

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025525.D
 Acq On : 19 Jul 2018 17:15
 Operator : SY/MD
 Sample : J3960-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AJ5

Quant Time: Jul 20 01:24:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	593185	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	489810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	160983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	108887	6.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.20%#
7) Chloroethane-d5	2.63	69	83576	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	3.63	63	224502	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	6.60	46	255376	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	7.21	84	432097	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	7.89	65	164929	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	7.86	84	950429	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	8.90	67	267569	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	9.97	98	834113	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
43) trans-1,3-Dichloropropene-	10.24	79	60954	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	10.59	63	241568	59.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	109990	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	179902	6.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	135.40%#

Target Compounds

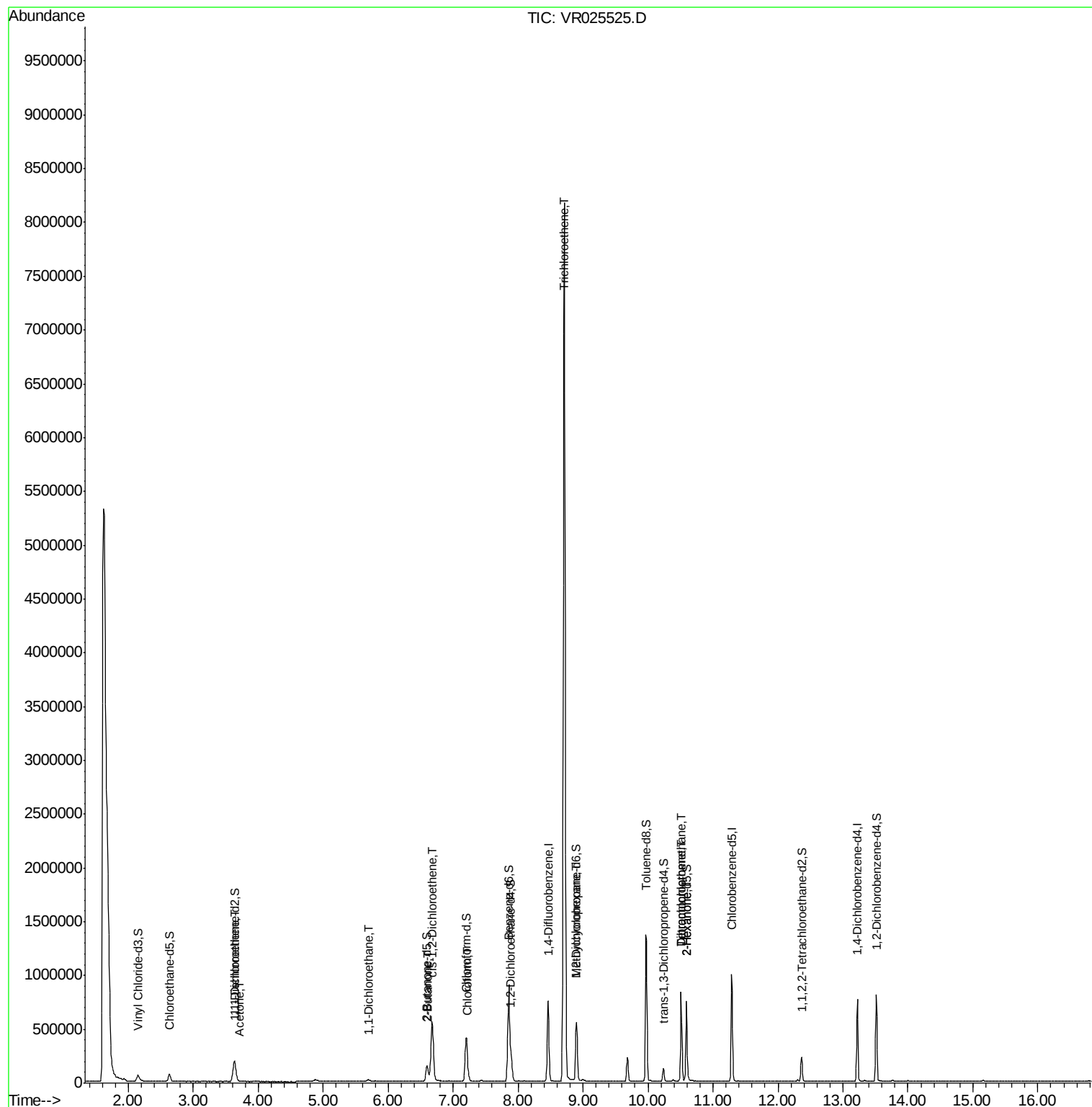
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	11303	0.637	ug/L #	1
13) Acetone	3.71	43	2771	1.211	ug/L	74
19) 1,1-Dichloroethane	5.69	63	20933	0.277	ug/L	90
21) 2-Butanone	6.61	43	1706	0.320	ug/L	85
22) cis-1,2-Dichloroethene	6.68	96	343810	8.492	ug/L #	92
25) Chloroform	7.23	83	28281	0.389	ug/L	97
34) Trichloroethene	8.71	95	2963180	68.942	ug/L	99
35) Methylcyclohexane	8.90	83	60444	1.052	ug/L #	17
47) Tetrachloroethene	10.51	164	163425	5.823	ug/L	94
48) 2-Hexanone	10.59	43	29748	3.802	ug/L #	69
49) Dibromochloromethane	10.51	129	146660	7.315	ug/L #	10

