

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025308.D
 Acq On : 15 Jun 2018 20:03
 Operator : SY/MD
 Sample : J3549-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWE0

Quant Time: Jun 16 05:04:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	656674	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	519212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	184092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	97940	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.64	69	76134	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	3.63	63	198284	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	6.59	46	302036	50.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	7.20	84	383082	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.89	65	157778	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.85	84	831563	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	239866	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	9.97	98	727358	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.24	79	56756	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	10.59	63	245521	53.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98332	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	160039	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

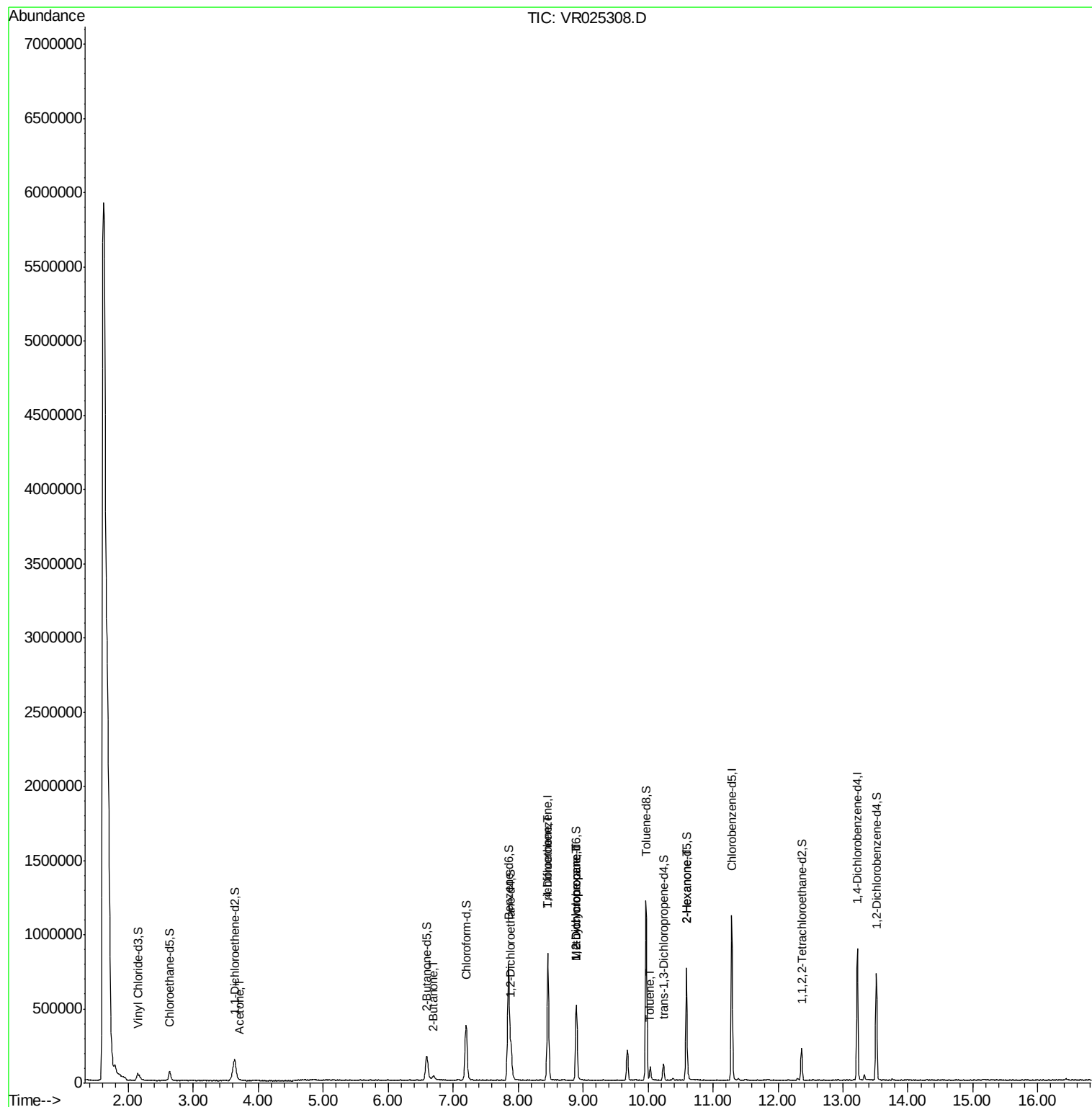
					Qvalue
13) Acetone	3.71	43	10736	3.965 ug/L	95
21) 2-Butanone	6.69	43	1616	0.253 ug/L	94
34) Trichloroethene	8.46	95	19028	0.386 ug/L #	9
35) Methylcyclohexane	8.90	83	55514	0.713 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24164	0.533 ug/L #	90
42) Toluene	10.03	91	58278	0.267 ug/L	93
48) 2-Hexanone	10.59	43	29565	3.163 ug/L #	68

