

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025503.D
 Acq On : 18 Jul 2018 12:56
 Operator : SY/MD
 Sample : J4002-06DL 8X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG4DL

Quant Time: Jul 19 05:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	701982	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	557798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	197789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	84110	4.35	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	2.63	69	64093	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	3.63	63	171990	2.93	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	6.60	46	243096	40.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.88%
24) Chloroform-d	7.20	84	375444	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	7.89	65	147351	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	7.86	84	797613	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	8.90	67	226465	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	701792	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	54190	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	197075	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94307	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	156437	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

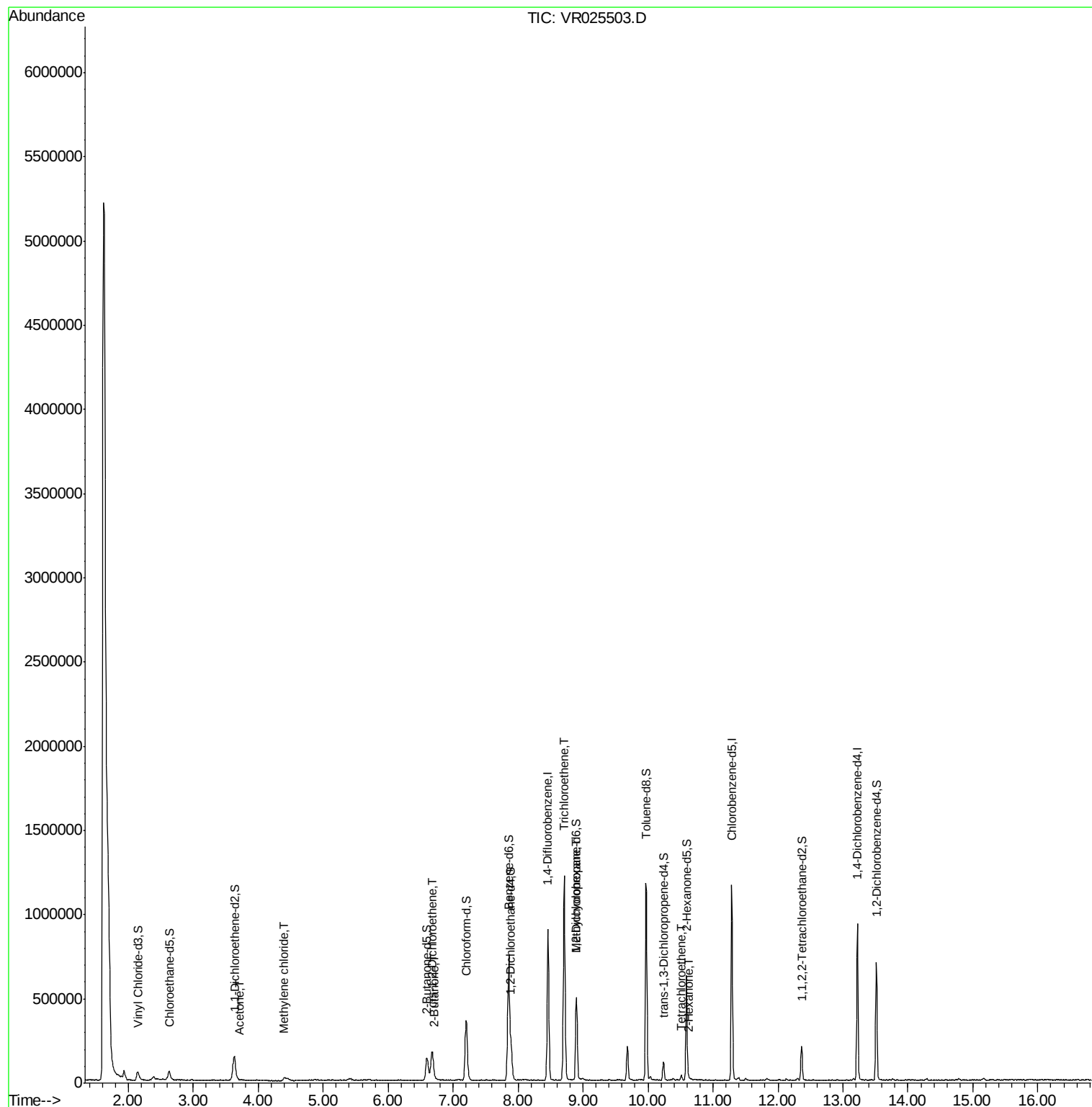
					Qvalue
13) Acetone	3.71	43	1450	0.535 ug/L	78
16) Methylene chloride	4.40	84	13043	0.634 ug/L	74
21) 2-Butanone	6.71	43	3140	0.498 ug/L	92
22) cis-1,2-Dichloroethene	6.68	96	106753	2.228 ug/L	94
34) Trichloroethene	8.71	95	427525	8.735 ug/L	99
35) Methylcyclohexane	8.90	83	55105	0.842 ug/L #	18
47) Tetrachloroethene	10.52	164	6928	0.217 ug/L	85
48) 2-Hexanone	10.63	43	3076	0.345 ug/L #	86

