

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025329.D
 Acq On : 16 Jun 2018 18:05
 Operator : SY/MD
 Sample : J3549-18MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF1MSD

Quant Time: Jun 18 02:41:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	563348	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	95227	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	2.63	69	77096	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	3.63	63	226973	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	6.59	46	231616	45.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.06%
24) Chloroform-d	7.20	84	339161	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.89	65	140841	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	7.86	84	762841	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	226546	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	638914	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.24	79	42725	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	10.59	63	227050	53.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94958	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	140417	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

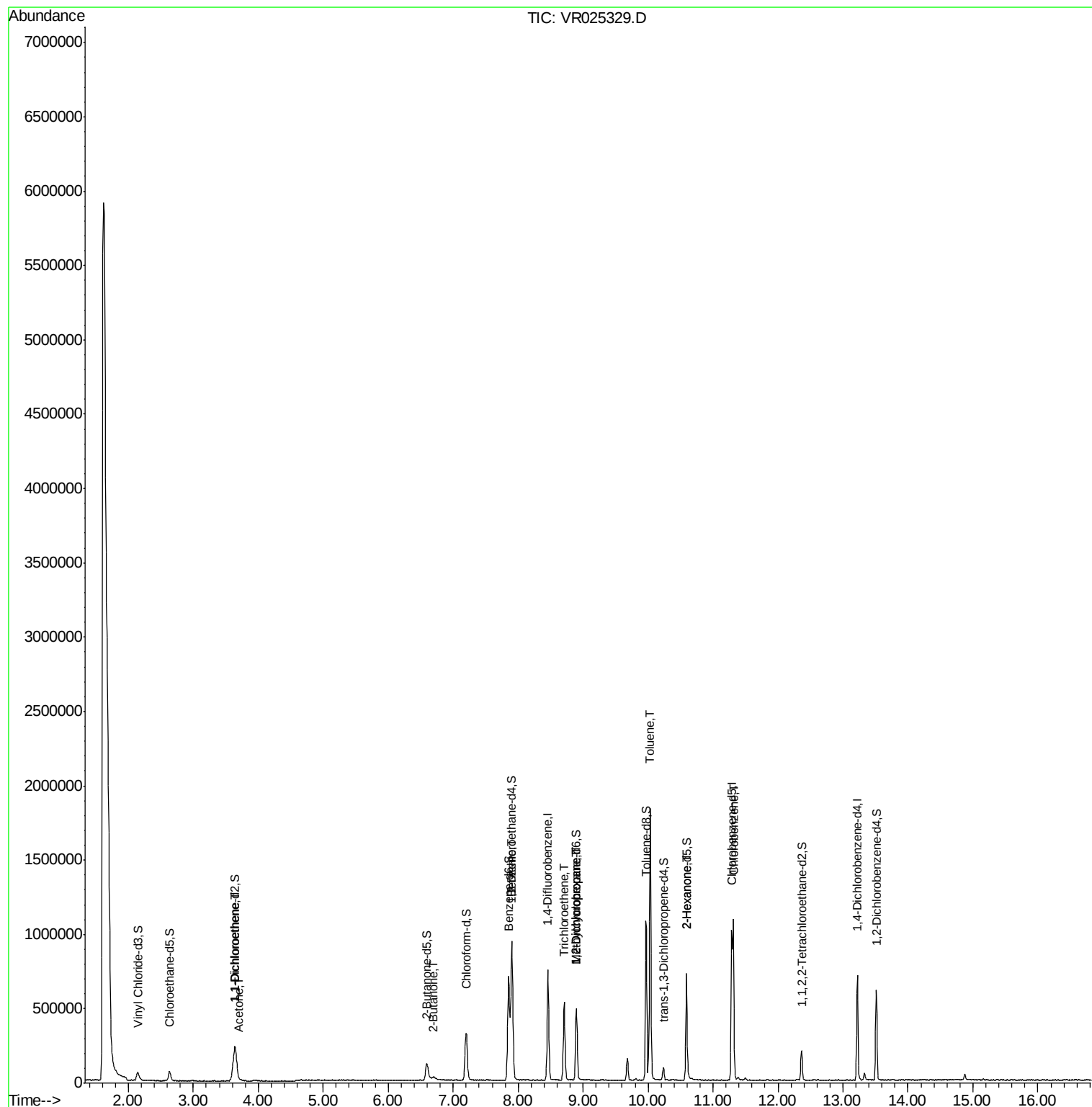
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	80441	4.062	ug/L	89
13) Acetone	3.70	43	9333	4.018	ug/L	77
21) 2-Butanone	6.69	43	1567	0.285	ug/L	92
33) Benzene	7.91	78	804503	4.288	ug/L	100
34) Trichloroethene	8.71	95	188874	4.161	ug/L	98
35) Methylcyclohexane	8.90	83	49131	0.686	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	22591	0.542	ug/L #	96
42) Toluene	10.03	91	1238522	6.160	ug/L	99
48) 2-Hexanone	10.59	43	28677	3.333	ug/L #	76
51) Chlorobenzene	11.31	112	479944	4.457	ug/L	99

