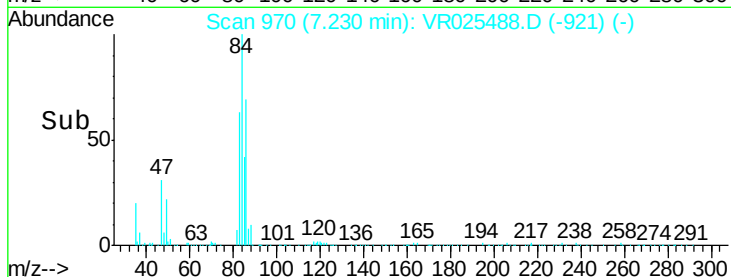
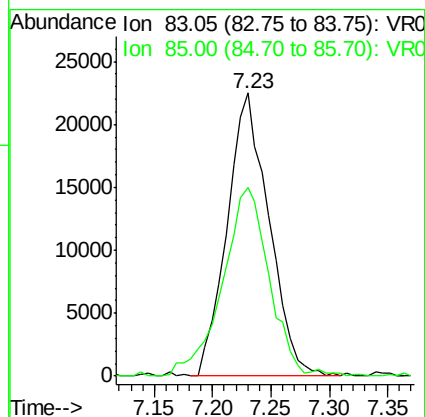
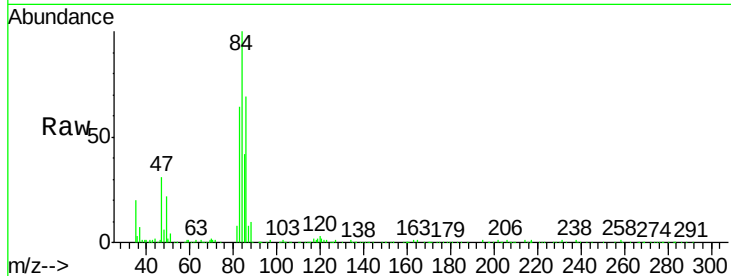
Time-->



#25
Chloroform
Concen: 0.665 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.00 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

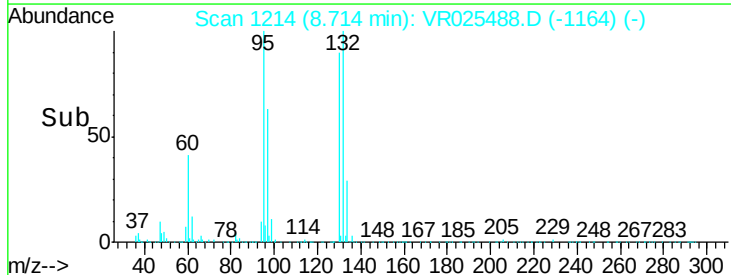
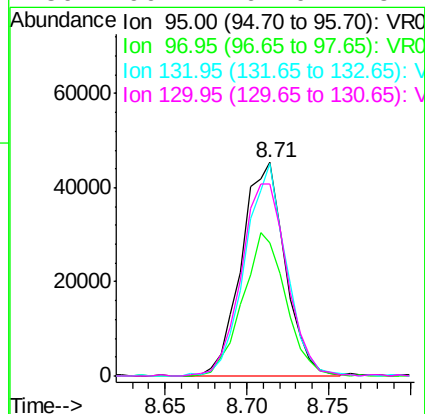
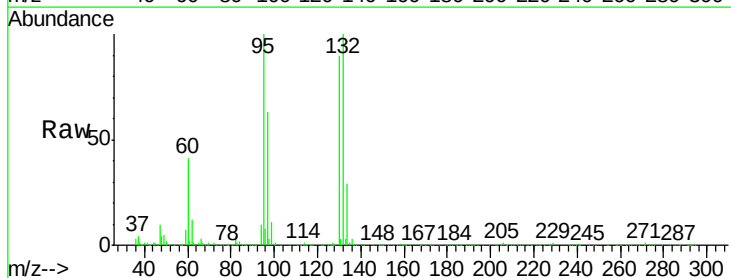
Instrument :
MSVOA_R
ClientSampled :
C0AF4

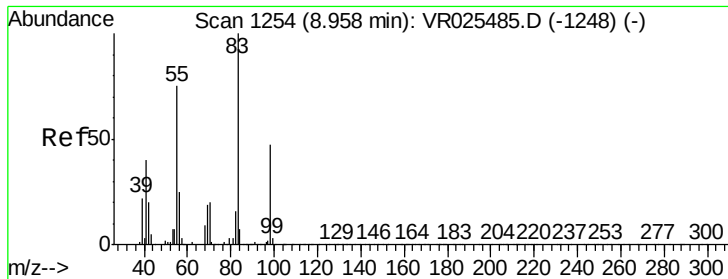
Tgt Ion: 83 Resp: 55971
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.4