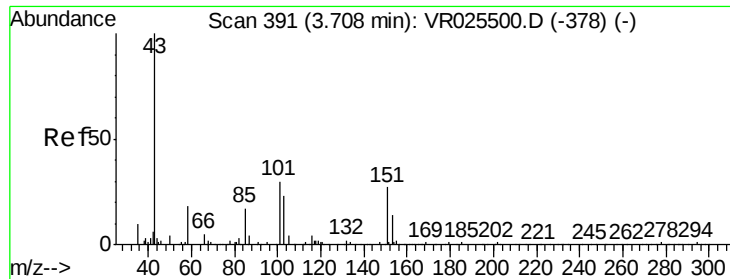
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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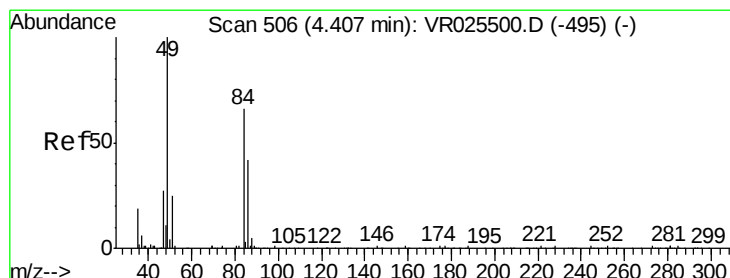
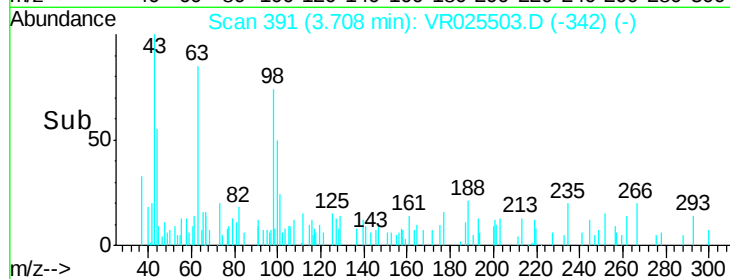
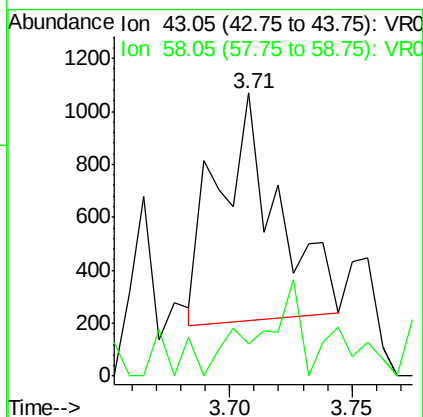
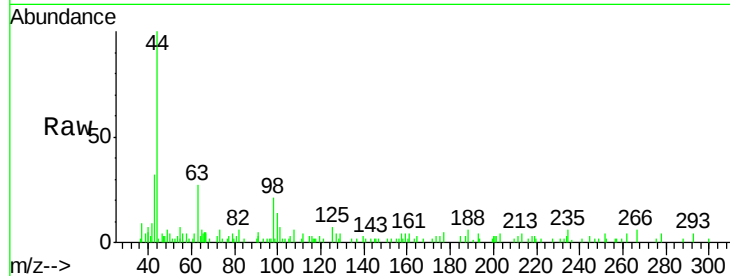




#13
Acetone
Concen: 0.535 ug/L
RT: 3.71 min Scan# 391
Delta R.T. -0.00 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

