

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025417.D
 Acq On : 22 Jun 2018 16:59
 Operator : SY/MD
 Sample : J3674-03MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 DAZB3MSD

Quant Time: Jun 22 22:39:55 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	541099	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	453054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	177082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	64137	3.48	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	2.64	69	50949	3.76	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	3.65	63	205518	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	6.60	46	307860	62.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.64%
24) Chloroform-d	7.21	84	330925	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	144971	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	7.86	84	676350	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	8.90	67	219679	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	576046	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	10.24	79	45147	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	10.59	63	256802	63.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103515	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.00%#
64) 1,2-Dichlorobenzene-d4	13.51	152	143846	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

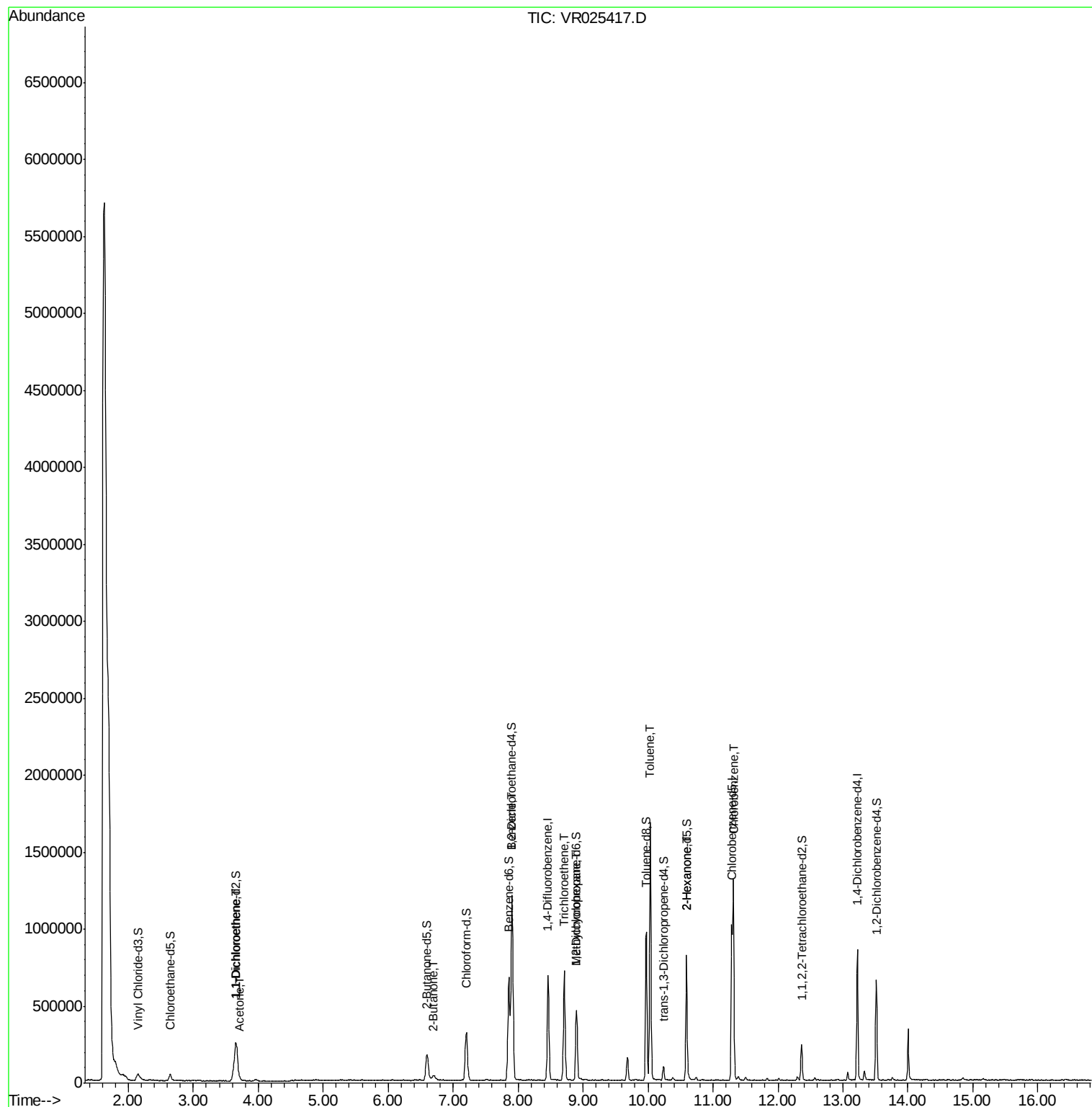
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.67	96	108127	5.685	ug/L	89
13) Acetone	3.71	43	13438	6.023	ug/L	85
21) 2-Butanone	6.70	43	3965	0.752	ug/L	87
33) Benzene	7.91	78	1081745	6.081	ug/L	100
34) Trichloroethene	8.71	95	251854	5.852	ug/L	97
35) Methylcyclohexane	8.90	83	50695	0.747	ug/L #	17
42) Toluene	10.03	91	1124598	5.900	ug/L	99
48) 2-Hexanone	10.59	43	31278	3.835	ug/L #	66
51) Chlorobenzene	11.31	112	593875	5.817	ug/L	99

