

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025506.D
 Acq On : 18 Jul 2018 14:50
 Operator : SY/MD
 Sample : J4002-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AH2

Quant Time: Jul 19 05:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	674157	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	550282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	190953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	79420	4.27	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	2.64	69	59250	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	3.64	63	156038	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	6.60	46	209342	36.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.52%
24) Chloroform-d	7.21	84	343524	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.80%
26) 1,2-Dichloroethane-d4	7.90	65	135429	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	7.86	84	723402	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	8.90	67	209032	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	9.97	98	633189	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	10.24	79	49861	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	186682	40.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	92194	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	146902	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

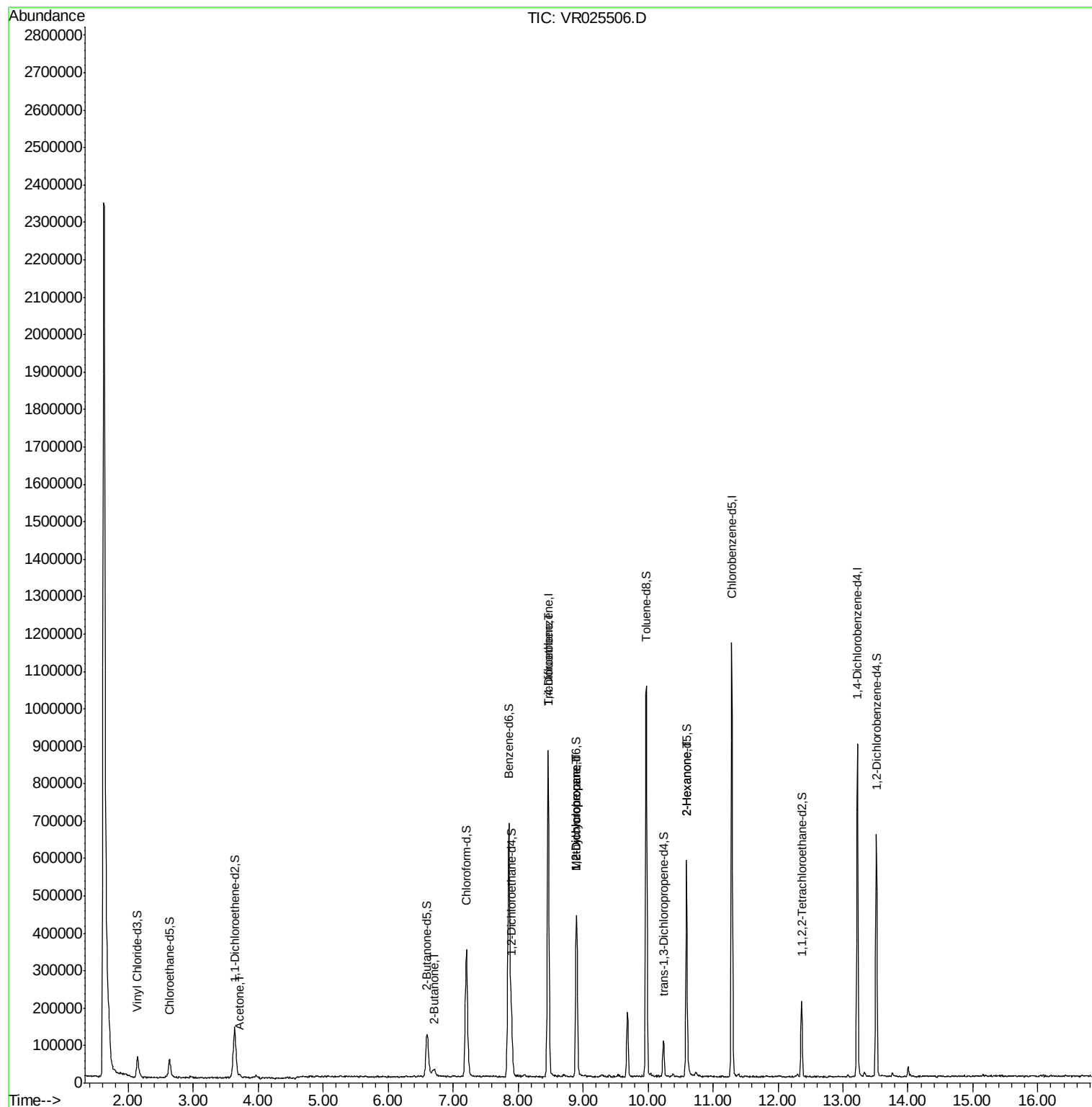
					Qvalue
13) Acetone	3.71	43	10541	4.053	ug/L 97
21) 2-Butanone	6.70	43	3044	0.502	ug/L 89
34) Trichloroethene	8.47	95	20872	0.432	ug/L # 10
35) Methylcyclohexane	8.90	83	47837	0.741	ug/L # 19
37) 1,2-Dichloropropane	8.90	63	22287	0.505	ug/L # 94
48) 2-Hexanone	10.59	43	23406	2.663	ug/L # 68