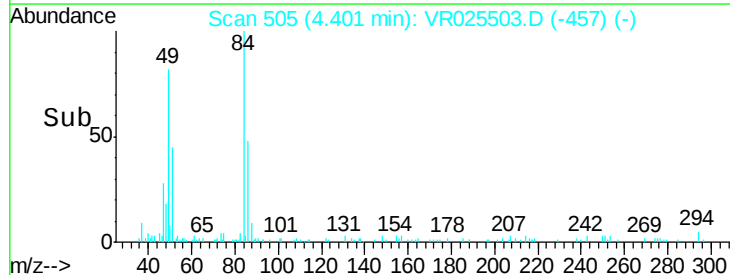
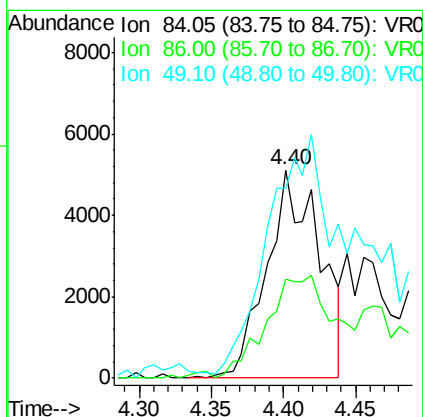
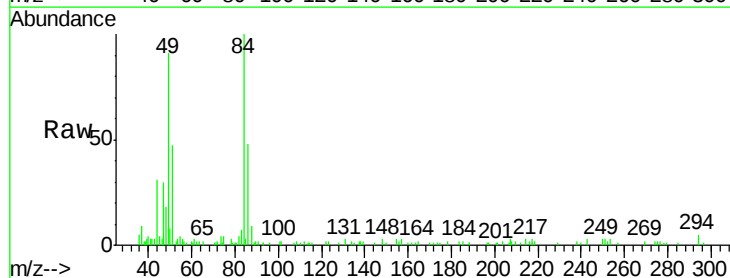
Instrument :
MSVOA_R
ClientSampleId :
C0AG4DL

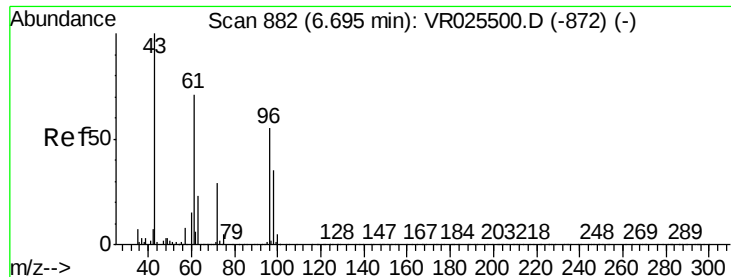
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 31.2 0.0 41.6



#16
Methylene chloride
Concen: 0.634 ug/L
RT: 4.40 min Scan# 505
Delta R.T. -0.01 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

Tgt Ion: 84 Resp: 13043
Ion Ratio Lower Upper
84 100
86 47.5 43.7 81.1
49 91.2 87.2 162.0





#21

2-Butanone

Concen: 0.498 ug/L

RT: 6.71 min Scan# 885

Delta R.T. 0.02 min

Lab File: VR025503.D

Acq: 18 Jul 2018 12:56

Instrument :

MSVOA_R

ClientSampleId :

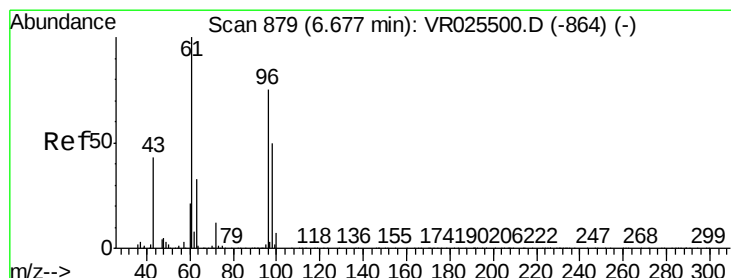
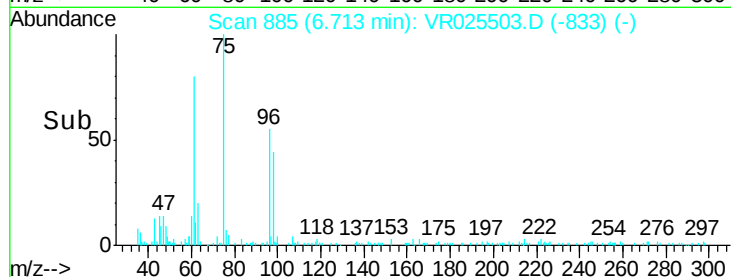
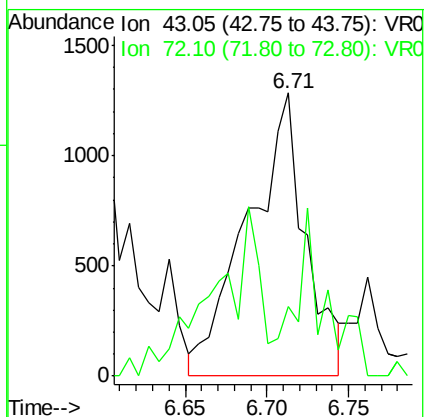
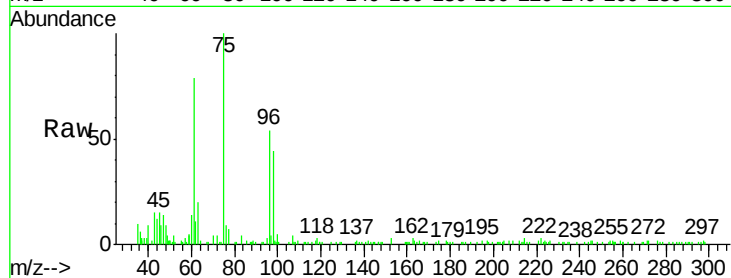
C0AG4DL