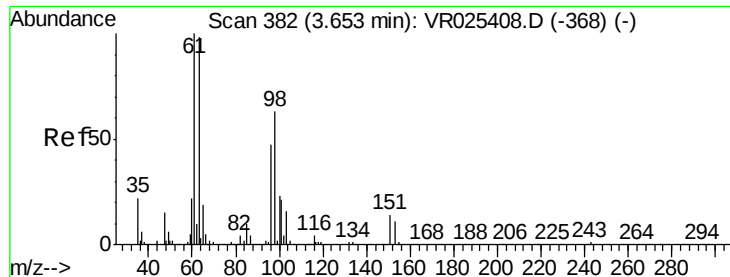
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.685 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.01 min

Lab File: VR025417.D

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Instrument :

MSVOA_R

ClientSampleId :

DAZB3MSD

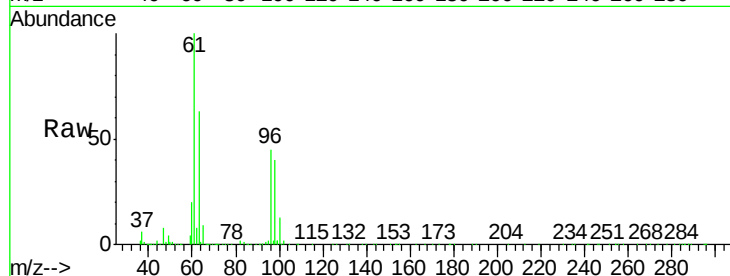
Tgt Ion: 96 Resp: 108127

Ion Ratio Lower Upper

96 100

61 222.5 155.0 287.9

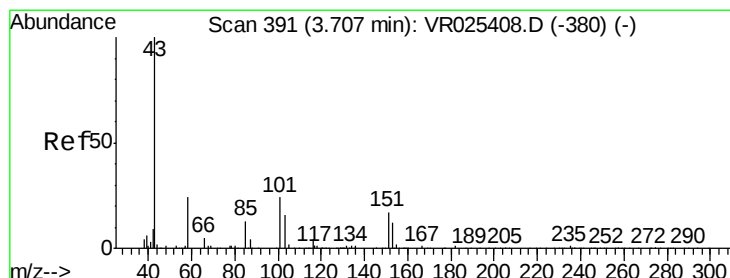
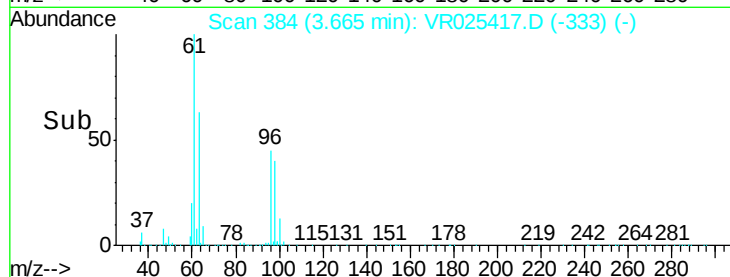
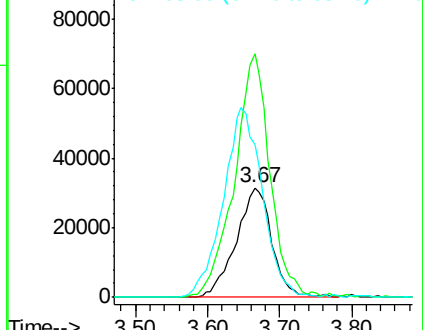
63 140.0 122.3 227.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 6.023 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025417.D

