

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025315.D
 Acq On : 15 Jun 2018 23:52
 Operator : SY/MD
 Sample : J3549-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWE7

Quant Time: Jun 16 05:05:37 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	629826	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	516080	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	169263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98582	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	2.63	69	79600	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	3.63	63	199954	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	6.59	46	291763	50.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	7.20	84	371509	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.89	65	153165	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	7.86	84	826149	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	244098	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	719182	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	10.24	79	49114	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	10.59	63	234706	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97504	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	156919	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

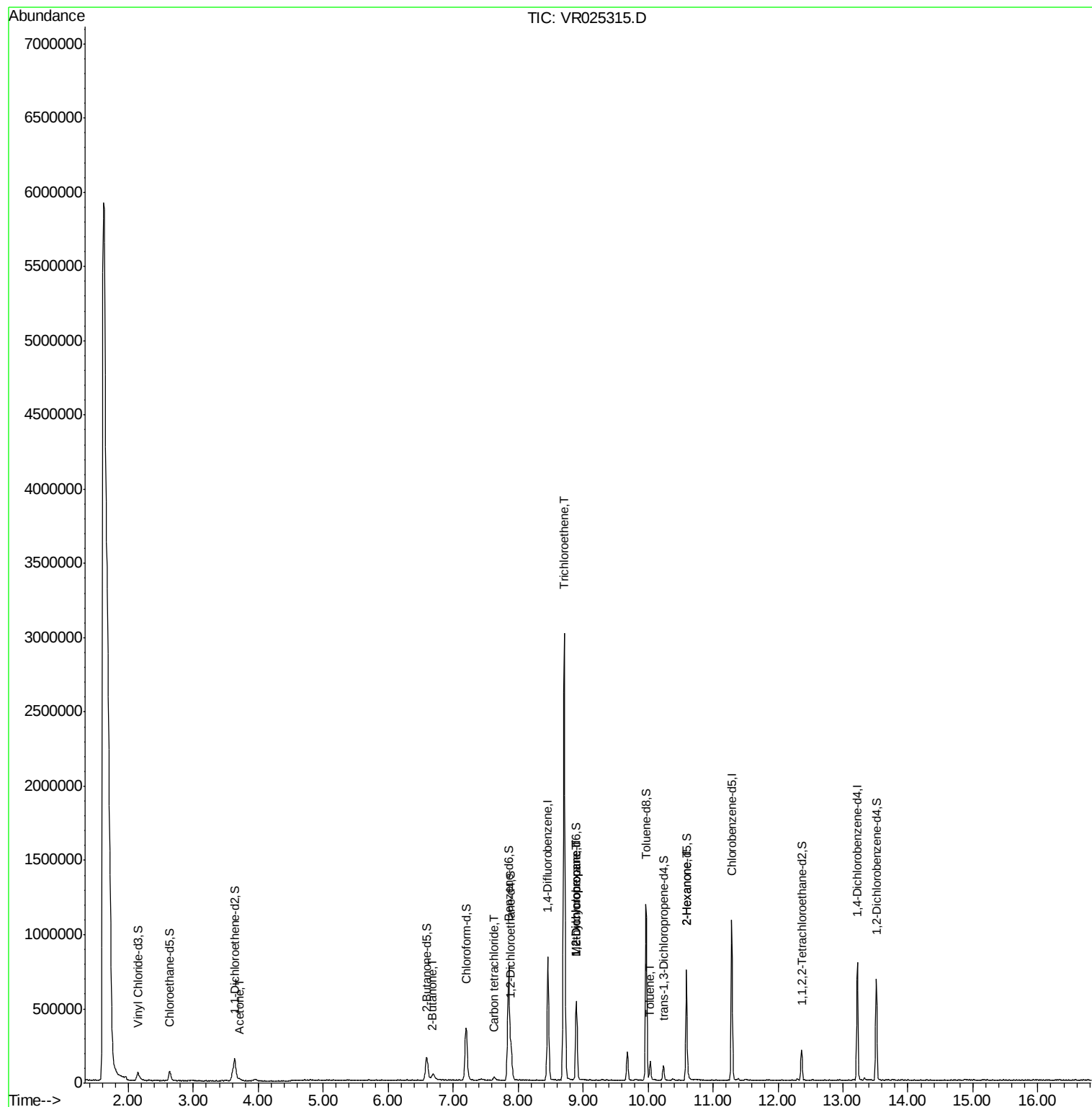
					Qvalue
13) Acetone	3.71	43	16507	6.356	ug/L 98
21) 2-Butanone	6.68	43	1539	0.251	ug/L 83
31) Carbon tetrachloride	7.63	117	14297	0.266	ug/L 82
34) Trichloroethene	8.71	95	1036097	21.135	ug/L 97
35) Methylcyclohexane	8.90	83	53109	0.687	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	25765	0.572	ug/L # 93
42) Toluene	10.03	91	89359	0.412	ug/L 94
48) 2-Hexanone	10.59	43	30022	3.231	ug/L # 71