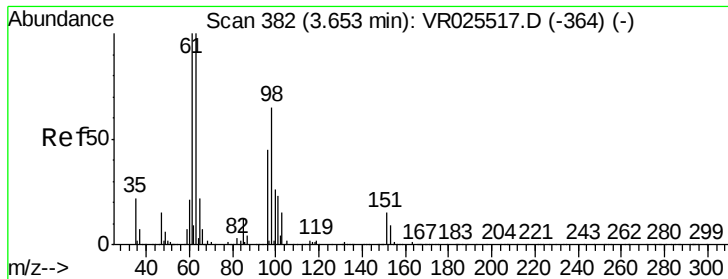
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 01:22:24 2018
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#12

1,1-Dichloroethene

Concen: 0.637 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.00 min

Lab File: VR025525.D

Acq: 19 Jul 2018 17:15

Instrument :

MSVOA_R

ClientSampleId :

C0AJ5

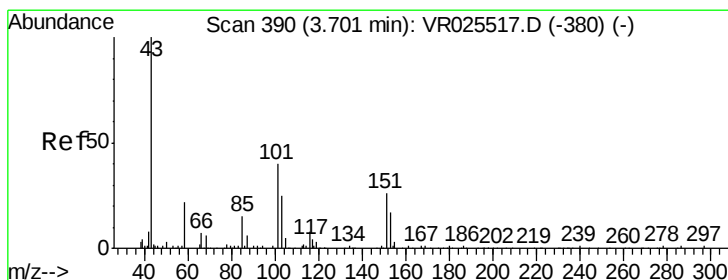
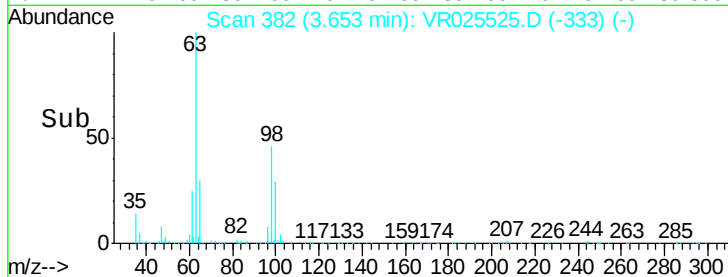
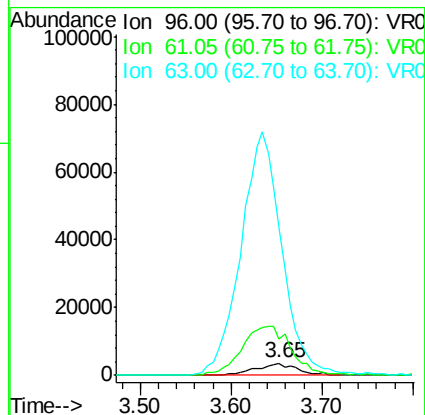
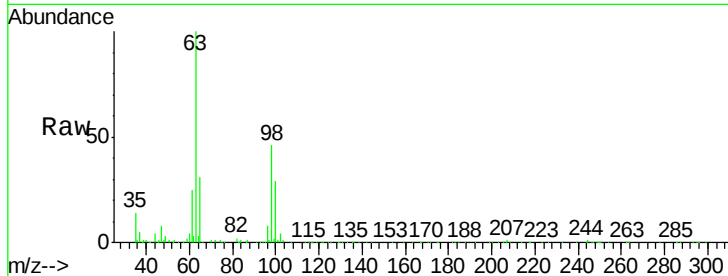
Tgt Ion: 96 Resp: 11303