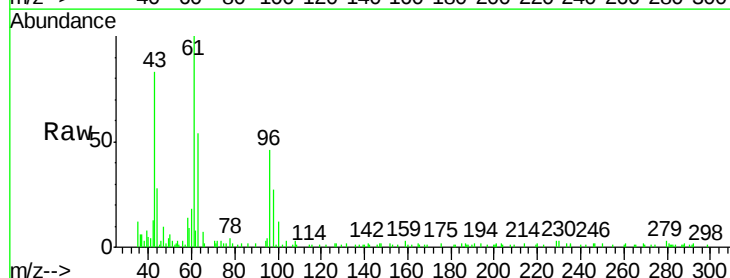
Acq: 22 Jun 2018 16:59

Tgt Ion: 43 Resp: 13438

Ion Ratio Lower Upper

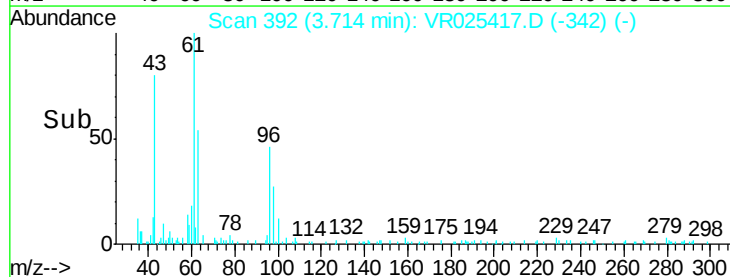
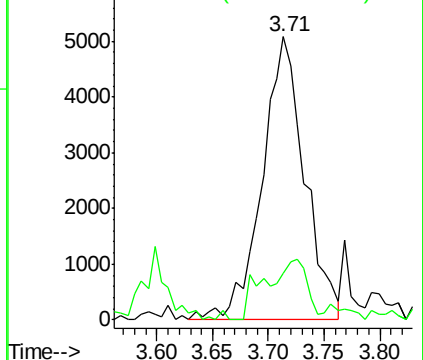
43 100

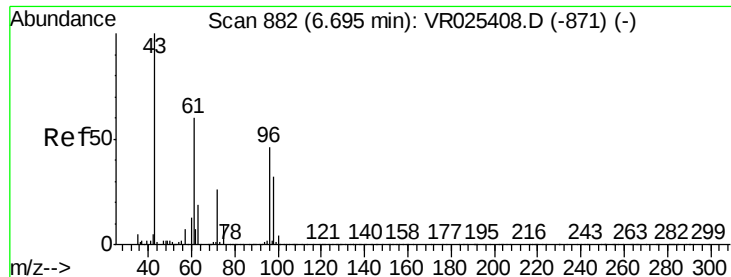
58 13.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 0.752 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

Instrument :

MSVOA_R

ClientSampleId :