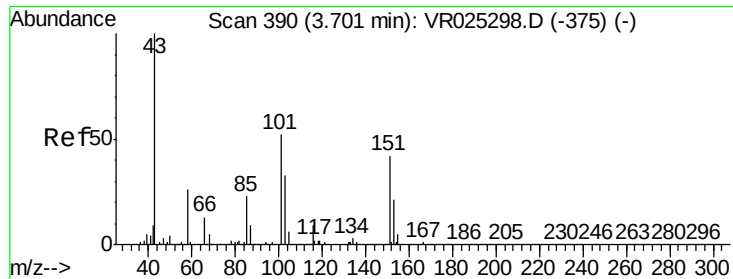
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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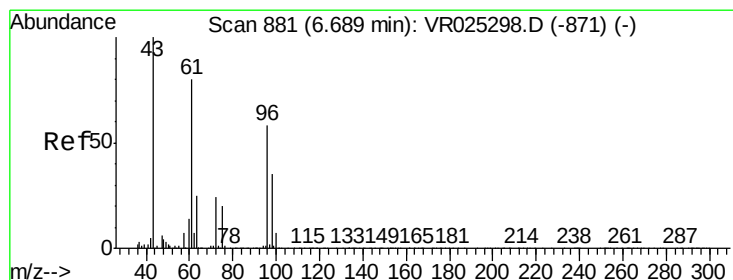
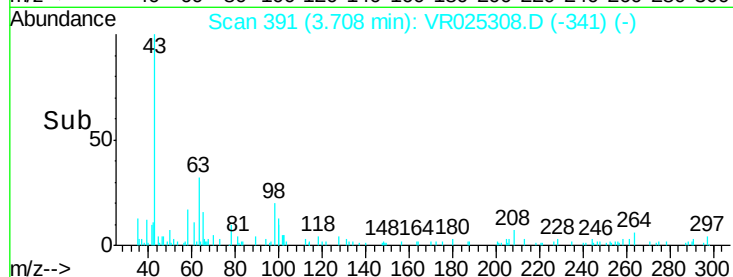
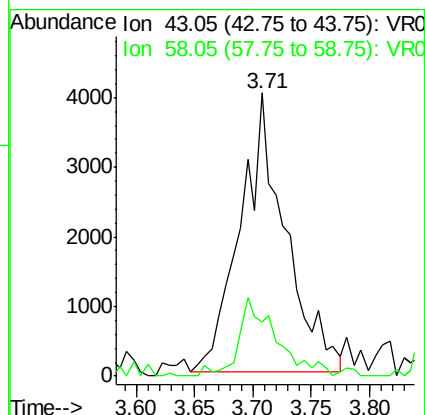
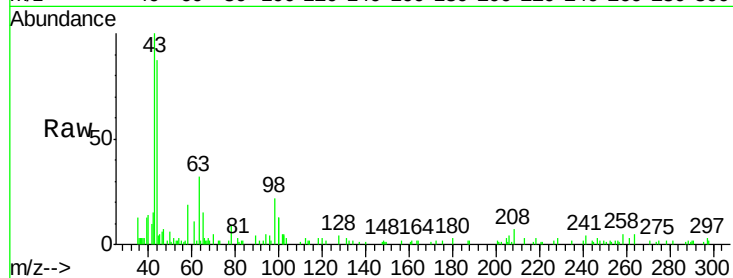