Ion Ratio Lower Upper

96 100

61 304.1 155.0 287.9#

63 1230.8 122.3 227.1#



#13

Acetone

Concen: 1.211 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025525.D

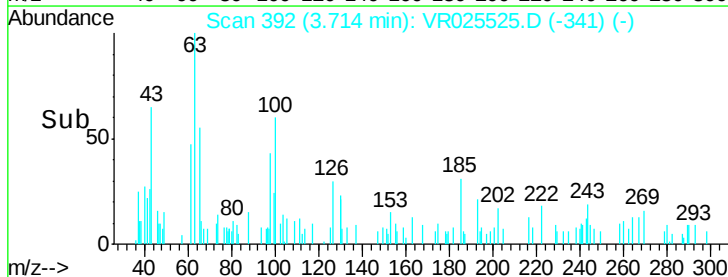
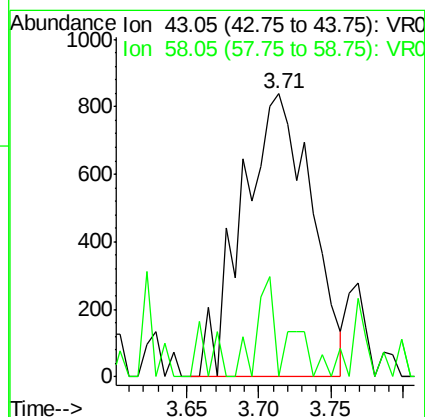
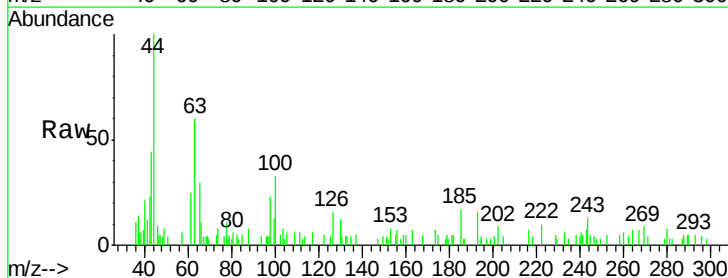
Acq: 19 Jul 2018 17:15

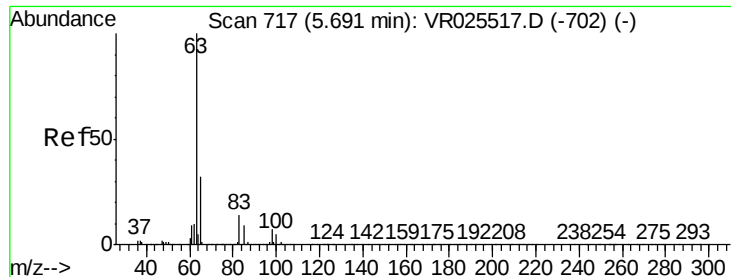
Tgt Ion: 43 Resp: 2771

Ion Ratio Lower Upper

43 100

58 8.6 0.0 41.6





#19

1,1-Dichloroethane

Concen: 0.277 ug/L

RT: 5.69 min Scan# 717

Delta R.T. 0.00 min

Lab File: VR025525.D

Acq: 19 Jul 2018 17:15

Instrument :

MSVOA_R

ClientSampleId :