#34
Trichloroethene
Concen: 1.734 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

Tgt Ion: 95 Resp: 84374
Ion Ratio Lower Upper
95 100
97 62.5 45.6 84.6
132 99.8 60.9 113.1
130 90.1 62.0 115.2

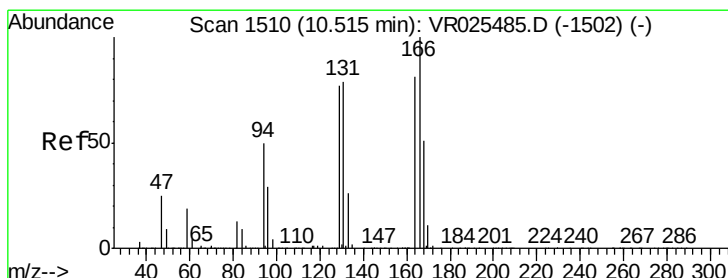
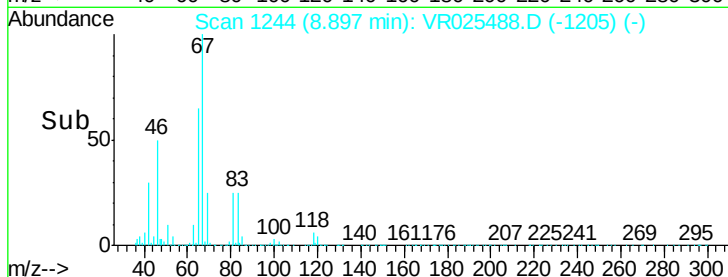
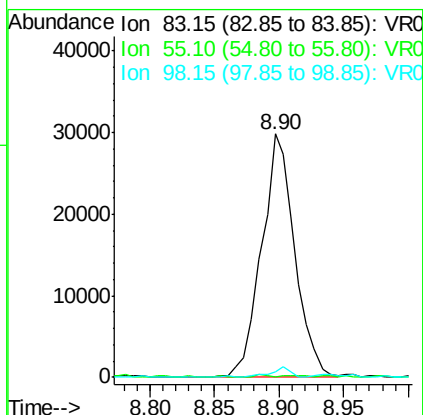
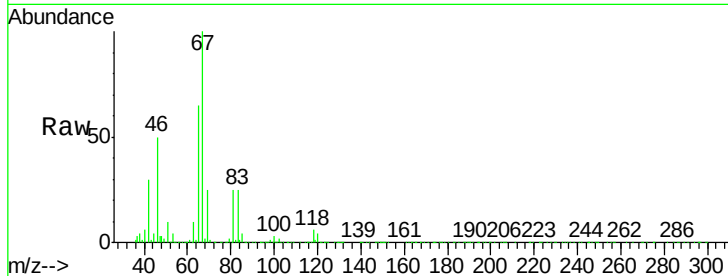




#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

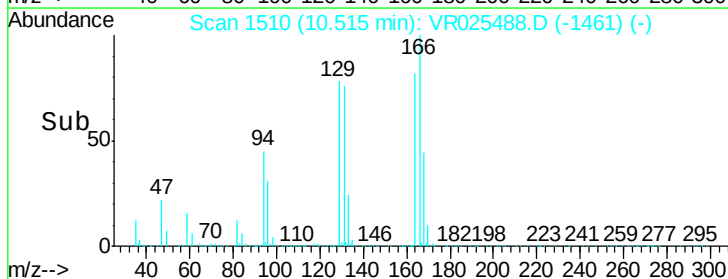
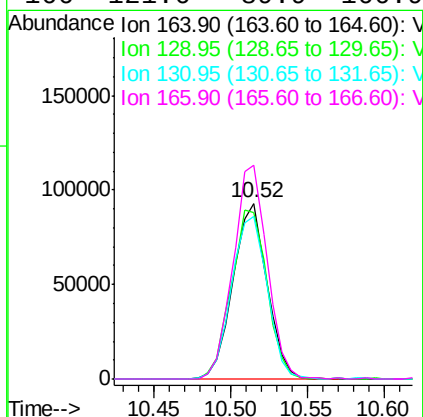
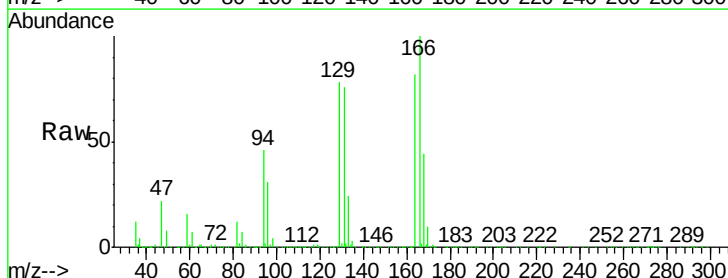
Instrument :
MSVOA_R
ClientSampleId :
C0AF4