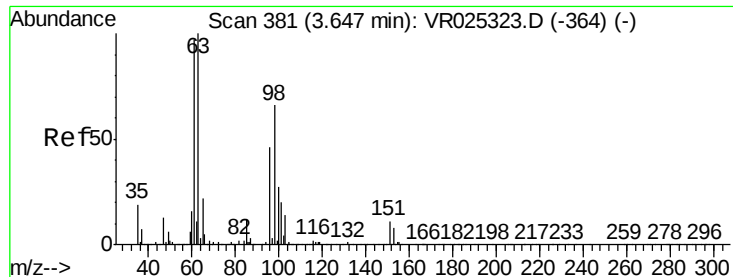
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 02:40:54 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.062 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.01 min

Lab File: VR025329.D

Acq: 16 Jun 2018 18:05

Instrument :

MSVOA_R

ClientSampleId :

ESWF1MSD

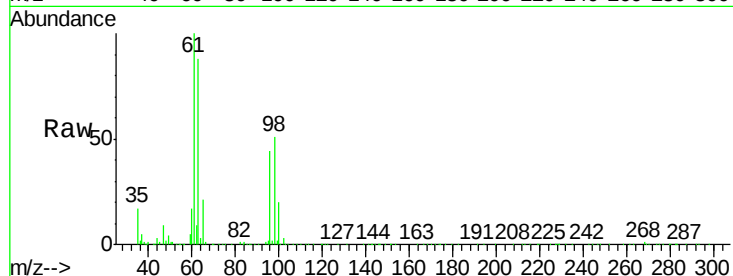
Tgt Ion: 96 Resp: 80441

Ion Ratio Lower Upper

96 100

61 228.7 155.0 287.9

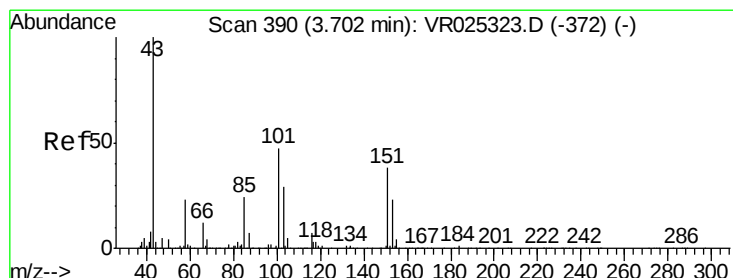
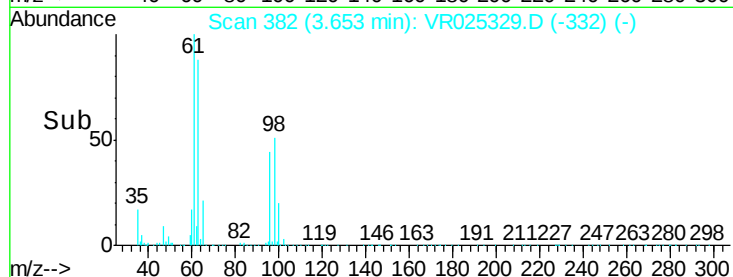
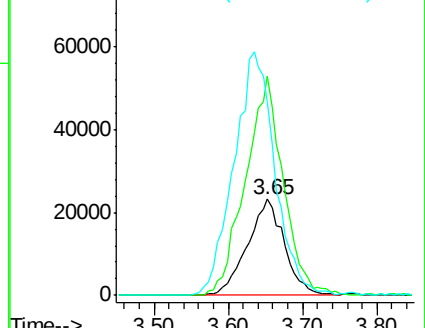
63 201.0 122.3 227.1