C0AJ5

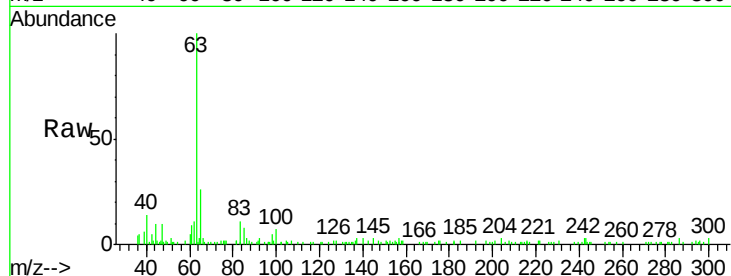
Tgt Ion: 63 Resp: 20933

Ion Ratio Lower Upper

63 100

65 25.4 22.5 41.7

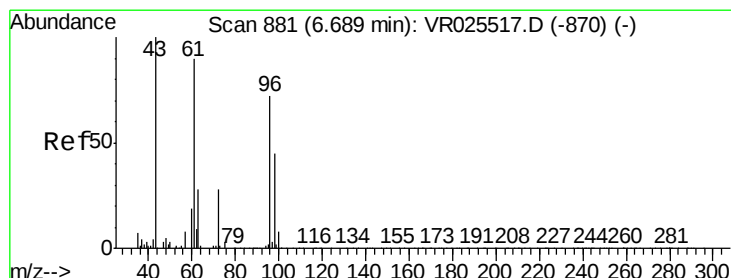
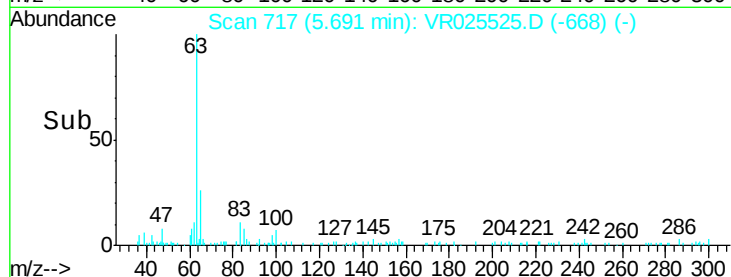
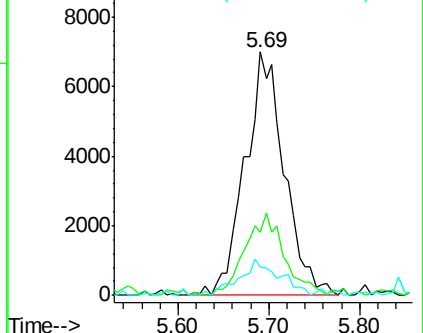
83 11.7 9.5 17.7



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: 0.320 ug/L

RT: 6.61 min Scan# 868

Delta R.T. -0.08 min

Lab File: VR025525.D

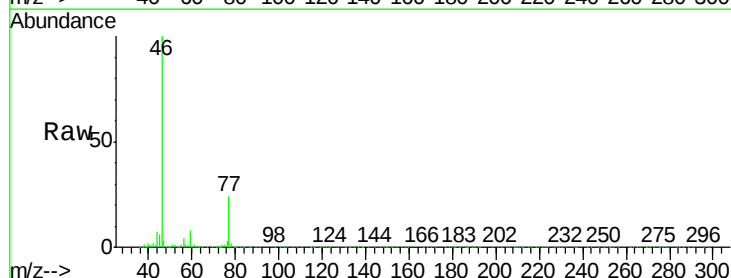
Acq: 19 Jul 2018 17:15

Tgt Ion: 43 Resp: 1706

Ion Ratio Lower Upper

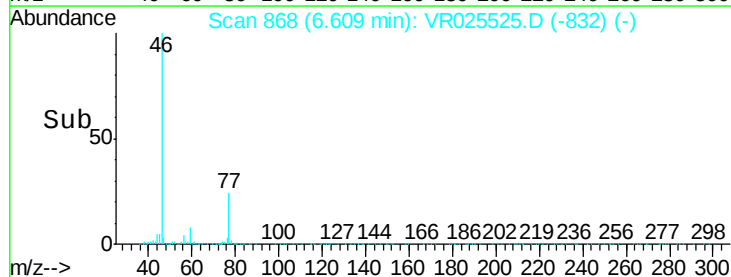
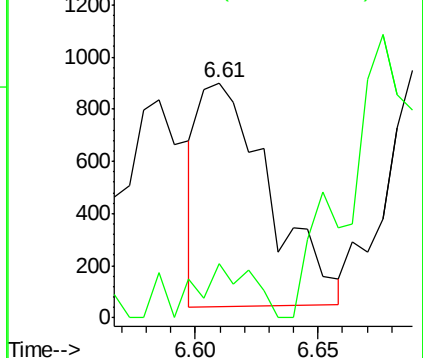
43 100

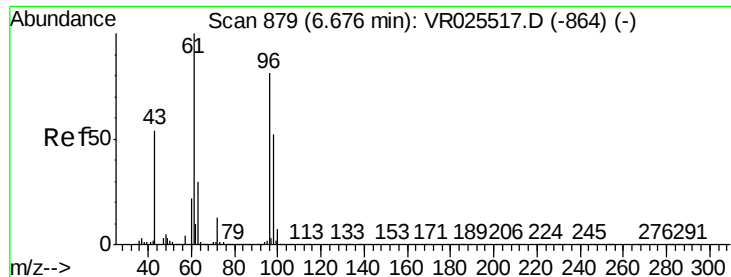
72 18.1 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