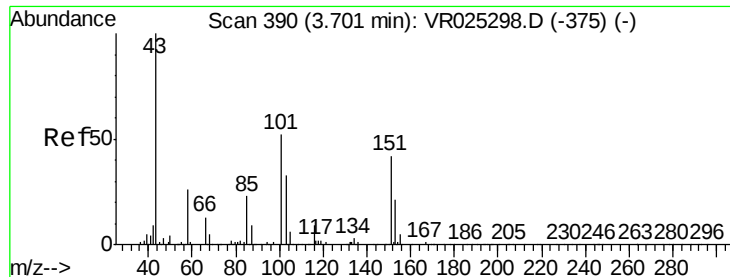
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 16:03:18 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.356 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025315.D

Acq: 15 Jun 2018 23:52

Instrument :

MSVOA_R

ClientSampleId :

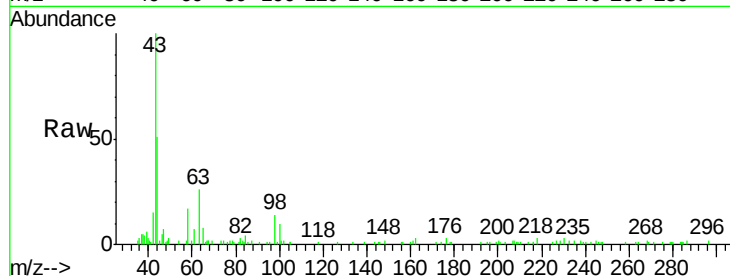
ESWE7

Tgt Ion: 43 Resp: 16507

Ion Ratio Lower Upper

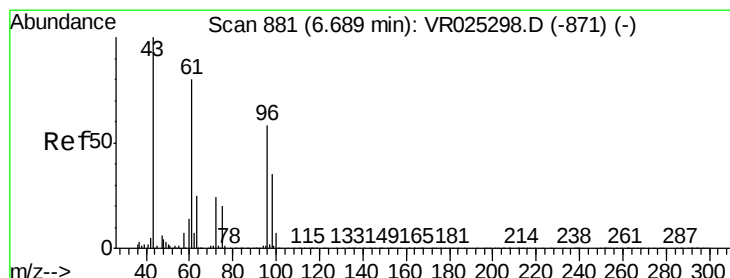
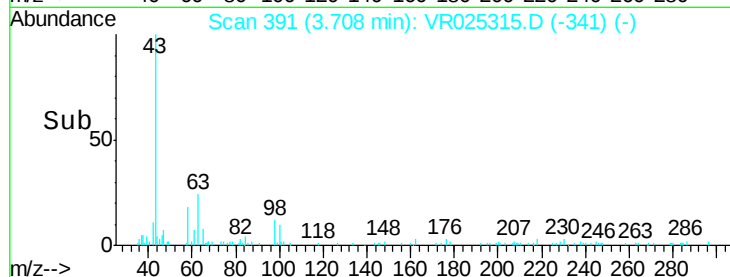
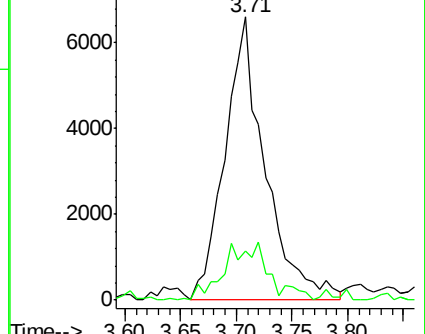
43 100

58 21.5 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: 0.251 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025315.D