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: 4.018 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025329.D

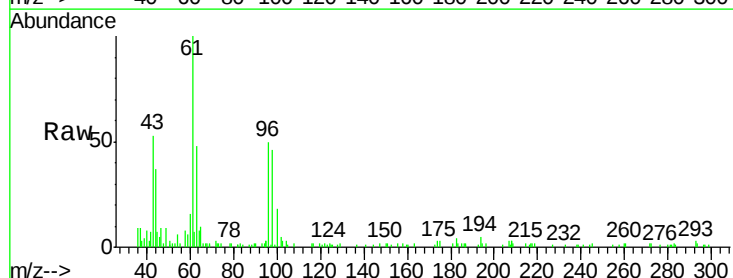
Acq: 16 Jun 2018 18:05

Tgt Ion: 43 Resp: 9333

Ion Ratio Lower Upper

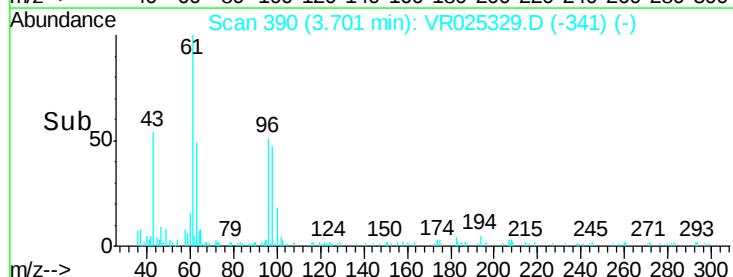
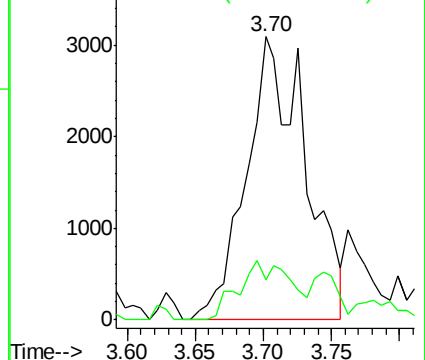
43 100

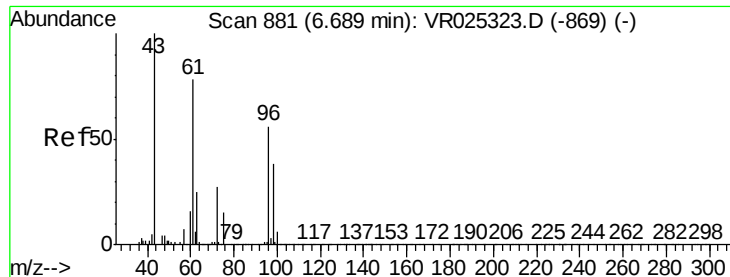
58 9.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 0.285 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025329.D

Acq: 16 Jun 2018 18:05

Instrument :

MSVOA_R

ClientSampleId :