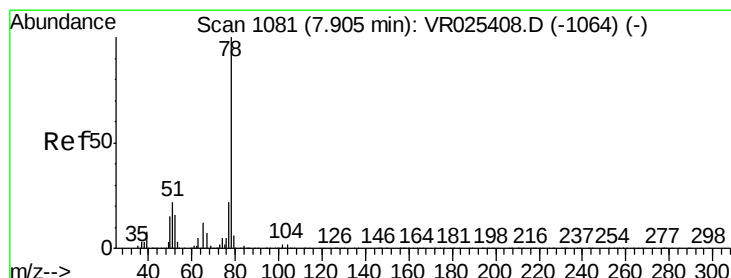
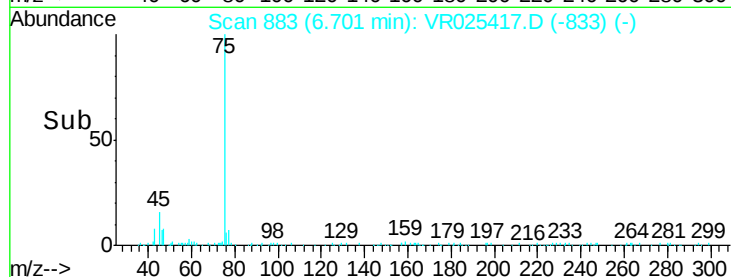
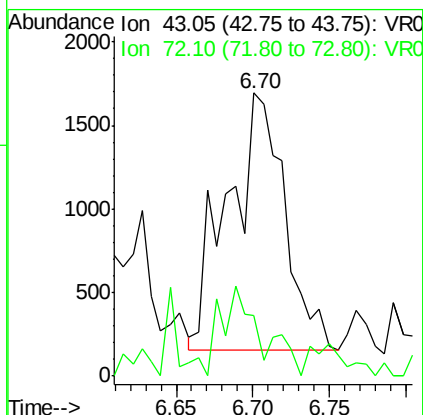
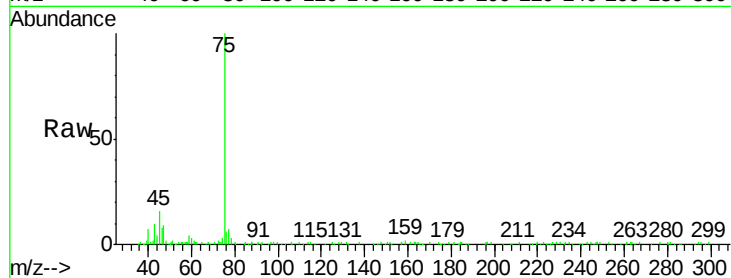
DAZB3MSD

Tgt Ion: 43 Resp: 3965

Ion Ratio Lower Upper

43 100

72 19.1 13.0 38.9



#33

Benzene

Concen: 6.081 ug/L

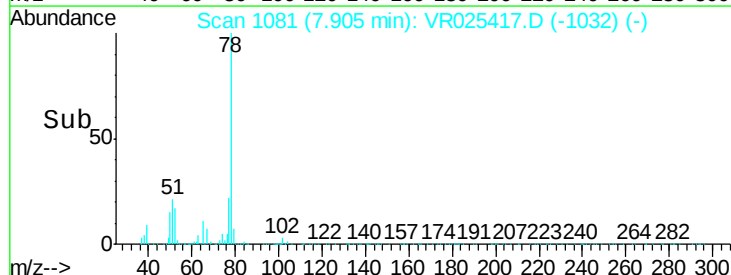
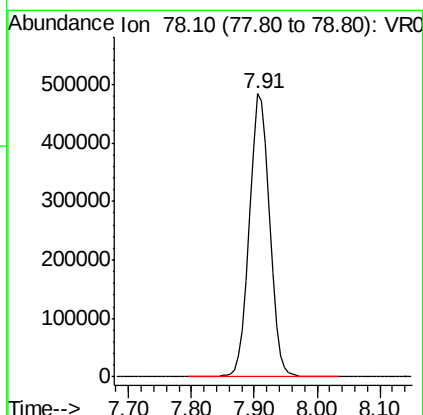
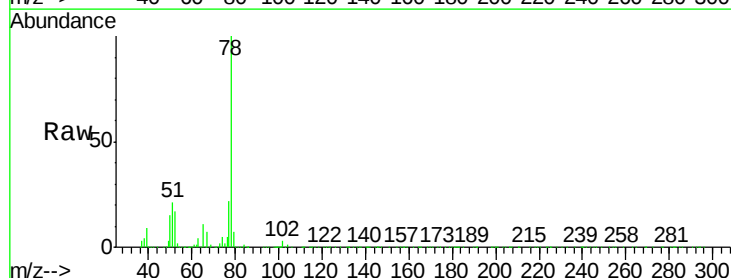
RT: 7.91 min Scan# 1081