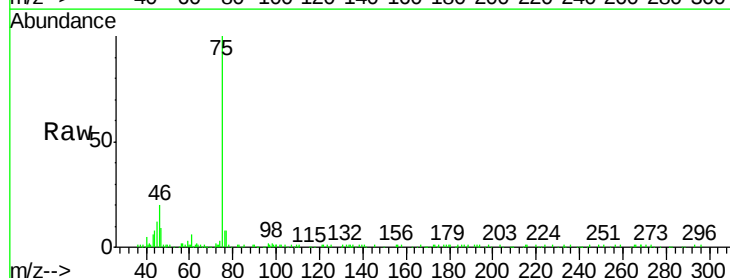
Acq: 15 Jun 2018 23:52

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

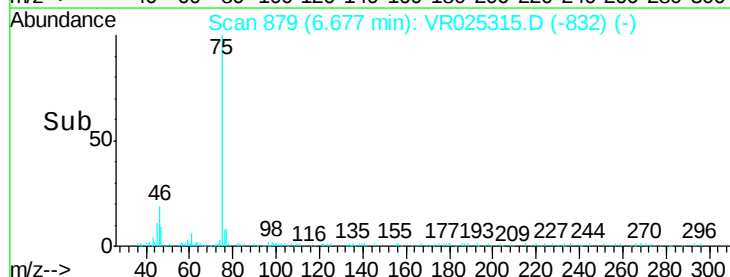
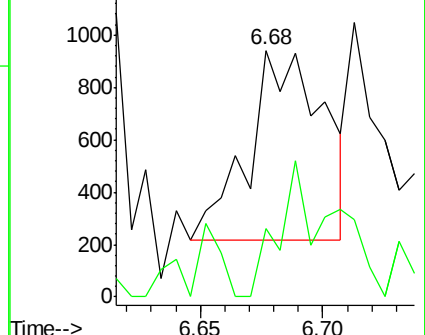
43 100

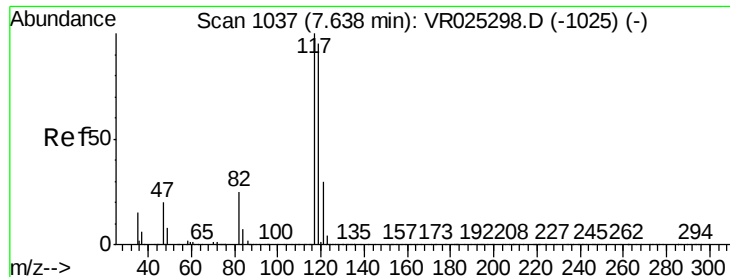
72 34.7 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

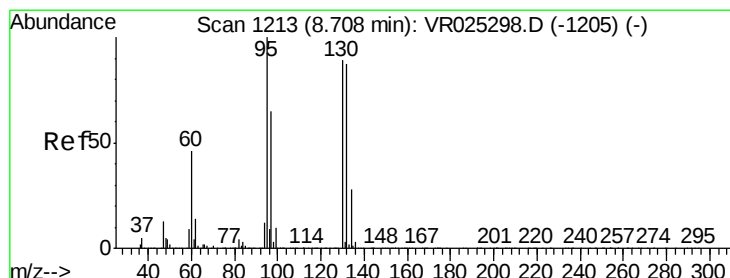
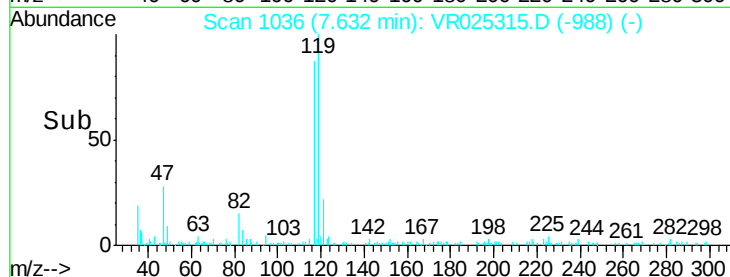
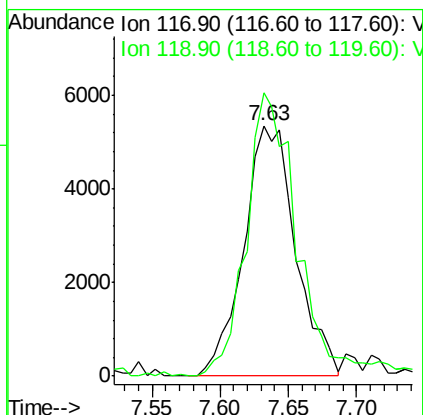
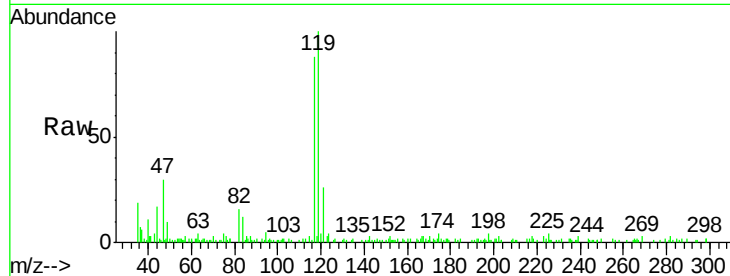