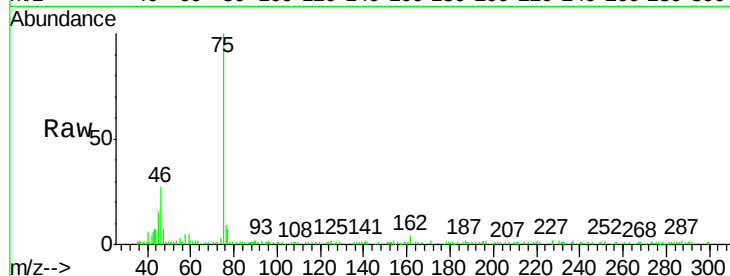
ESWF1MSD

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

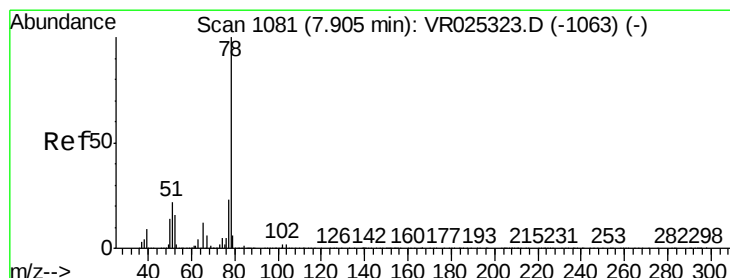
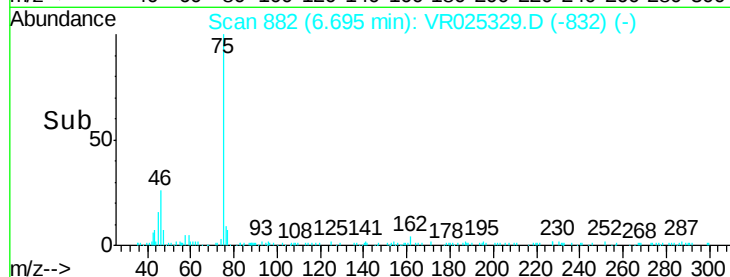
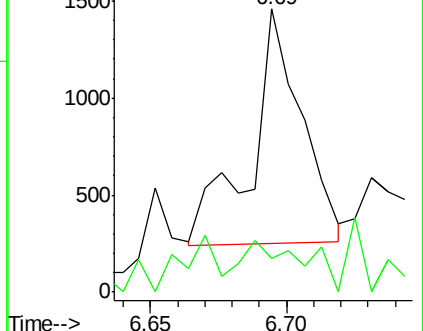
43 100

72 21.6 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#33

Benzene

Concen: 4.288 ug/L

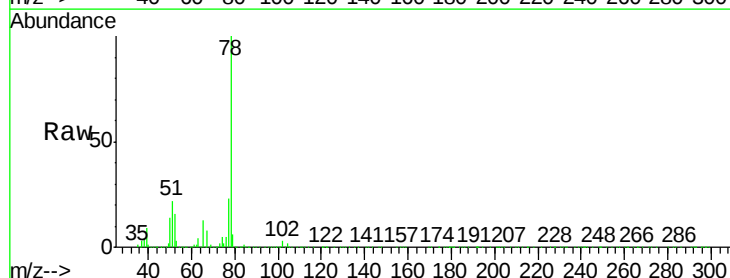
RT: 7.91 min Scan# 1081

Delta R.T. -0.00 min

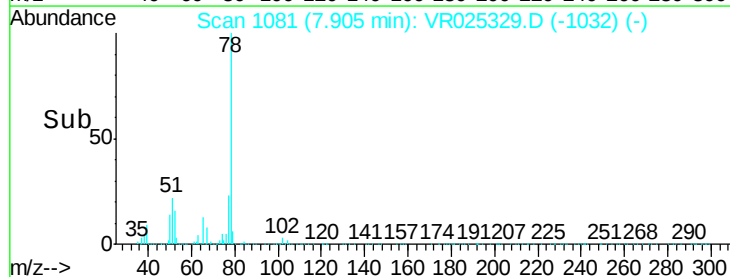
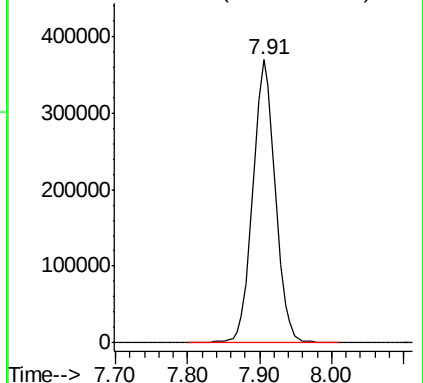
Lab File: VR025329.D