Tgt Ion: 43 Resp: 3140

Ion Ratio Lower Upper

43 100

72 29.8 13.0 38.9



#22

cis-1,2-Dichloroethene

Concen: 2.228 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025503.D

Acq: 18 Jul 2018 12:56

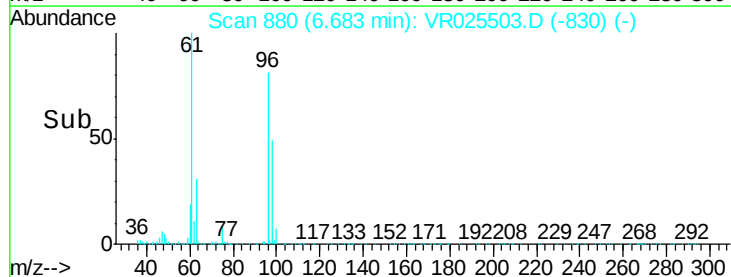
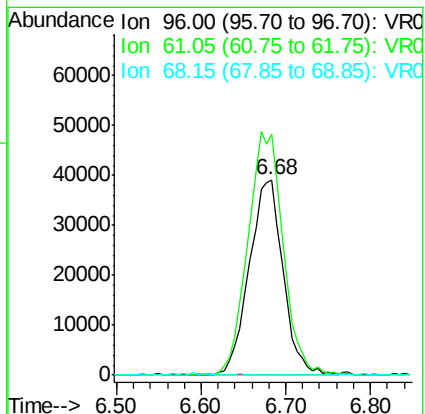
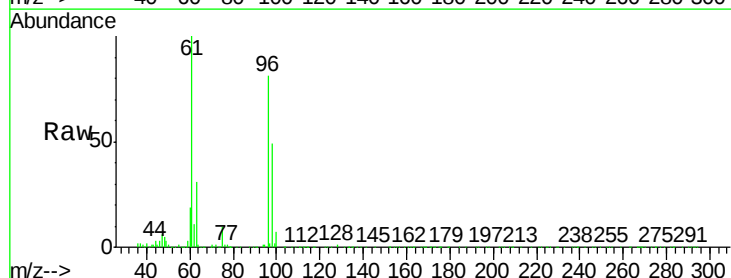
Tgt Ion: 96 Resp: 106753