#13
Acetone
Concen: 3.965 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025308.D
Acq: 15 Jun 2018 20:03

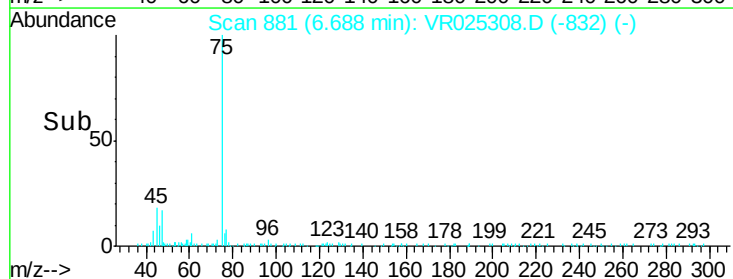
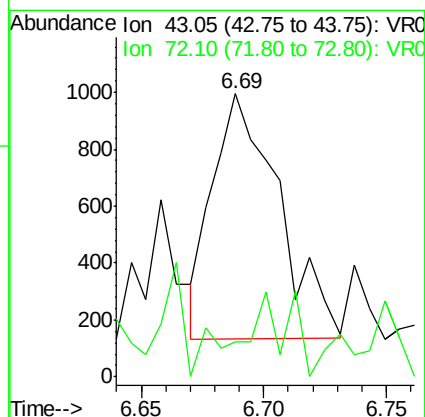
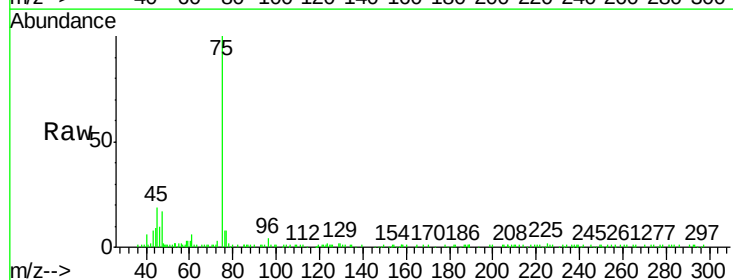
Instrument :
MSVOA_R
ClientSampleId :
ESWE0

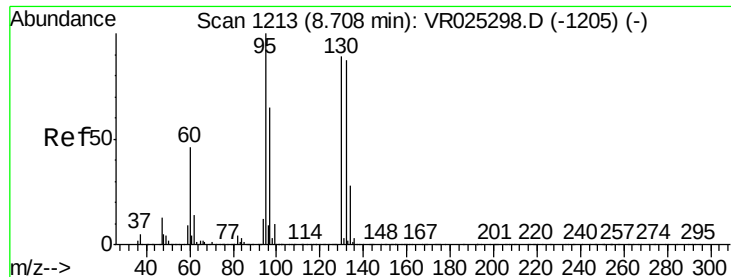
Tgt Ion: 43 Resp: 10736
Ion Ratio Lower Upper
43 100
58 22.9 0.0 41.6



#21
2-Butanone
Concen: 0.253 ug/L
RT: 6.69 min Scan# 881
Delta R.T. -0.00 min
Lab File: VR025308.D
Acq: 15 Jun 2018 20:03

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
72 23.0 13.0 38.9





#34

Trichloroethene

Concen: 0.386 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025308.D

Acq: 15 Jun 2018 20:03

Instrument :

MSVOA_R

ClientSampleId :