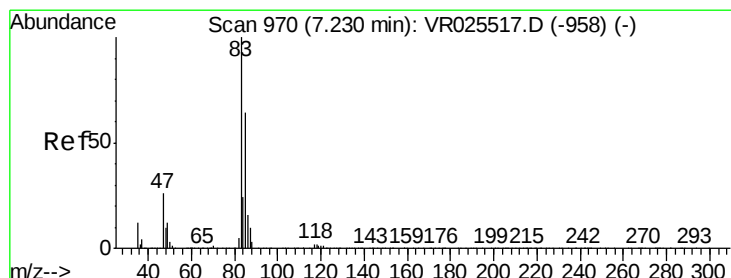
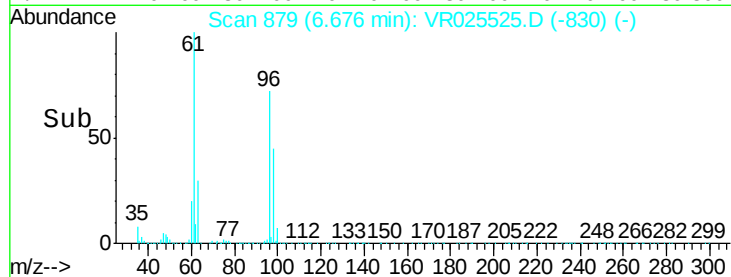
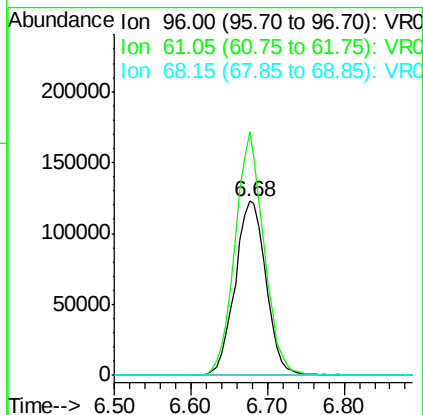
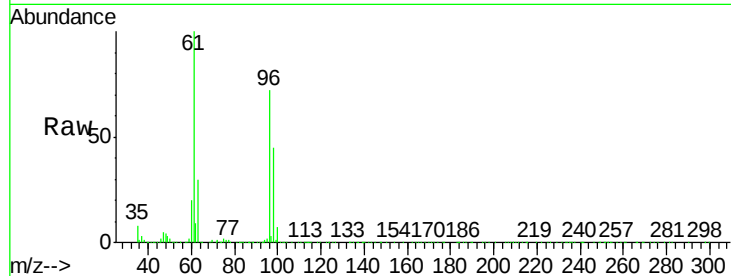


#22

cis-1,2-Dichloroethene
 Concen: 8.492 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VR025525.D
 Acq: 19 Jul 2018 17:15

Instrument :
 MSVOA_R
 ClientSampled :
 C0AJ5

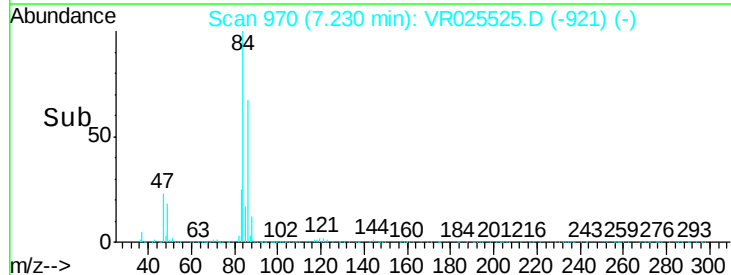
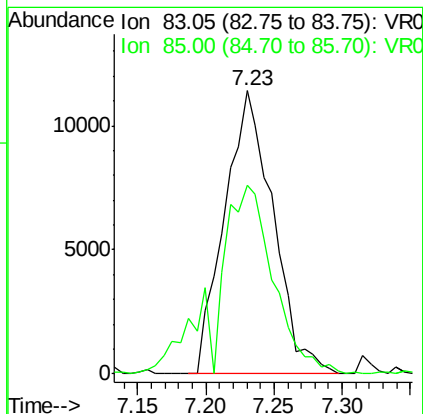
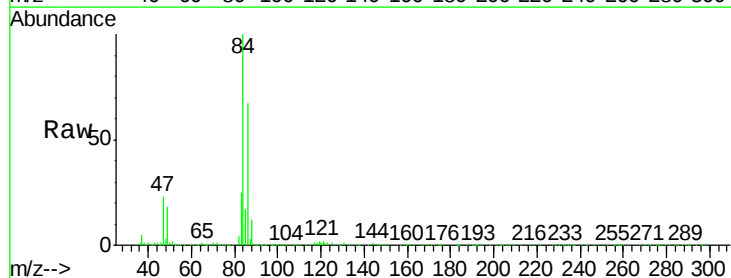
Tgt Ion: 96 Resp: 343810
 Ion Ratio Lower Upper
 96 100
 61 139.6 91.0 169.0
 68 0.1 0.0 0.0#

