

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025352.D
 Acq On : 17 Jun 2018 8:18
 Operator : SY/MD
 Sample : J3513-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE8

Quant Time: Jun 18 04:10:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	544138	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70265	3.79	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	2.63	69	60973	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.63	63	132241	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	6.59	46	270447	54.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.88%
24) Chloroform-d	7.20	84	295768	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	7.89	65	116674	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.86	84	588770	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	8.90	67	189618	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	9.97	98	462692	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	10.23	79	21681	1.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	37.60%#
46) 2-Hexanone-d5	10.59	63	207164	51.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89701	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	111473	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

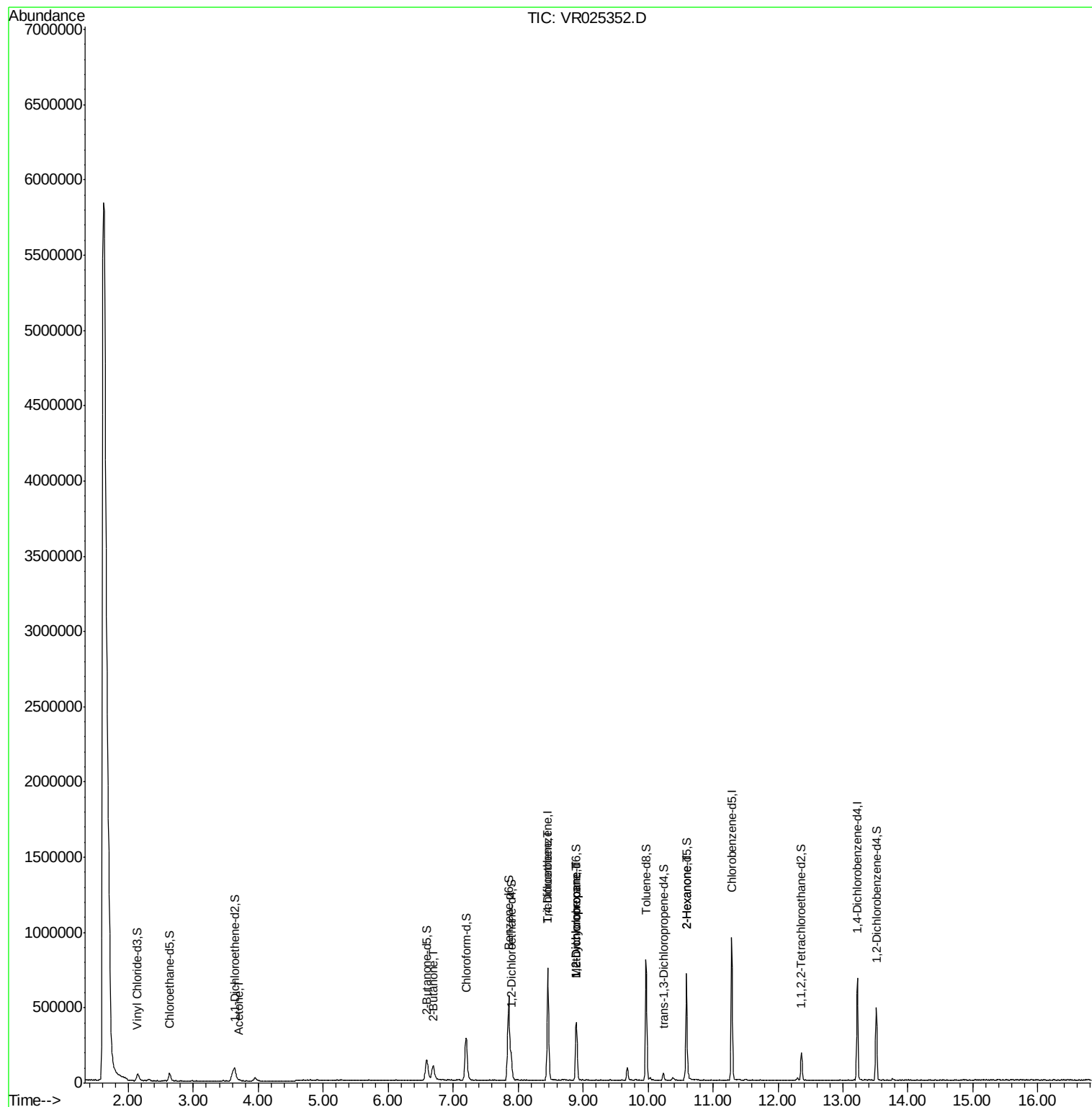
					Qvalue
13) Acetone	3.70	43	12951	5.772 ug/L	91
21) 2-Butanone	6.69	43	7088	1.337 ug/L #	68
34) Trichloroethene	8.46	95	16017	0.374 ug/L #	10
35) Methylcyclohexane	8.90	83	40489	0.599 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	18397	0.467 ug/L #	93
48) 2-Hexanone	10.59	43	27638	3.404 ug/L #	79