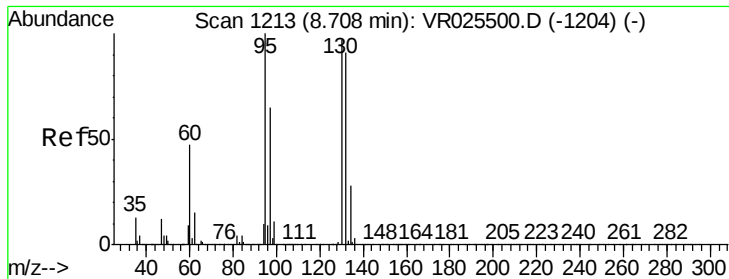
Ion Ratio Lower Upper

96 100

61 123.4 91.0 169.0

68 0.0 0.0 0.0

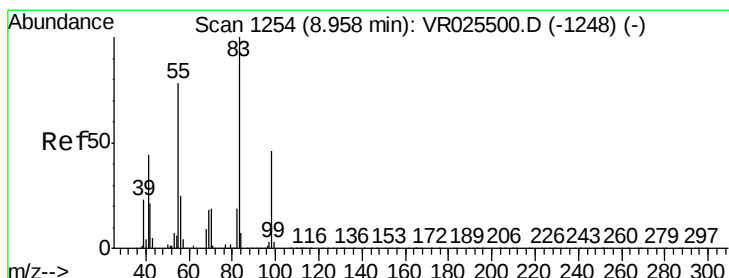
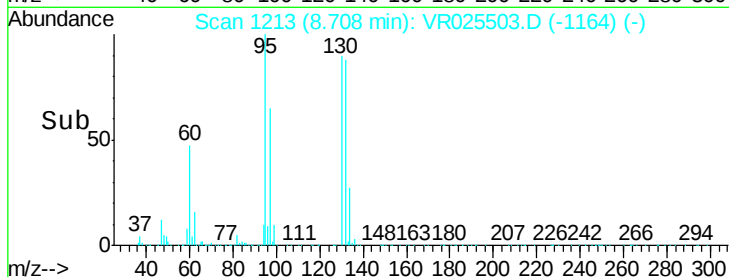
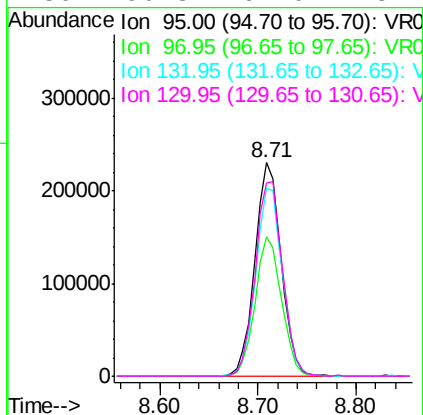
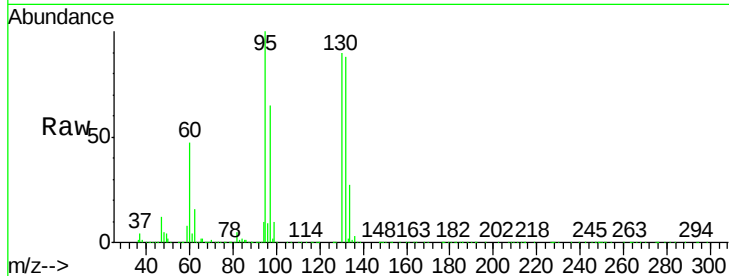




#34
 Trichloroethene
 Concen: 8.735 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: VR025503.D
 Acq: 18 Jul 2018 12:56

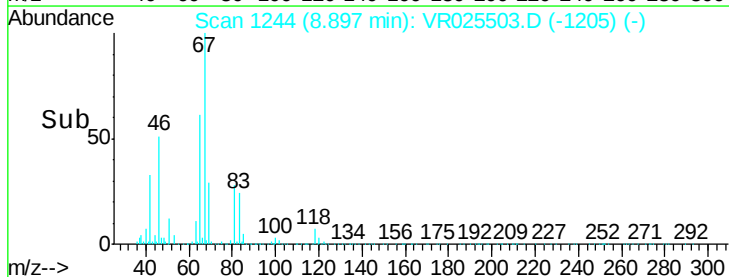
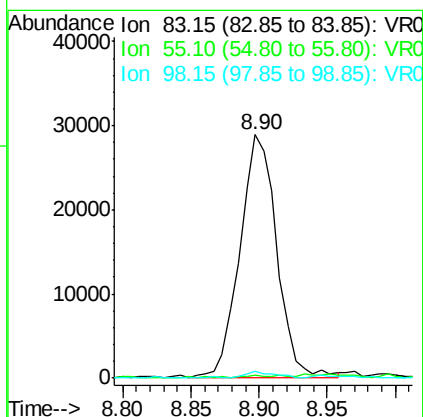
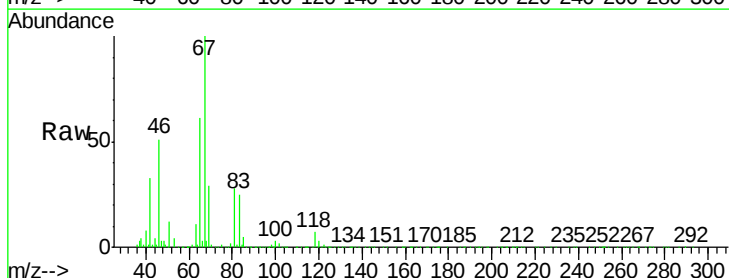
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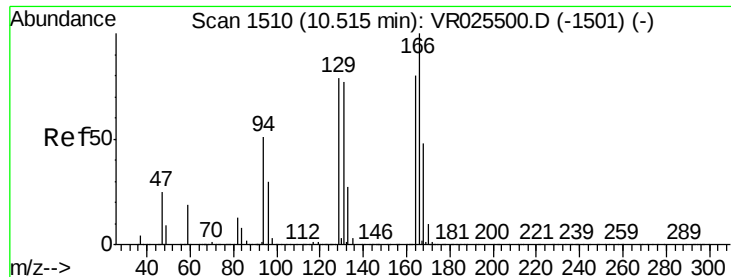
Tgt Ion:	95	Resp:	427525
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.6
132	88.3	60.9	113.1
130	90.3	62.0	115.2