ESWE0

Tgt Ion: 95 Resp: 19028

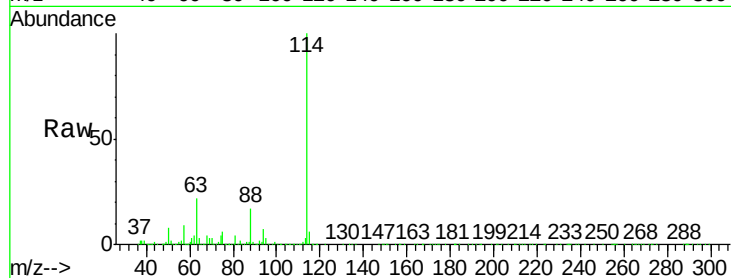
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 60.9 113.1#

130 0.7 62.0 115.2#

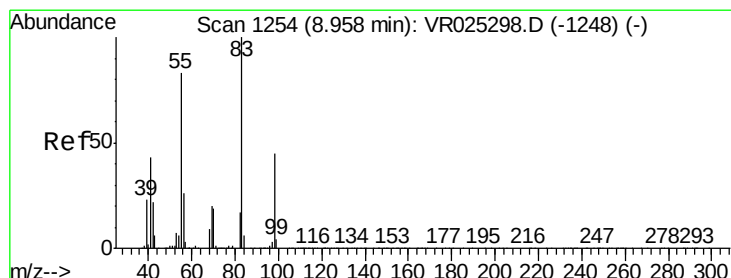
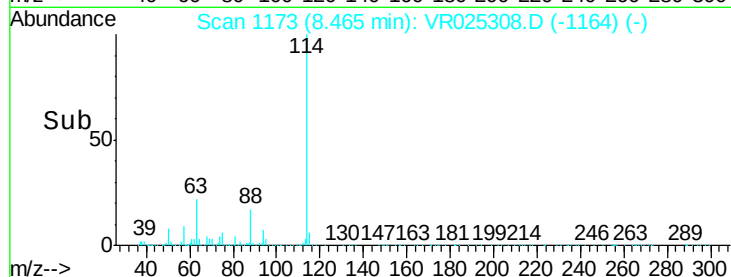
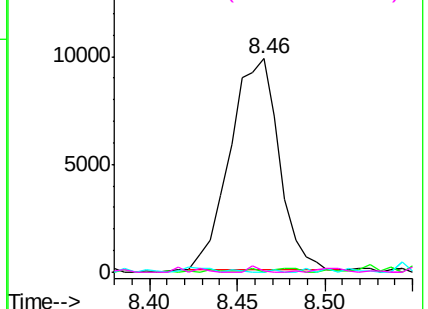


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.713 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025308.D

Acq: 15 Jun 2018 20:03

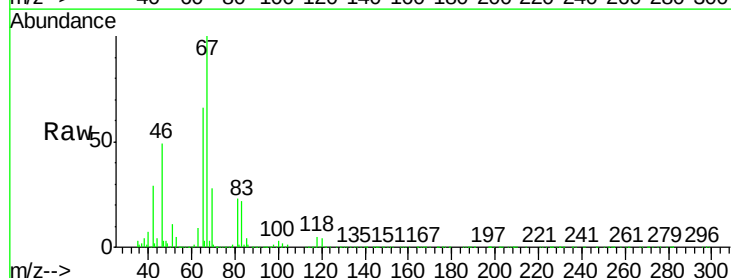
Tgt Ion: 83 Resp: 55514

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

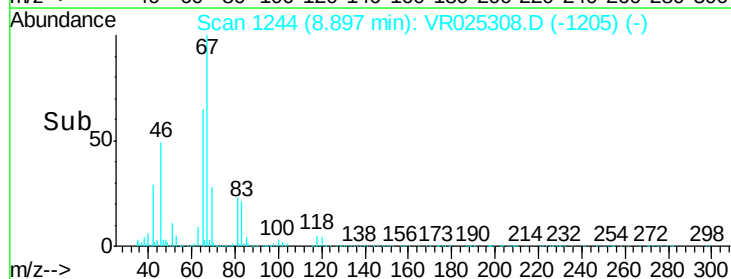
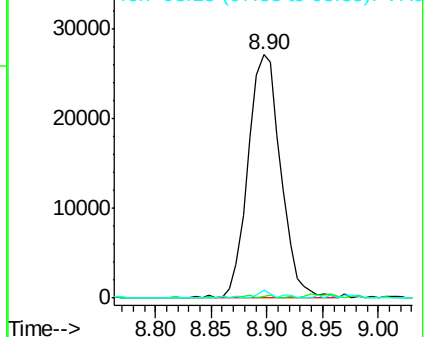
98 1.3 36.2 54.4#