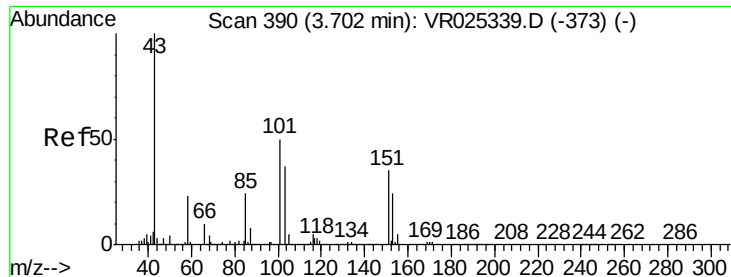
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.772 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

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Acq: 17 Jun 2018 8:18

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ClientSampleId :

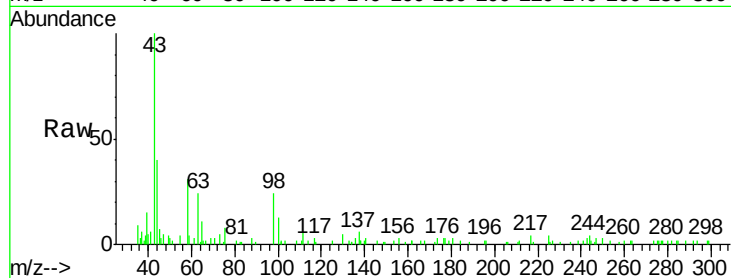
C0KE8

Tgt Ion: 43 Resp: 12951

Ion Ratio Lower Upper

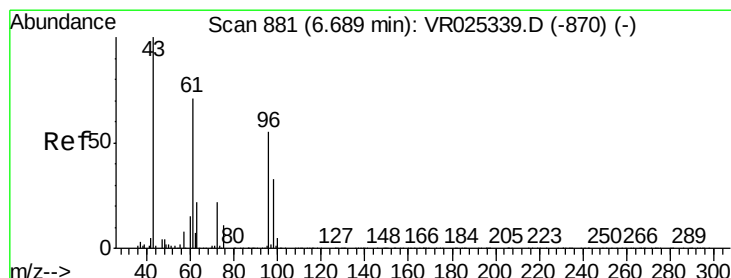
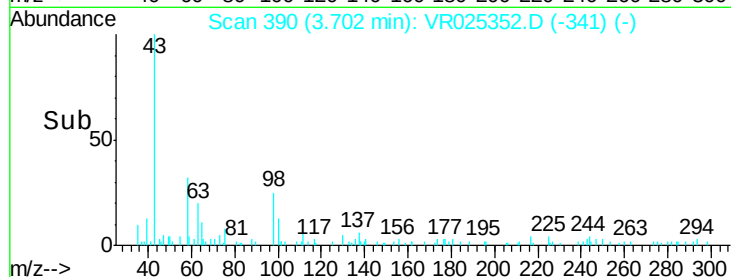
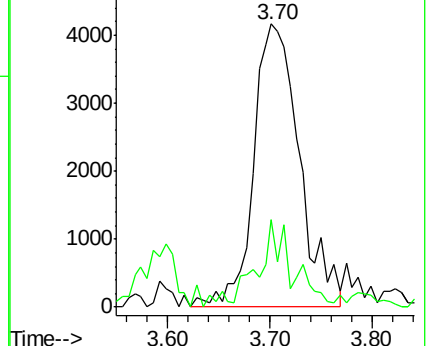
43 100