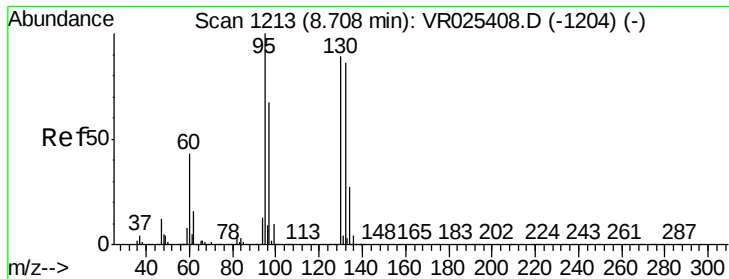
Delta R.T. 0.00 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

Tgt Ion: 78 Resp: 1081745





#34

Trichloroethene

Concen: 5.852 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

Instrument :

MSVOA_R

ClientSampleId :

DAZB3MSD

Tgt Ion: 95 Resp: 251854

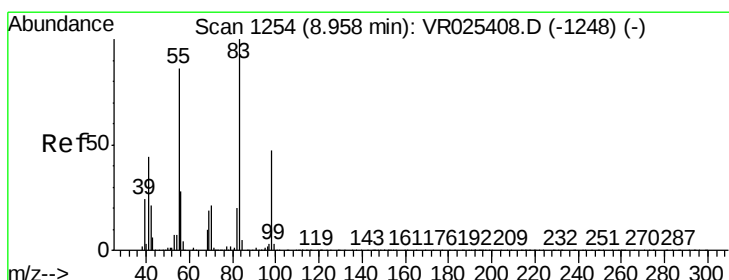
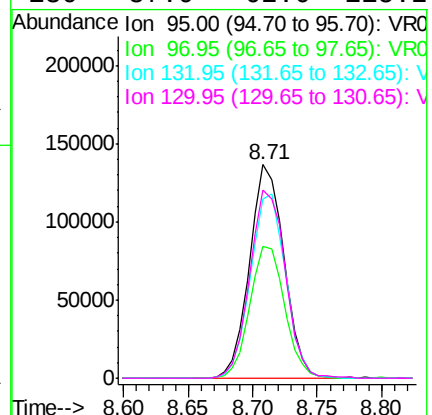
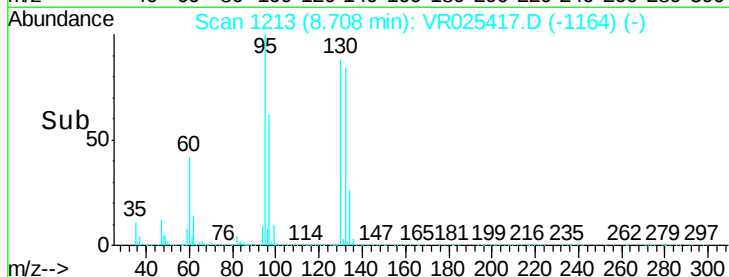
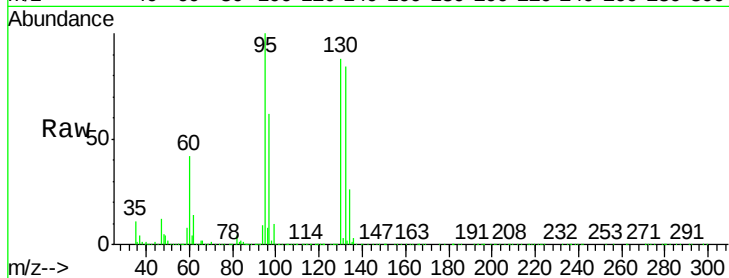
Ion Ratio Lower Upper