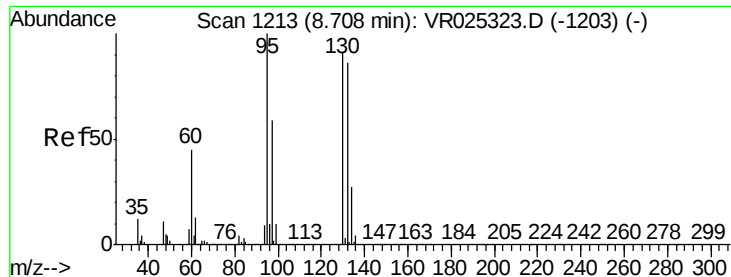
Acq: 16 Jun 2018 18:05

Tgt Ion: 78 Resp: 804503



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 4.161 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025329.D

Acq: 16 Jun 2018 18:05

Instrument :

MSVOA_R

ClientSampleId :

ESWF1MSD

Tgt Ion: 95 Resp: 188874

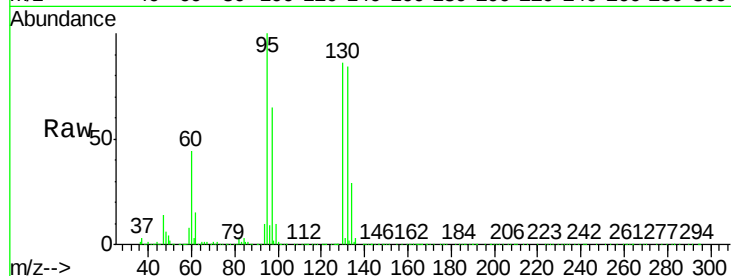
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.6

132 83.9 60.9 113.1

130 86.2 62.0 115.2

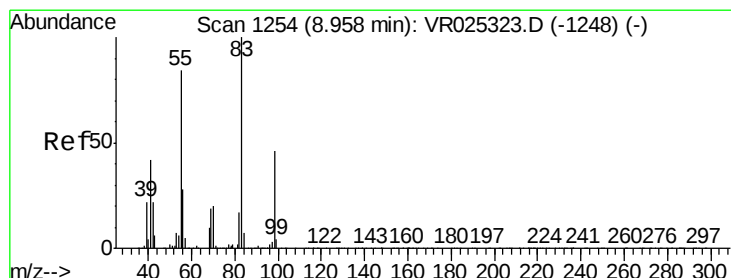
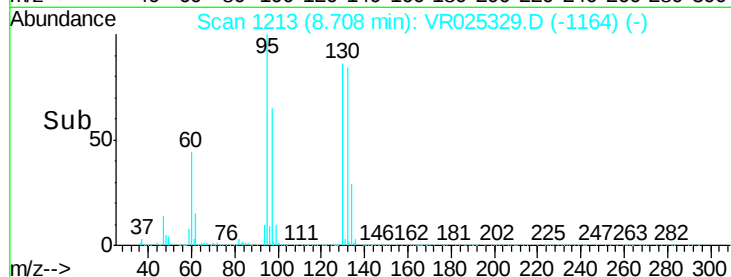
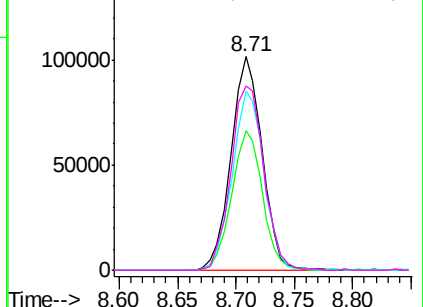