58 16.5 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: 1.337 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025352.D

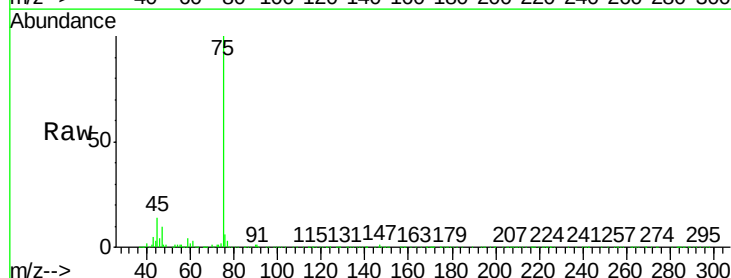
Acq: 17 Jun 2018 8:18

Tgt Ion: 43 Resp: 7088

Ion Ratio Lower Upper

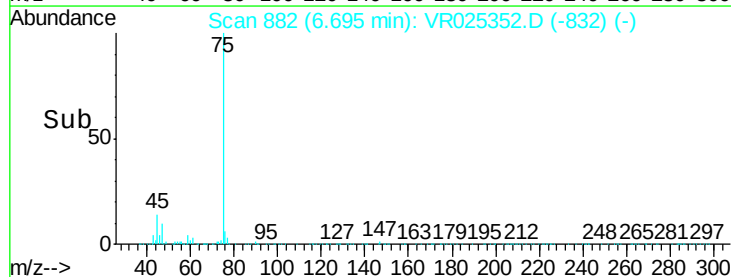
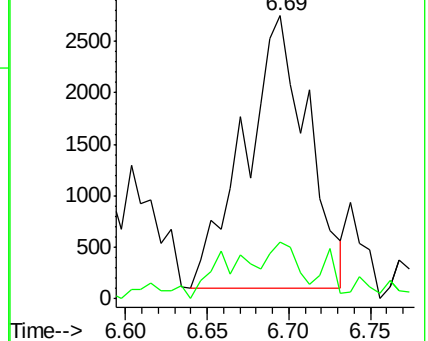
43 100

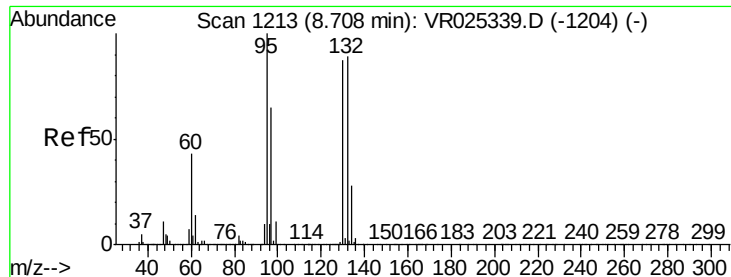
72 9.7 13.0 38.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.374 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

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ClientSampleId :