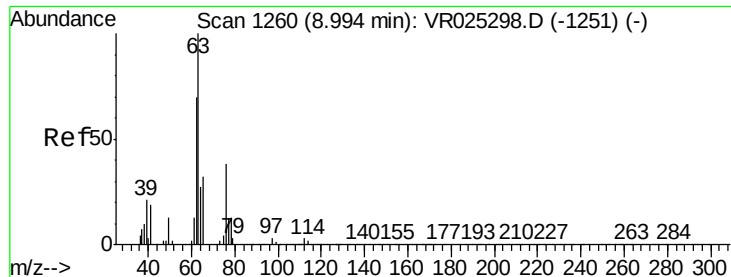


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

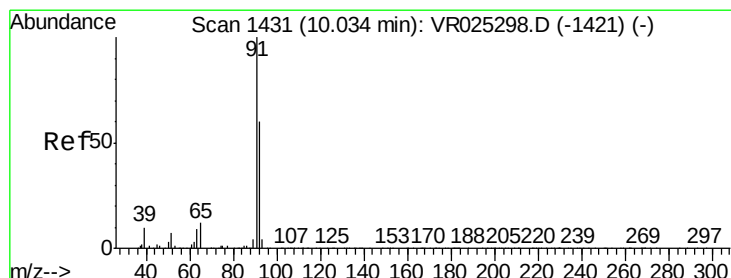
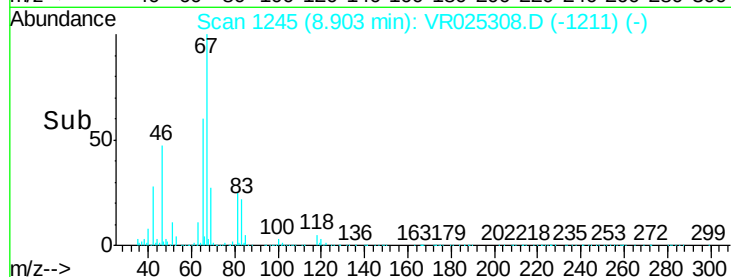
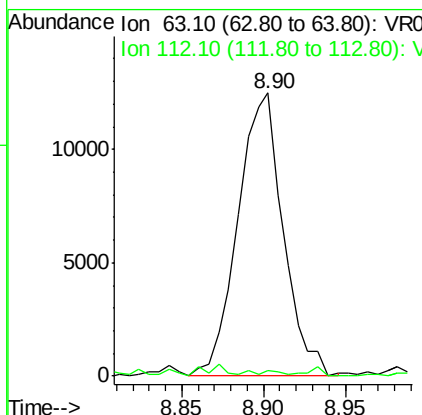
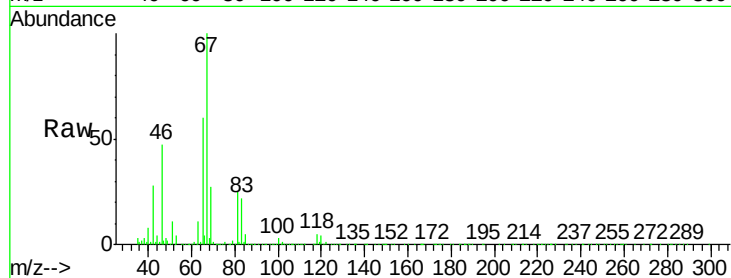




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025308.D
 Acq: 15 Jun 2018 20:03