95 100

97 61.8 45.6 84.6

132 83.7 60.9 113.1

130 87.9 62.0 115.2



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

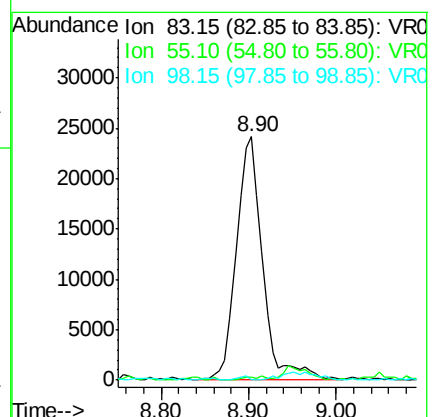
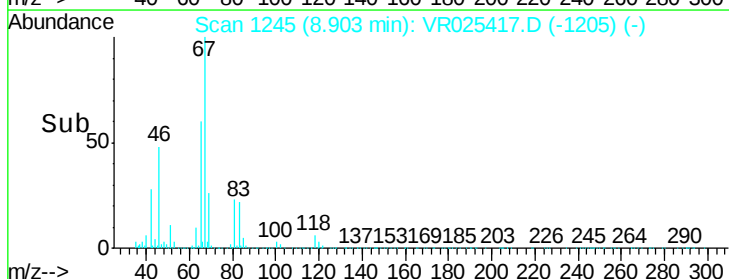
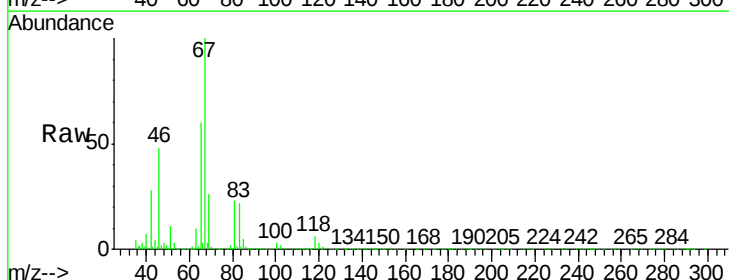
Tgt Ion: 83 Resp: 50695

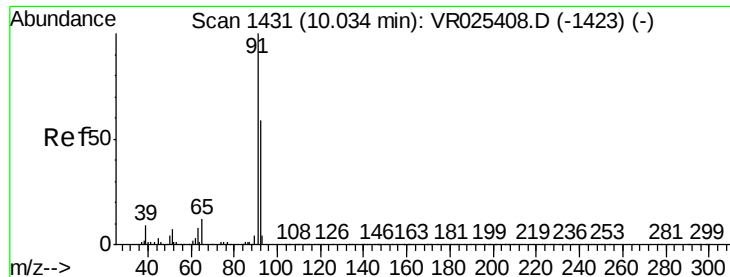
Ion Ratio Lower Upper

83 100

55 0.8 66.1 99.1#

98 0.6 36.2 54.4#





#42

Toluene

Concen: 5.900 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

Instrument :

MSVOA_R

ClientSampleId :

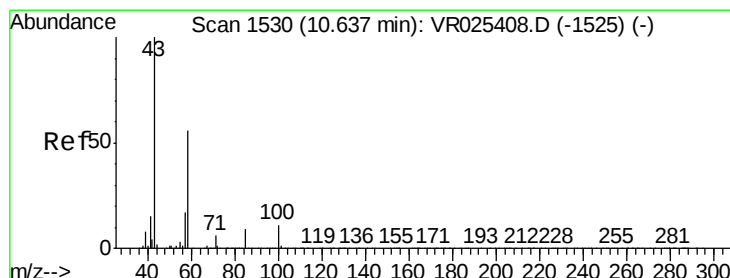
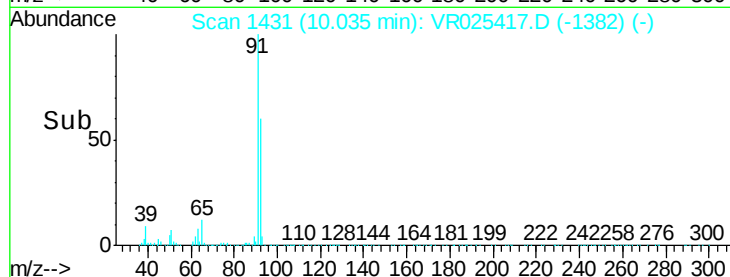
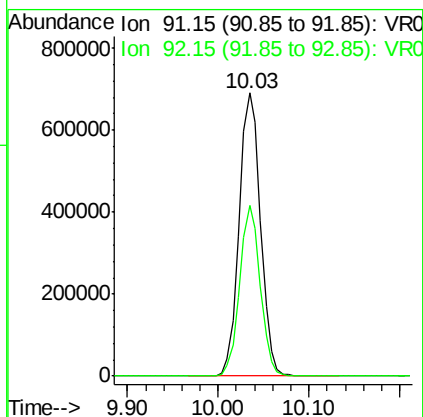
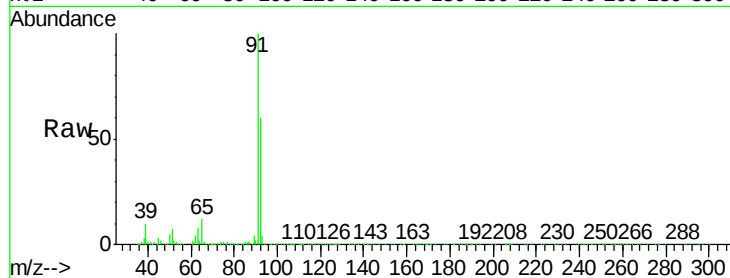
DAZB3MSD