#31
Carbon tetrachloride
Concen: 0.266 ug/L
RT: 7.63 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VR025315.D
Acq: 15 Jun 2018 23:52

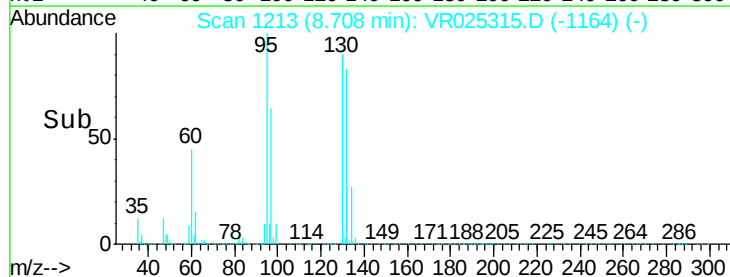
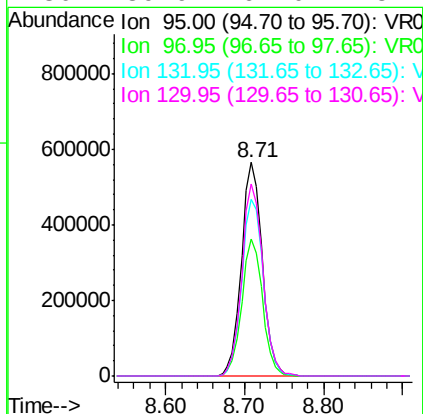
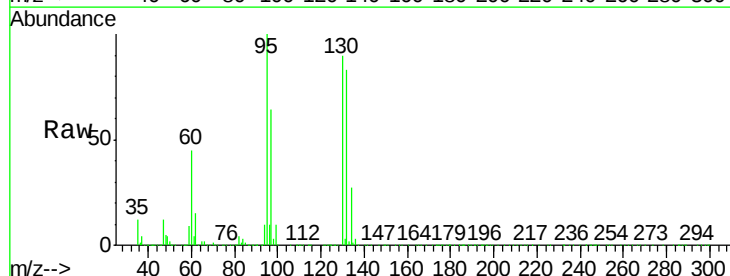
Instrument :
MSVOA_R
ClientSampleId :
ESWE7

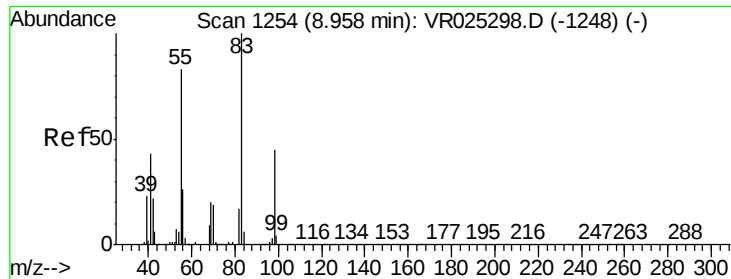
Tgt Ion: 117 Resp: 14297
Ion Ratio Lower Upper
117 100
119 111.8 75.5 113.3



#34
Trichloroethene
Concen: 21.135 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025315.D
Acq: 15 Jun 2018 23:52

Tgt Ion: 95 Resp: 1036097
Ion Ratio Lower Upper
95 100
97 63.9 45.6 84.6
132 82.8 60.9 113.1
130 89.9 62.0 115.2





#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025315.D

Acq: 15 Jun 2018 23:52

Instrument :

MSVOA_R

ClientSampleId :