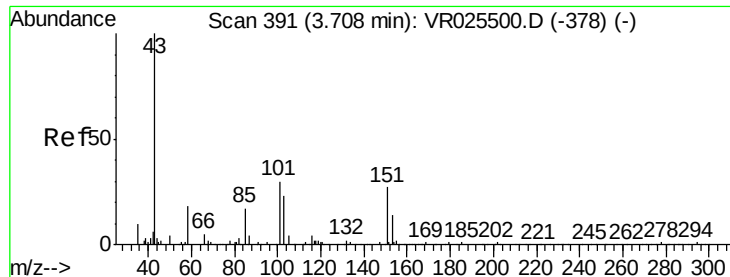
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.053 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025506.D

Acq: 18 Jul 2018 14:50

Instrument :

MSVOA_R

ClientSampled :

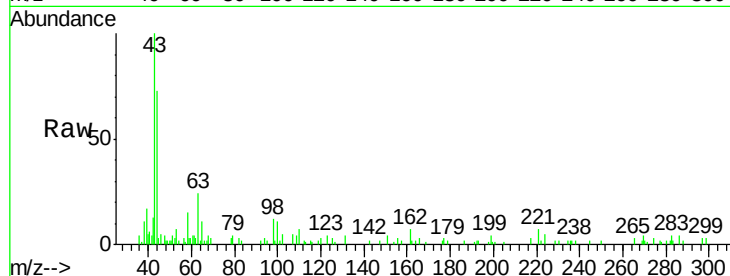
C0AH2

Tgt Ion: 43 Resp: 10541

Ion Ratio Lower Upper

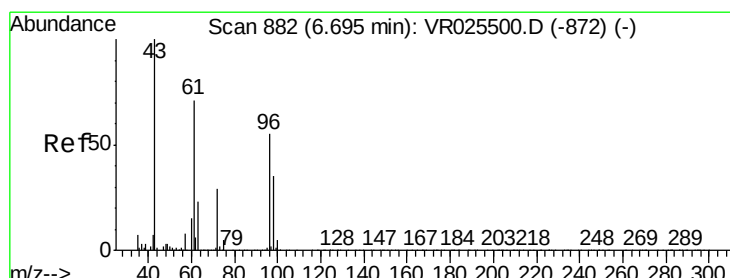
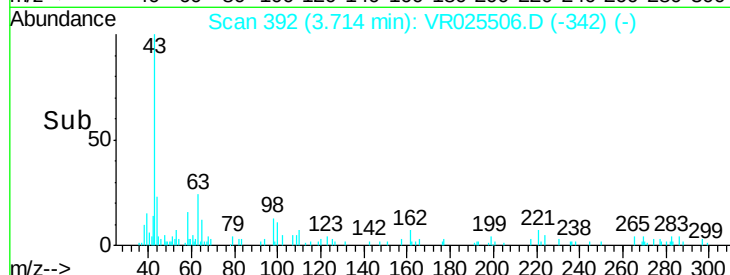
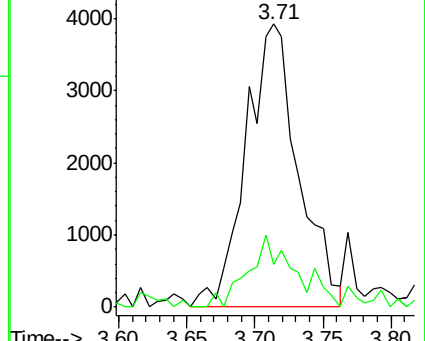
43 100