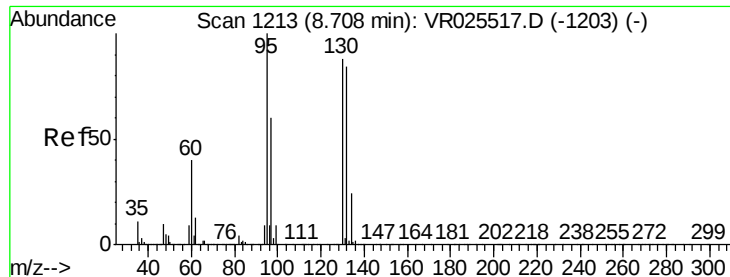


#25

Chloroform
 Concen: 0.389 ug/L
 RT: 7.23 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VR025525.D
 Acq: 19 Jul 2018 17:15

Tgt Ion: 83 Resp: 28281
 Ion Ratio Lower Upper
 83 100
 85 66.9 45.4 84.4

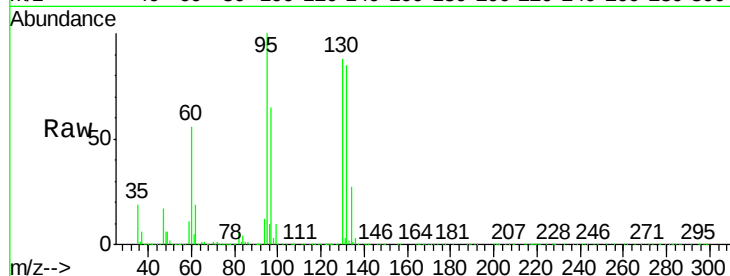




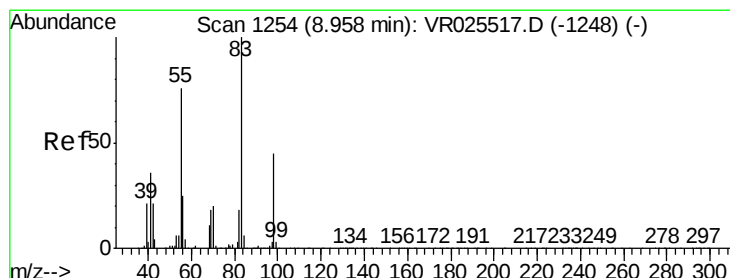
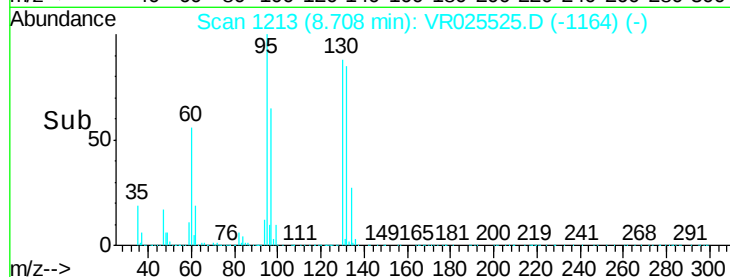
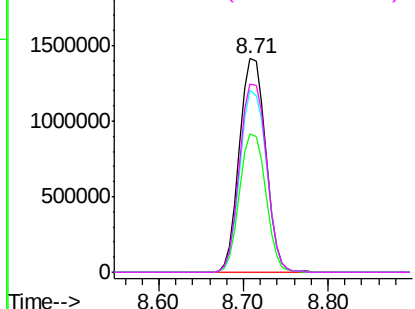
#34
 Trichloroethene
 Concen: 68.942 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: VR025525.D
 Acq: 19 Jul 2018 17:15

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AJ5

Tgt Ion: 95 Resp: 2963180
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.6 84.6
 132 84.9 60.9 113.1
 130 88.2 62.0 115.2