C0KE8

Tgt Ion: 95 Resp: 16017

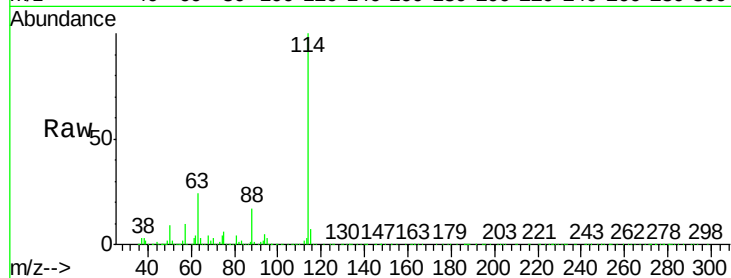
Ion Ratio Lower Upper

95 100

97 2.7 45.6 84.6#

132 1.2 60.9 113.1#

130 0.8 62.0 115.2#

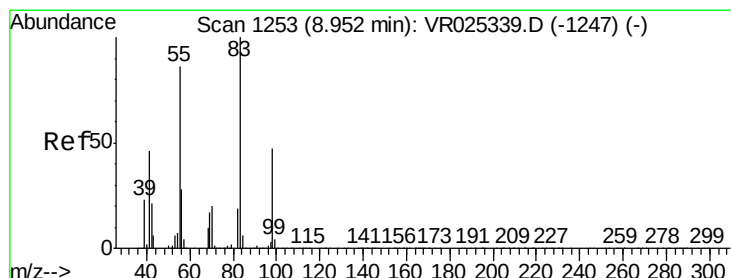
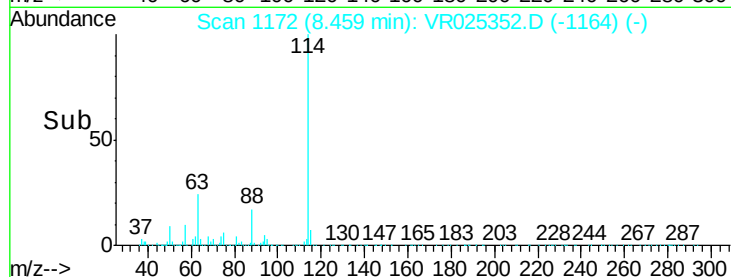
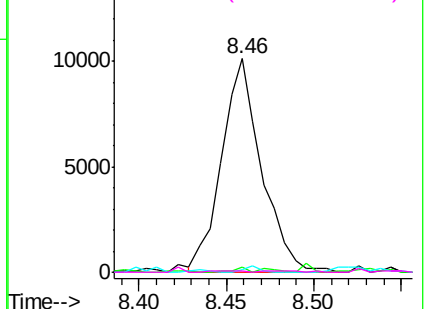


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.599 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025352.D

Acq: 17 Jun 2018 8:18

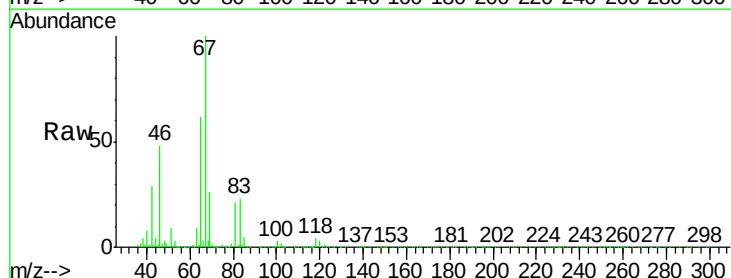
Tgt Ion: 83 Resp: 40489

Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

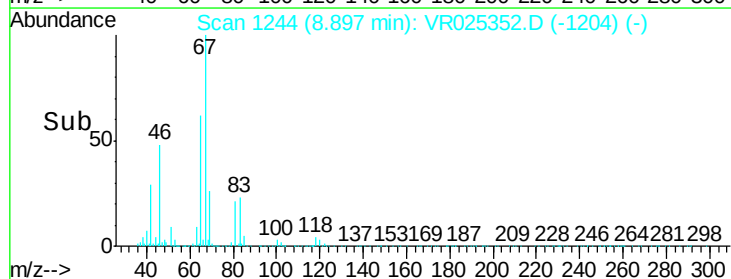
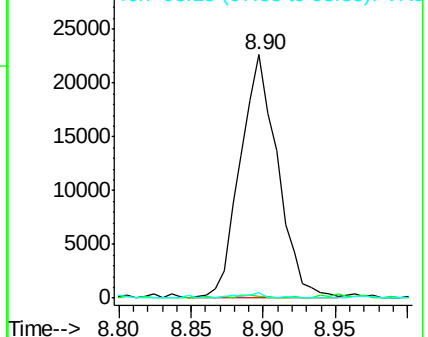
98 1.1 36.2 54.4#