58 19.5 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: 0.502 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025506.D

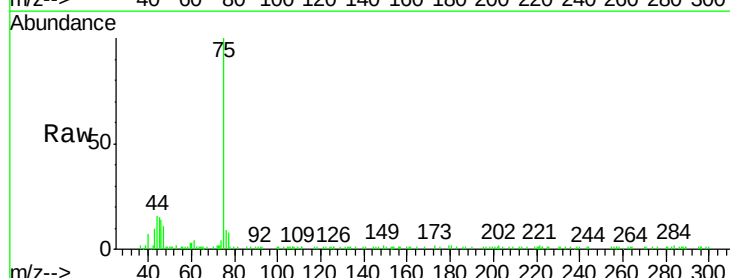
Acq: 18 Jul 2018 14:50

Tgt Ion: 43 Resp: 3044

Ion Ratio Lower Upper

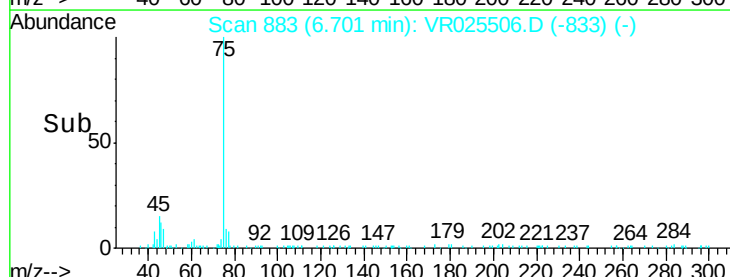
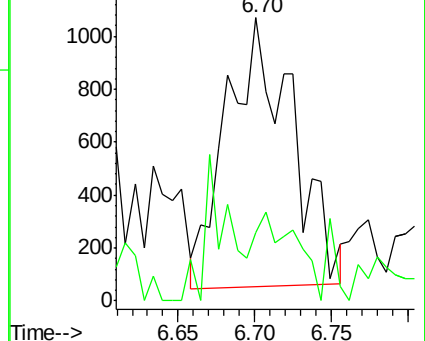
43 100

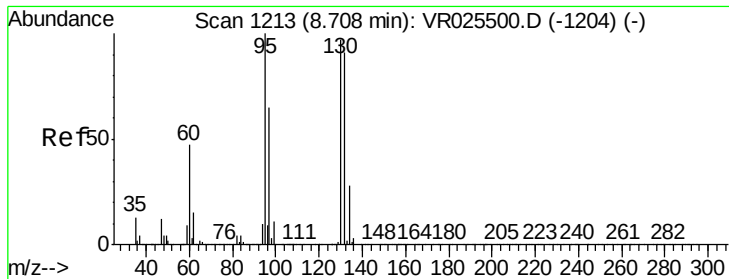
72 20.1 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.432 ug/L

RT: 8.47 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025506.D

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Instrument :

MSVOA_R

ClientSampleId :