Tgt Ion: 91 Resp: 1124598

Ion Ratio Lower Upper

91 100

92 60.4 41.9 77.7



#48

2-Hexanone

Concen: 3.835 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025417.D

Acq: 22 Jun 2018 16:59

Tgt Ion: 43 Resp: 31278

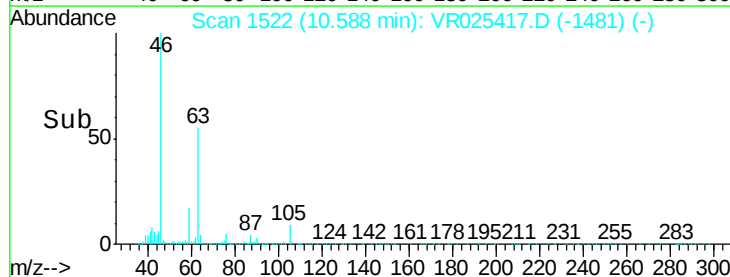
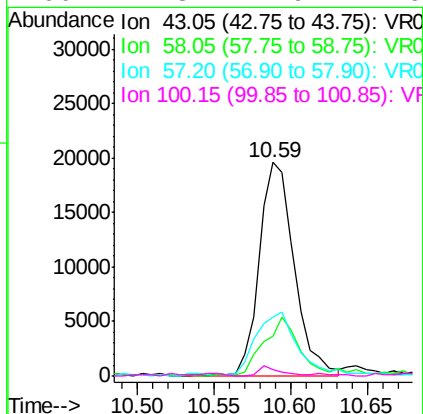
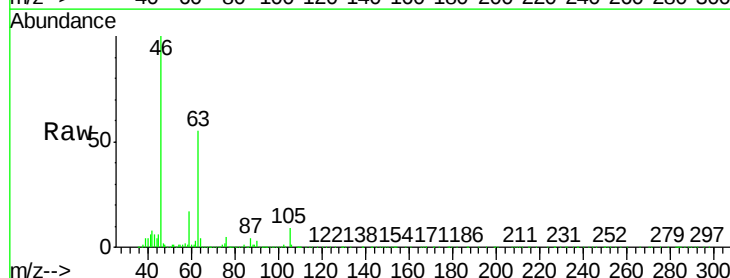
Ion Ratio Lower Upper

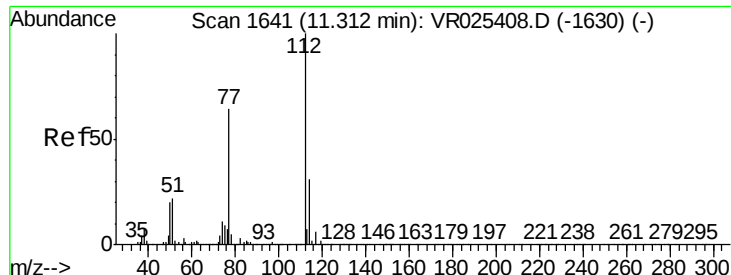
43 100

58 27.5 43.1 64.7#

57 34.5 15.3 22.9#

100 2.8 7.9 11.9#





#51
 Chlorobenzene
 Concen: 5.817 ug/L
 RT: 11.31 min Scan# 1641
 Delta R.T. 0.00 min
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Tgt Ion:	112	Resp:	593875
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.6	40.0
77	65.5	51.9	77.9