ESWE7

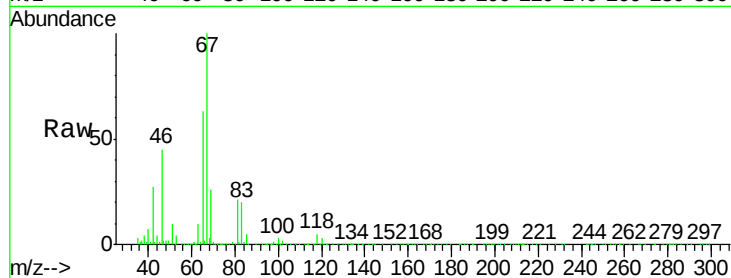
Tgt Ion: 83 Resp: 53109

Ion Ratio Lower Upper

83 100

55 0.4 66.1 99.1#

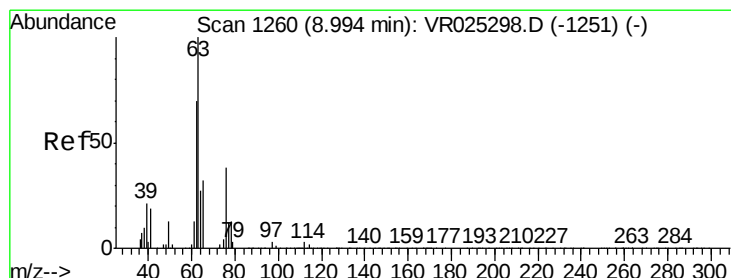
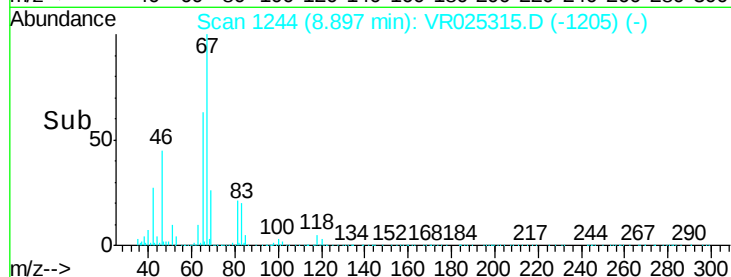
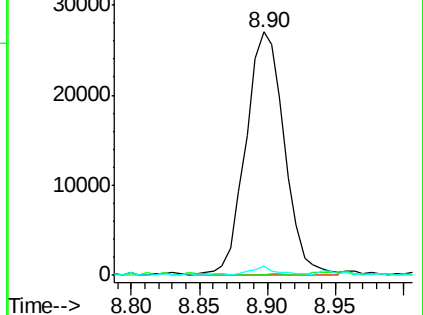
98 2.6 36.2 54.4#



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: 0.572 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025315.D

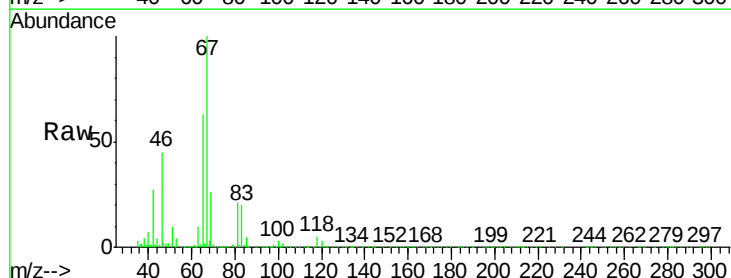
Acq: 15 Jun 2018 23:52

Tgt Ion: 63 Resp: 25765

Ion Ratio Lower Upper

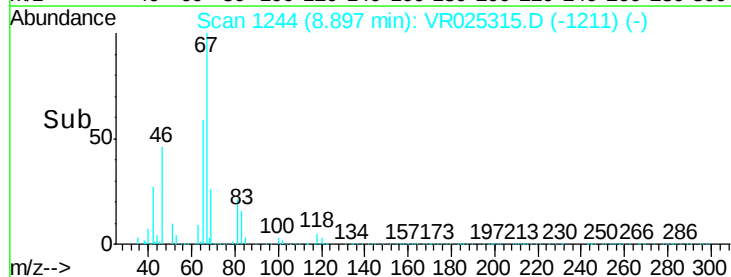
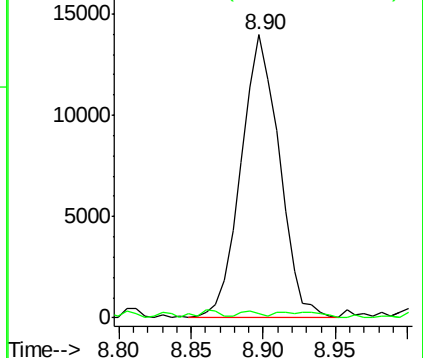
63 100