C0AH2

Tgt Ion: 95 Resp: 20872

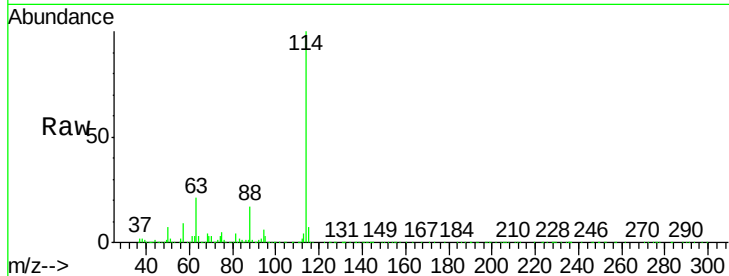
Ion Ratio Lower Upper

95 100

97 2.8 45.6 84.6#

132 0.0 60.9 113.1#

130 0.5 62.0 115.2#

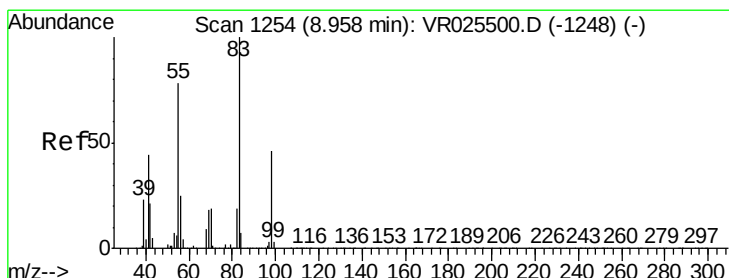
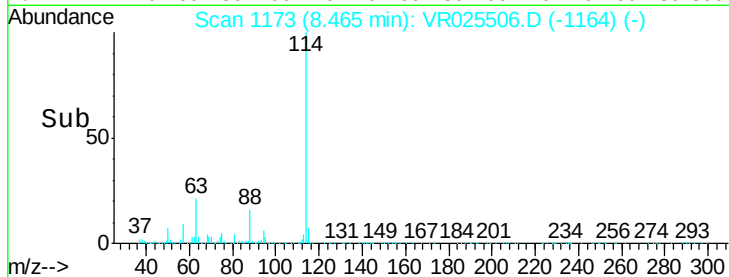
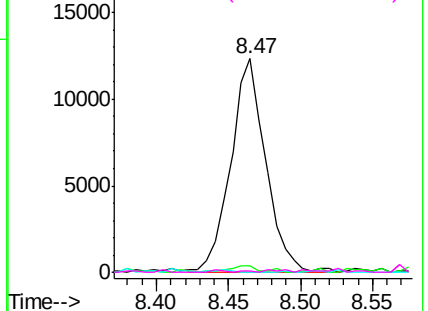


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.741 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025506.D

Acq: 18 Jul 2018 14:50

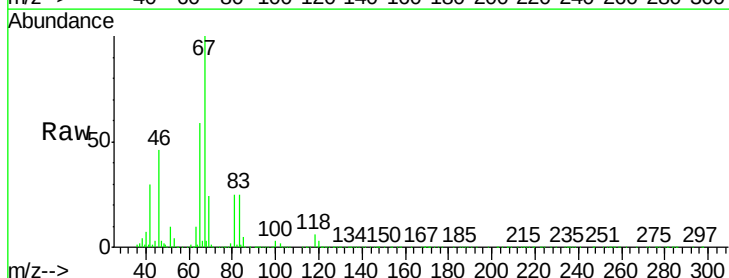
Tgt Ion: 83 Resp: 47837

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

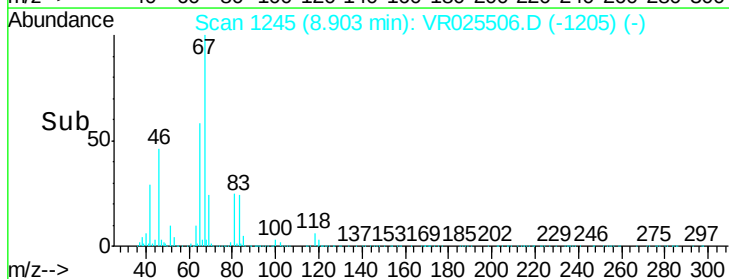
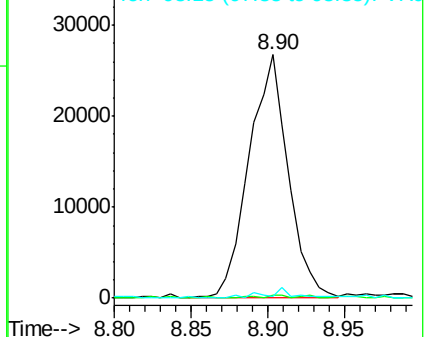
98 3.0 36.2 54.4#