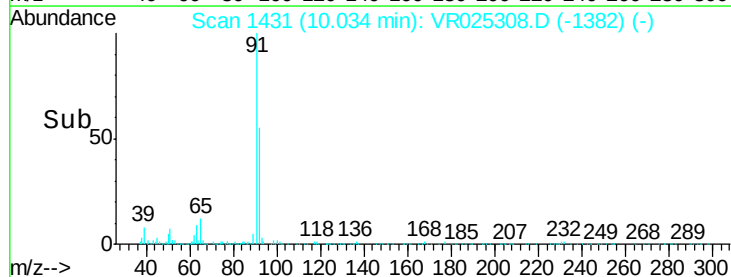
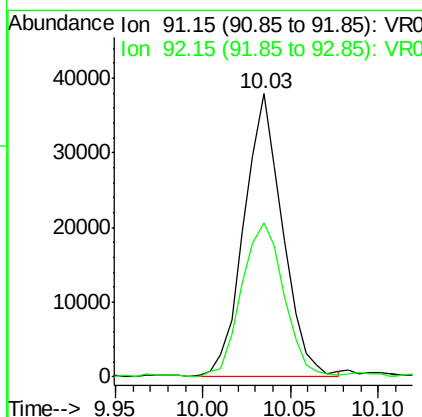
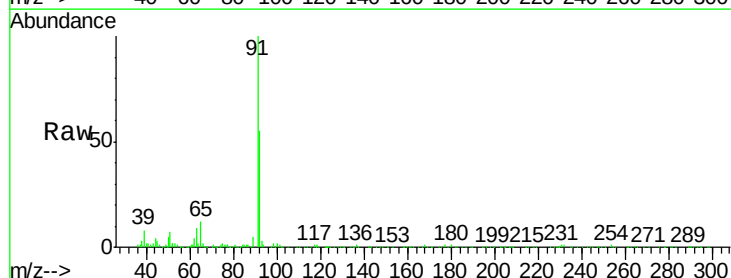
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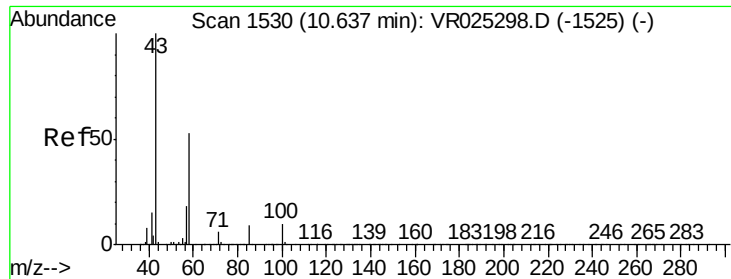
Tgt Ion: 63 Resp: 24164
 Ion Ratio Lower Upper
 63 100
 112 0.4 2.9 4.3#



#42
 Toluene
 Concen: 0.267 ug/L
 RT: 10.03 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VR025308.D
 Acq: 15 Jun 2018 20:03

Tgt Ion: 91 Resp: 58278
 Ion Ratio Lower Upper
 91 100
 92 54.6 41.9 77.7





#48

2-Hexanone

Concen: 3.163 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025308.D

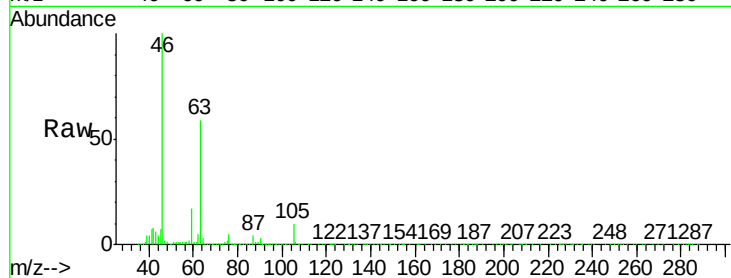
Acq: 15 Jun 2018 20:03

Instrument :

MSVOA_R

ClientSampleId :

ESWE0



Tgt Ion: 43 Resp: 29565

Ion Ratio Lower Upper

43 100

58 26.2 43.1 64.7#

57 27.5 15.3 22.9#

100 2.1 7.9 11.9#

Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