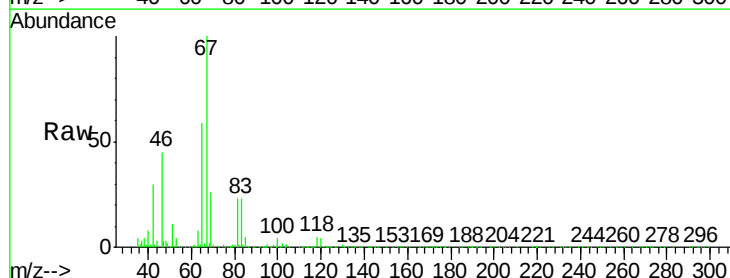


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

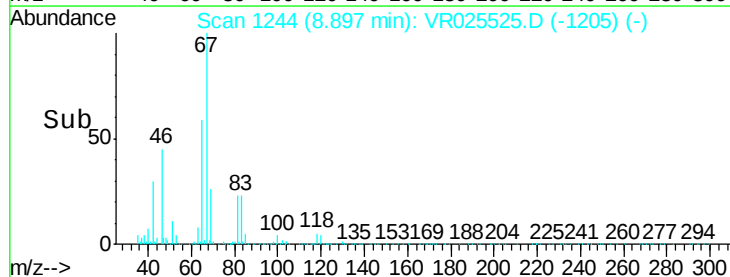
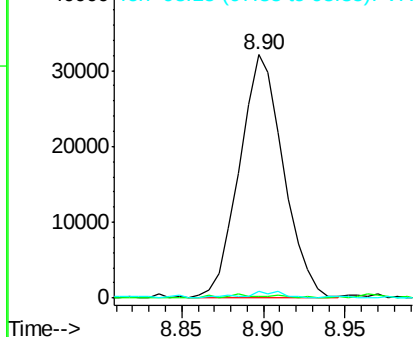


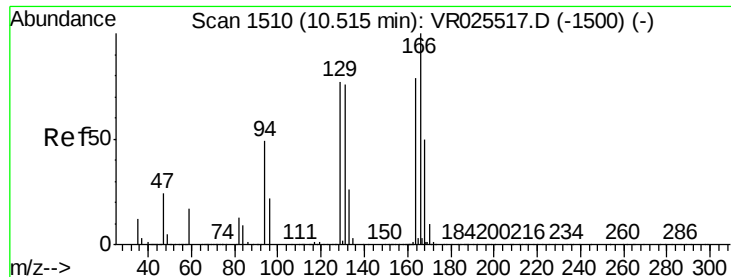
#35
 Methylcyclohexane
 Concen: 1.052 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.06 min
 Lab File: VR025525.D
 Acq: 19 Jul 2018 17:15

Tgt Ion: 83 Resp: 60444
 Ion Ratio Lower Upper
 83 100
 55 1.3 66.1 99.1#
 98 0.0 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0
 Ion 55.10 (54.80 to 55.80): VR0
 Ion 98.15 (97.85 to 98.85): VR0

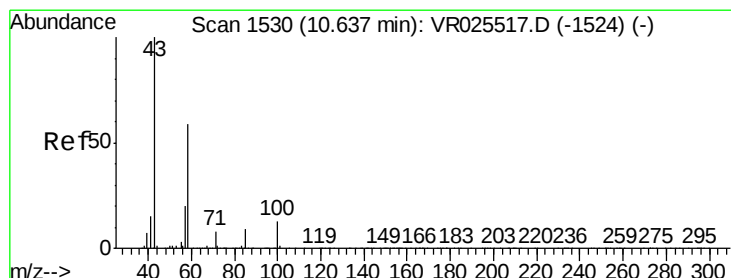
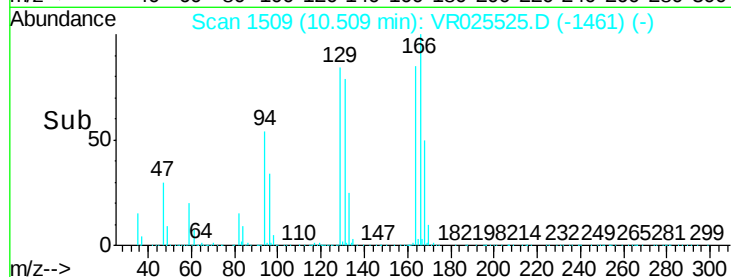
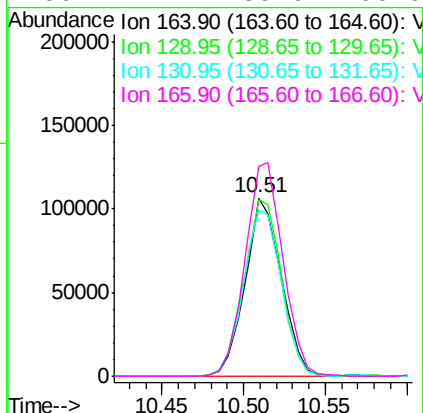
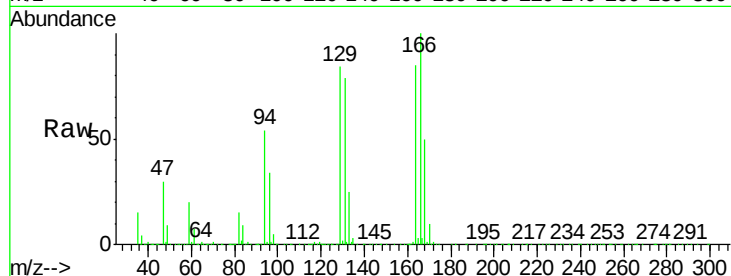