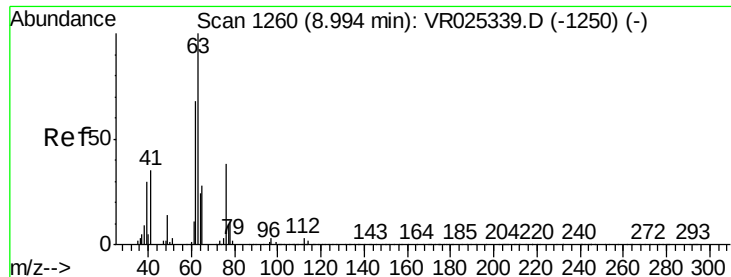


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

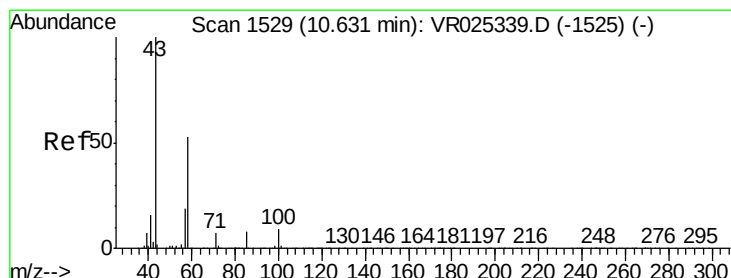
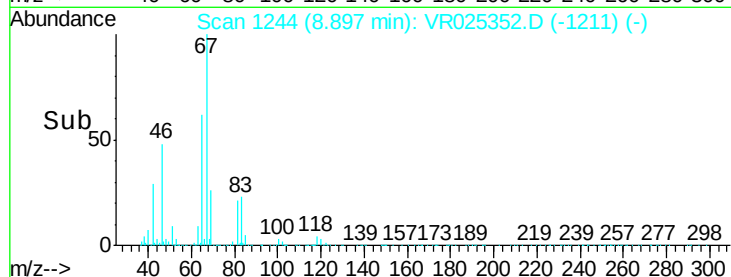
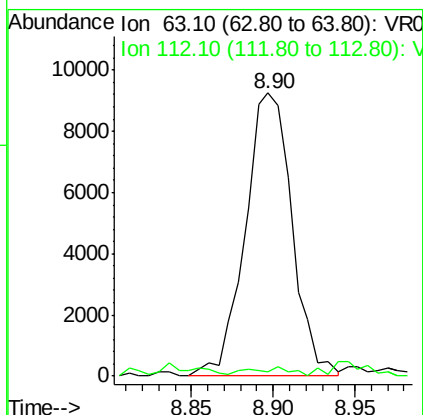
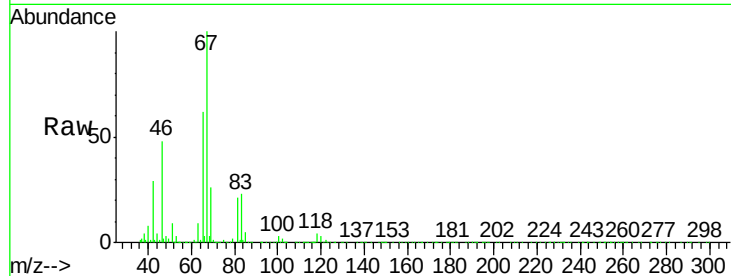




#37
 1,2-Dichloropropane
 Concen: 0.467 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025352.D
 Acq: 17 Jun 2018 8:18

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Tgt Ion: 63 Resp: 18397
 Ion Ratio Lower Upper
 63 100
 112 1.2 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.404 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025352.D
 Acq: 17 Jun 2018 8:18

Tgt Ion: 43 Resp: 27638
 Ion Ratio Lower Upper
 43 100
 58 39.1 43.1 64.7#
 57 30.9 15.3 22.9#
 100 3.9 7.9 11.9#