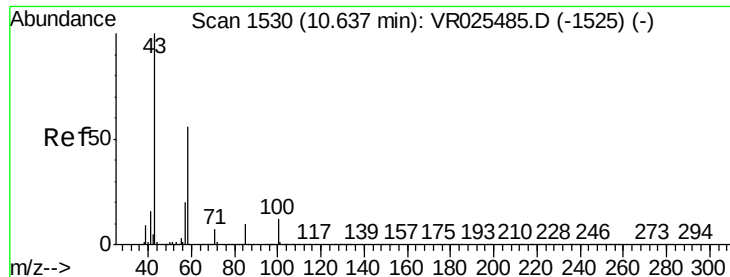
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.1	99.1#
98	2.4	36.2	54.4#



#47
Tetrachloroethene
Concen: 4.494 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.1	126.5
131	92.6	68.5	127.1
166	121.6	89.9	166.9

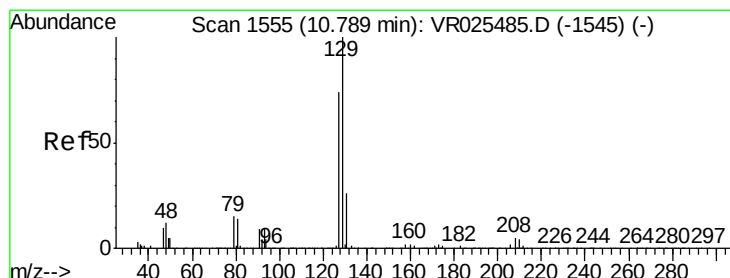
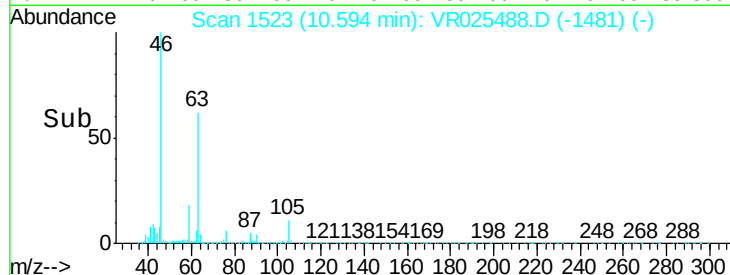
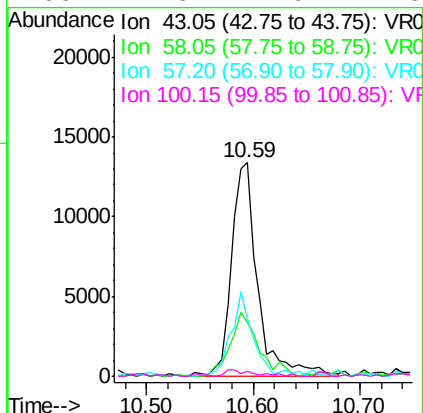
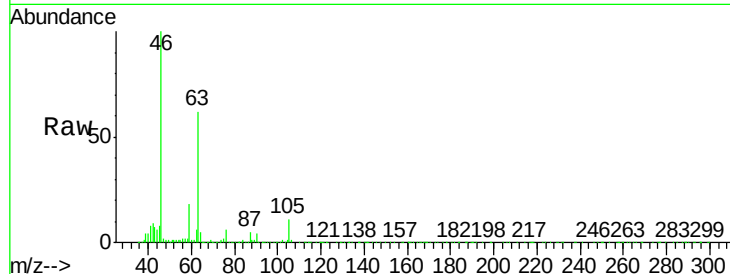




#48
2-Hexanone
Concen: 2.614 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

Instrument :
MSVOA_R
ClientSampleId :
C0AF4

Tgt Ion:	43	Resp:	23155
Ion	Ratio	Lower	Upper
43	100		
58	32.2	43.1	64.7#
57	32.7	15.3	22.9#
100	2.6	7.9	11.9#



#49
Dibromochloromethane
Concen: 4.551 ug/L
RT: 10.51 min Scan# 1509
Delta R.T. -0.28 min
Lab File: VR025488.D
Acq: 17 Jul 2018 11:34

Tgt Ion:	129	Resp:	103309
Ion	Ratio	Lower	Upper
129	100		
127	0.7	55.9	103.7#