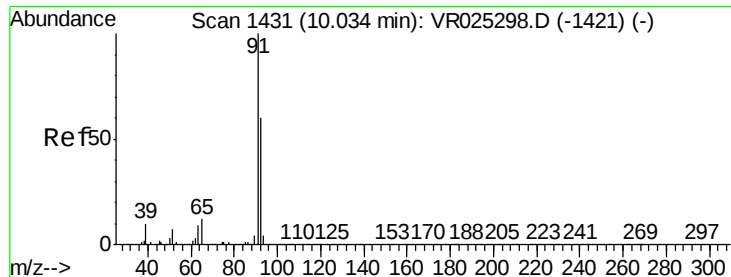
112 1.4 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.412 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025315.D

Acq: 15 Jun 2018 23:52

Instrument :

MSVOA_R

ClientSampled :

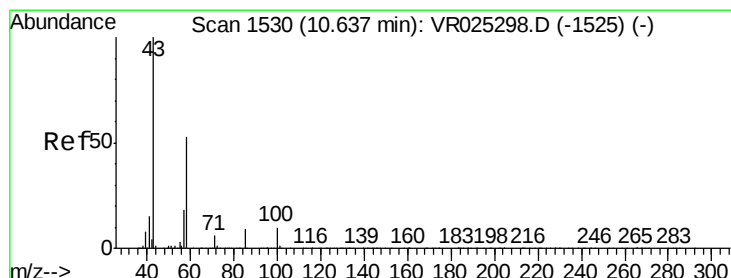
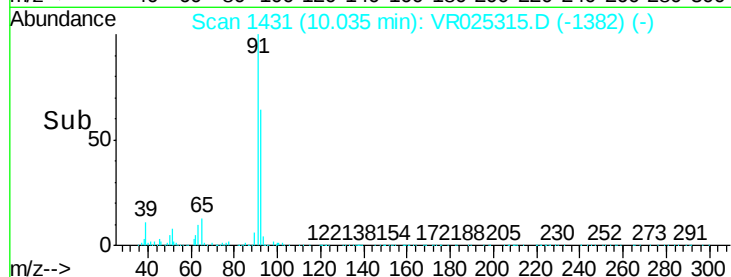
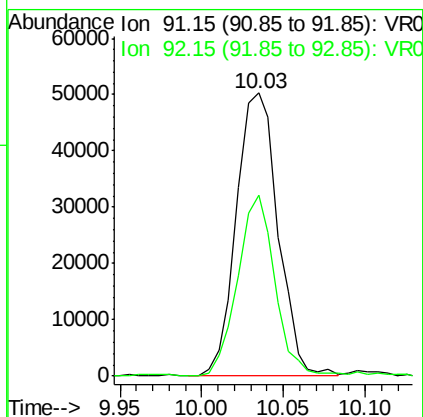
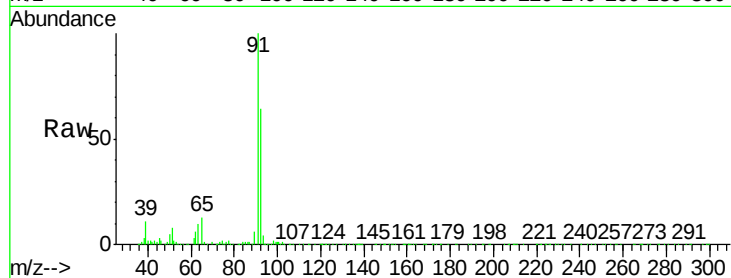
ESWE7

Tgt Ion: 91 Resp: 89359

Ion Ratio Lower Upper

91 100

92 64.0 41.9 77.7



#48

2-Hexanone

Concen: 3.231 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025315.D

Acq: 15 Jun 2018 23:52

Tgt Ion: 43 Resp: 30022

Ion Ratio Lower Upper

43 100

58 26.8 43.1 64.7#

57 24.1 15.3 22.9#

100 3.0 7.9 11.9#