#35
 Methylcyclohexane
 Concen: 0.842 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.06 min
 Lab File: VR025503.D
 Acq: 18 Jul 2018 12:56

Tgt Ion:	83	Resp:	55105
Ion	Ratio	Lower	Upper
83	100		
55	0.9	66.1	99.1#
98	2.3	36.2	54.4#

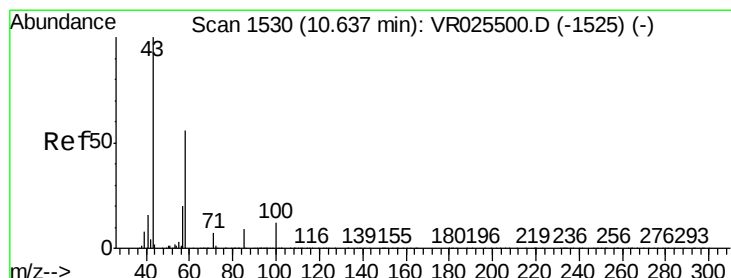
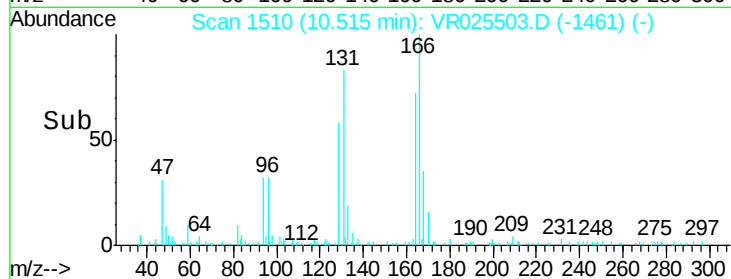
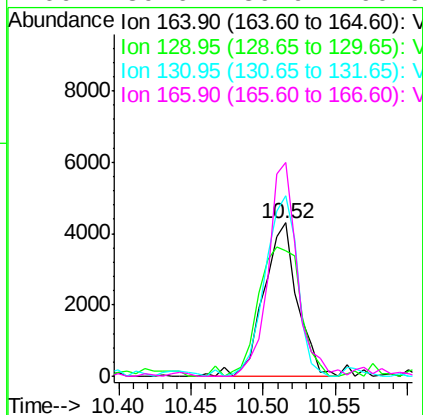
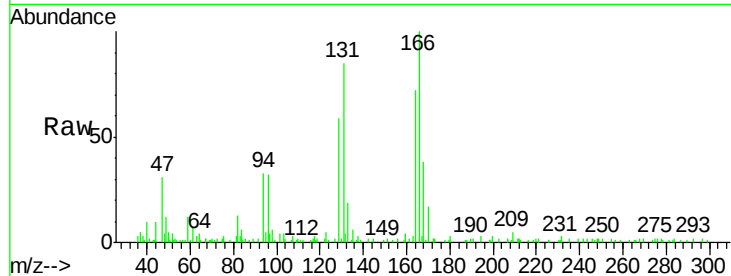




#47
Tetrachloroethene
Concen: 0.217 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

Instrument :
MSVOA_R
ClientSampleId :
C0AG4DL

Tgt Ion: 164 Resp: 6928
Ion Ratio Lower Upper
164 100
129 81.9 68.1 126.5
131 118.3 68.5 127.1
166 139.6 89.9 166.9



#48
2-Hexanone
Concen: 0.345 ug/L
RT: 10.63 min Scan# 1529
Delta R.T. -0.01 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
58 44.5 43.1 64.7
57 16.1 15.3 22.9
100 22.8 7.9 11.9#