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.686 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025329.D

Acq: 16 Jun 2018 18:05

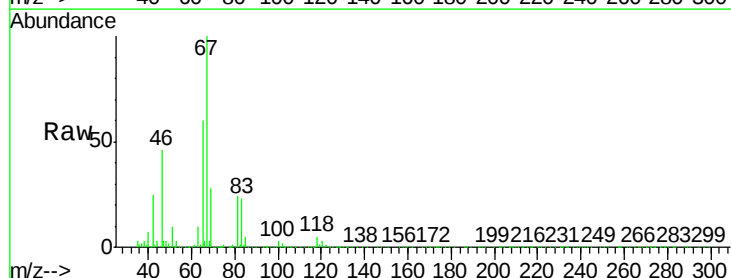
Tgt Ion: 83 Resp: 49131

Ion Ratio Lower Upper

83 100

55 0.8 66.1 99.1#

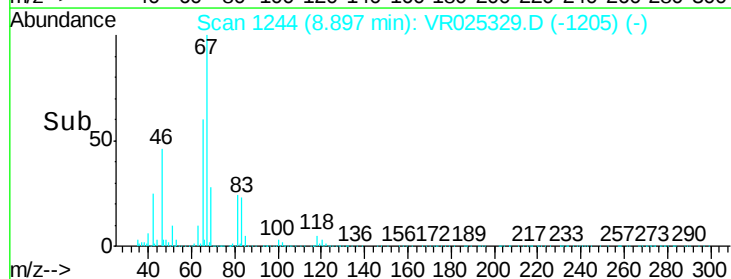
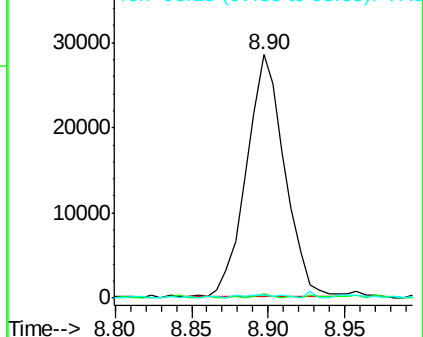
98 1.5 36.2 54.4#