#47
Tetrachloroethene
Concen: 5.823 ug/L
RT: 10.51 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VR025525.D
Acq: 19 Jul 2018 17:15

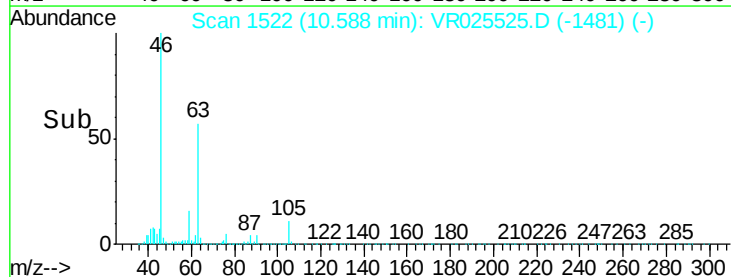
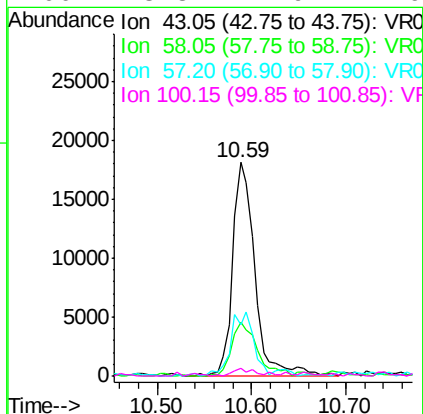
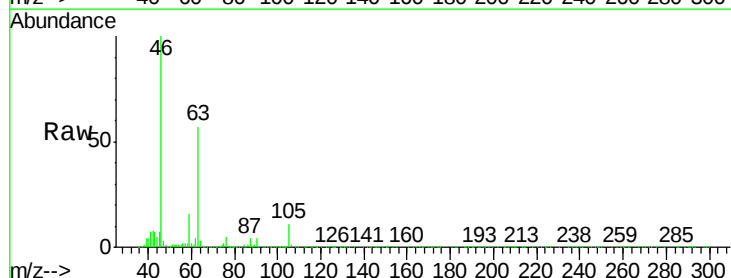
Instrument :
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ClientSampleId :
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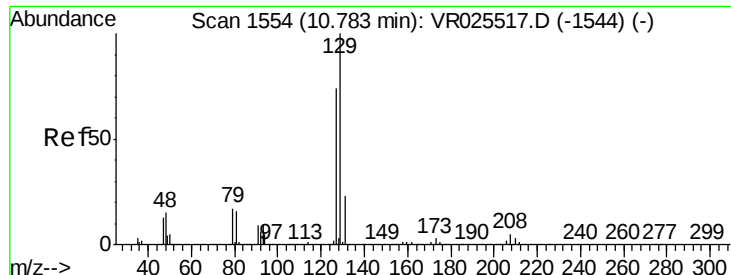
Tgt Ion:	164	Resp:	163425
Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.1	126.5
131	93.0	68.5	127.1
166	117.7	89.9	166.9



#48
2-Hexanone
Concen: 3.802 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025525.D
Acq: 19 Jul 2018 17:15

Tgt Ion:	43	Resp:	29748
Ion	Ratio	Lower	Upper
43	100		
58	28.6	43.1	64.7#
57	30.2	15.3	22.9#
100	3.8	7.9	11.9#





#49

Dibromochloromethane

Concen: 7.315 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.27 min

Lab File: VR025525.D

Acq: 19 Jul 2018 17:15

Instrument :

MSVOA_R

ClientSampleId :

C0AJ5

Tgt Ion:129 Resp: 146660

Ion Ratio Lower Upper

129 100

127 0.5 55.9 103.7#