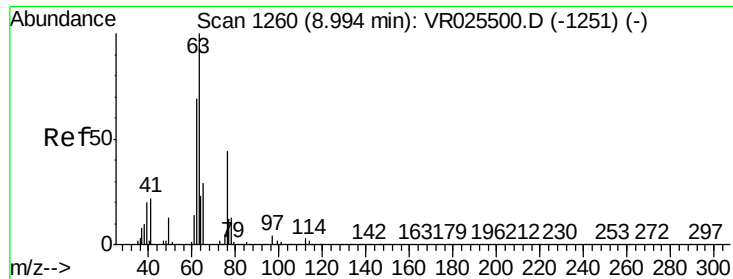


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

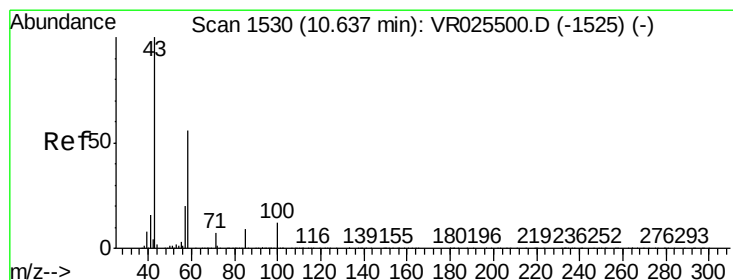
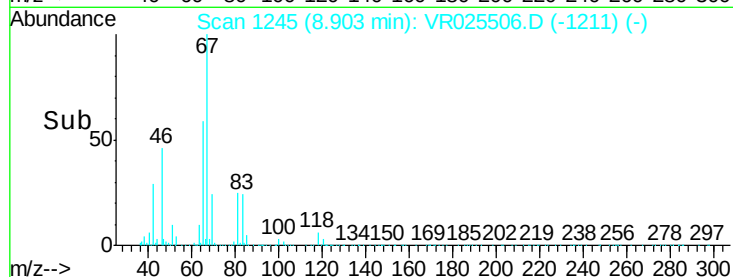
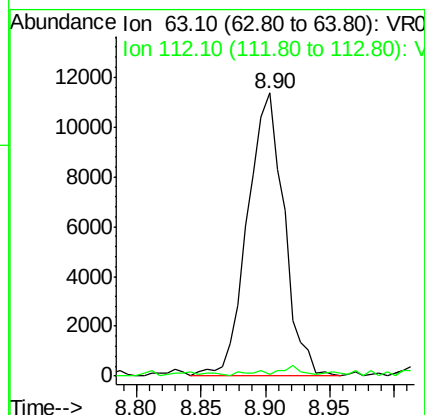
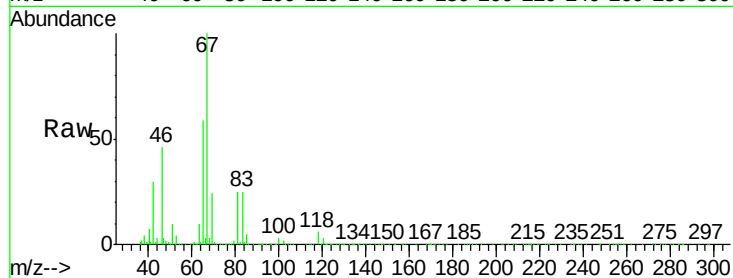




#37
 1,2-Dichloropropane
 Concen: 0.505 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025506.D
 Acq: 18 Jul 2018 14:50

Instrument :
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 C0AH2

Tgt Ion: 63 Resp: 22287
 Ion Ratio Lower Upper
 63 100
 112 1.5 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.663 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025506.D
 Acq: 18 Jul 2018 14:50

Tgt Ion: 43 Resp: 23406
 Ion Ratio Lower Upper
 43 100
 58 29.8 43.1 64.7#
 57 35.3 15.3 22.9#
 100 4.6 7.9 11.9#