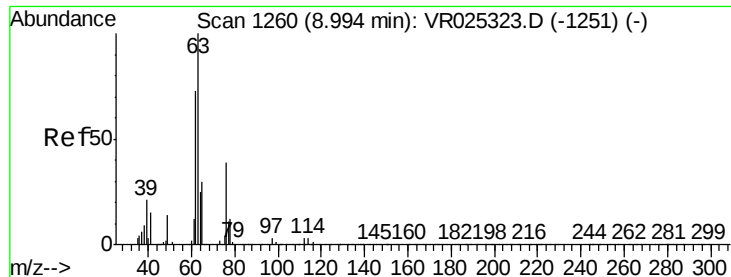


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

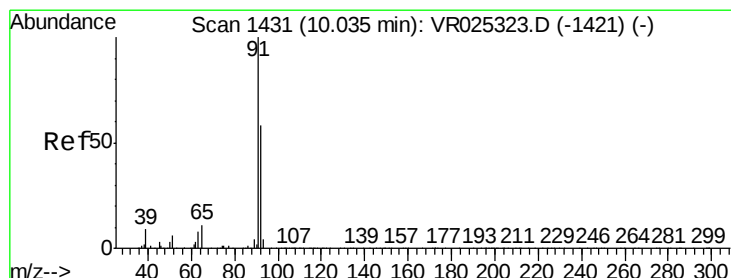
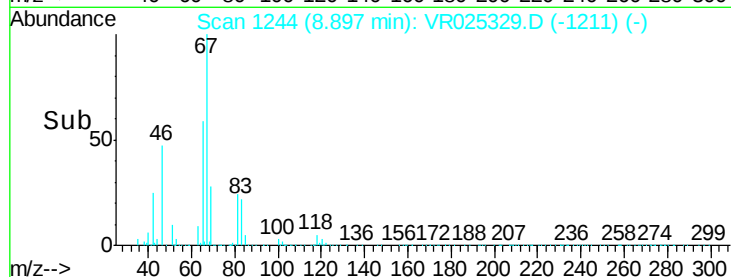
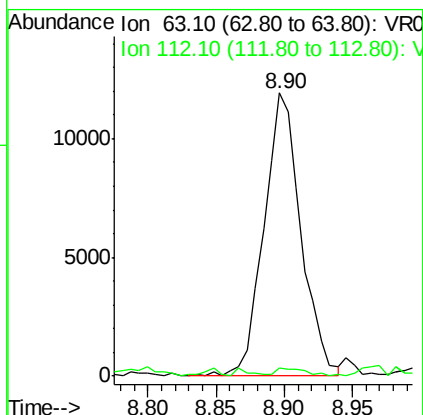
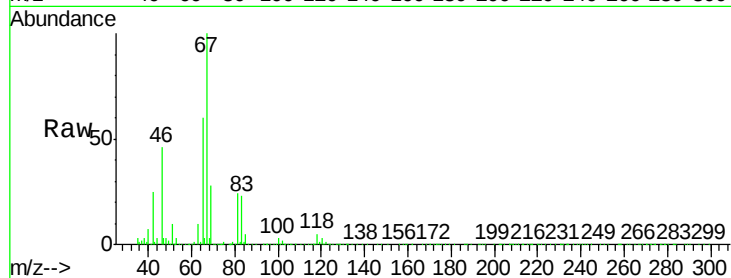




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025329.D
 Acq: 16 Jun 2018 18:05

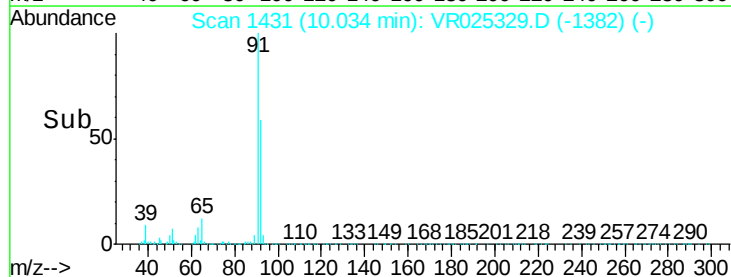
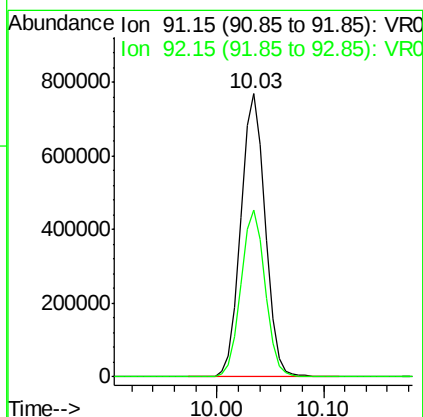
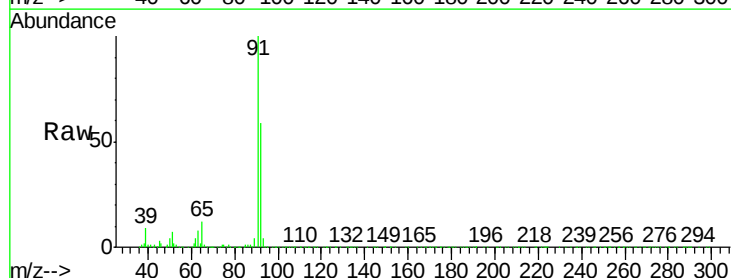
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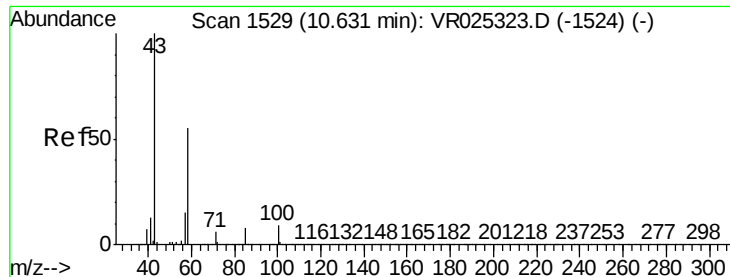
Tgt Ion: 63 Resp: 22591
 Ion Ratio Lower Upper
 63 100
 112 2.4 2.9 4.3#



#42
 Toluene
 Concen: 6.160 ug/L
 RT: 10.03 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VR025329.D
 Acq: 16 Jun 2018 18:05

Tgt Ion: 91 Resp: 1238522
 Ion Ratio Lower Upper
 91 100
 92 58.8 41.9 77.7

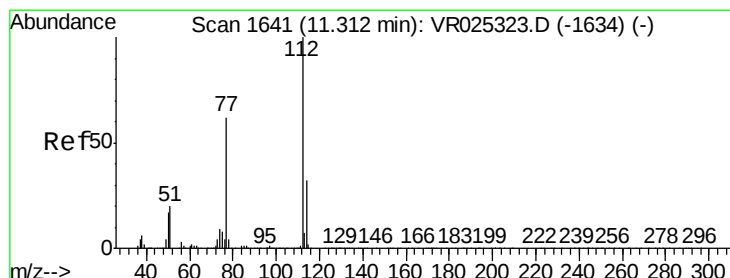
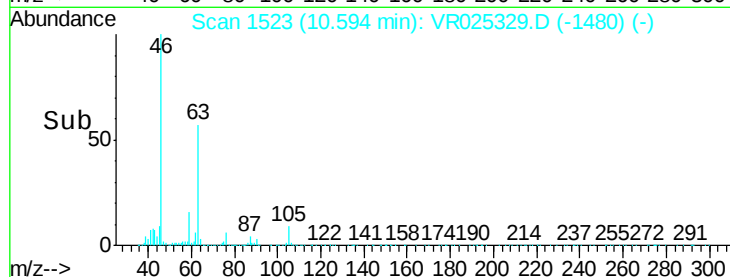
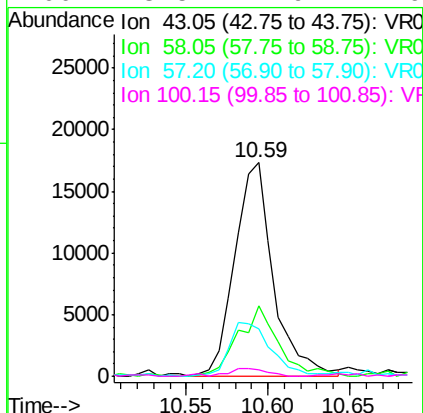
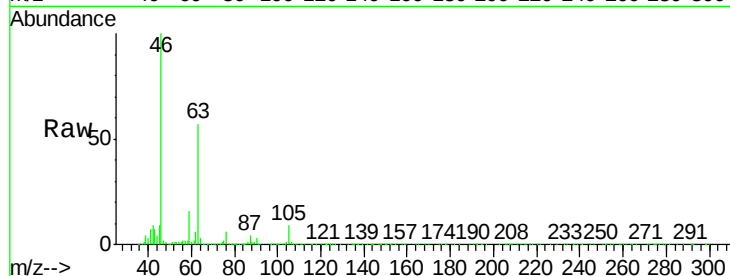




#48
2-Hexanone
Concen: 3.333 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025329.D
Acq: 16 Jun 2018 18:05

Instrument :
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ClientSampleId :
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Tgt Ion:	43	Resp:	28677
Ion	Ratio	Lower	Upper
43	100		
58	34.5	43.1	64.7#
57	27.3	15.3	22.9#
100	3.5	7.9	11.9#



#51
Chlorobenzene
Concen: 4.457 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VR025329.D
Acq: 16 Jun 2018 18:05

Tgt Ion:	112	Resp:	479944
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.6	40.0
77	64.7	51.9	77.9

