

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025697.D
 Acq On : 12 Sep 2018 16:46
 Operator : SY/MD
 Sample : J4863-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KL7

Quant Time: Sep 13 04:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	566677	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	502682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	153672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	98057	3.98	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	2.63	69	104334	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	3.63	63	207845	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	6.60	46	184751	74.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.56%#
24) Chloroform-d	7.20	84	307188	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	7.90	65	114138	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	7.86	84	651915	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	8.90	67	200971	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	9.97	98	542086	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	10.24	79	38873	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	220802	81.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	163.42%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95306	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	143917	6.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.20%#

Target Compounds

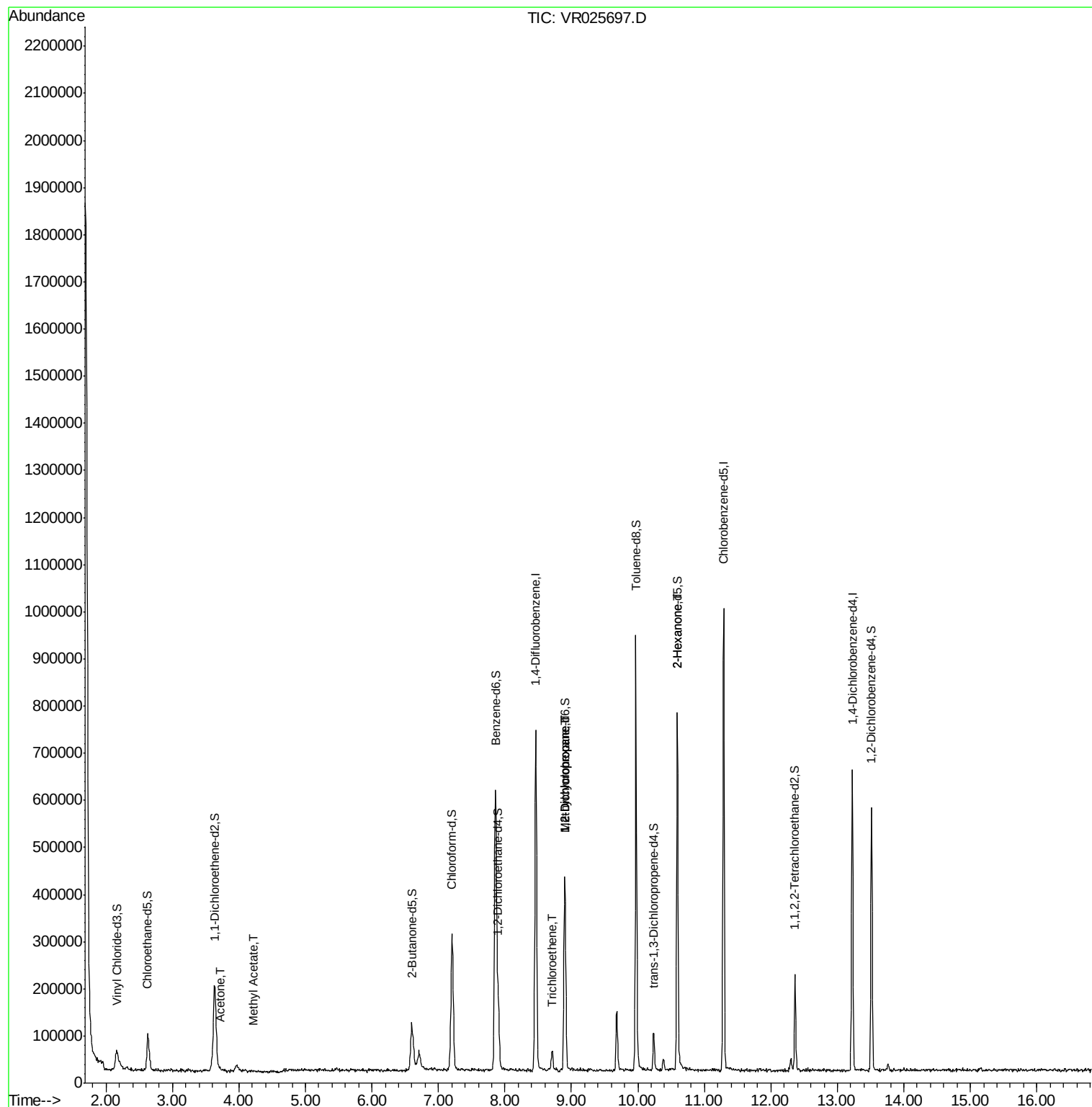
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.71	43	6898	4.12	ug/L	85
15) Methyl Acetate	4.21	43	908	0.15	ug/L	# 86
34) Trichloroethene	8.71	95	13203	0.30	ug/L	87
35) Methylcyclohexane	8.90	83	43797	0.65	ug/L	# 22
37) 1,2-Dichloropropane	8.90	63	18924	0.47	ug/L	# 91
48) 2-Hexanone	10.59	43	26107	3.73	ug/L	# 68

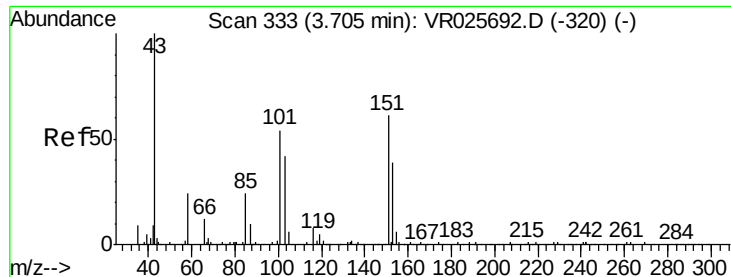
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.12 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025697.D

Acq: 12 Sep 2018 16:46

Instrument :

MSVOA_R

ClientSampleId :

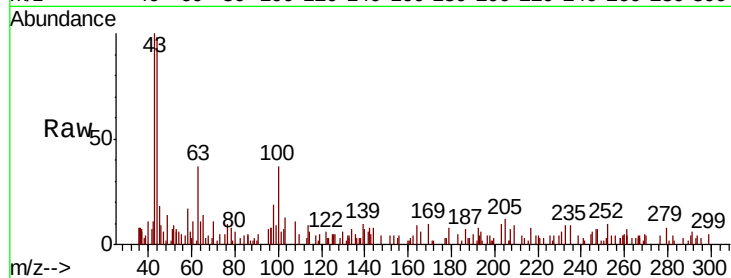
C0KL7

Tot Ion: 43 Resp: 6898

Ion Ratio Lower Upper

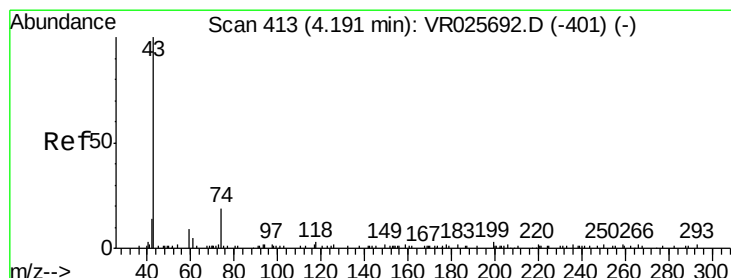
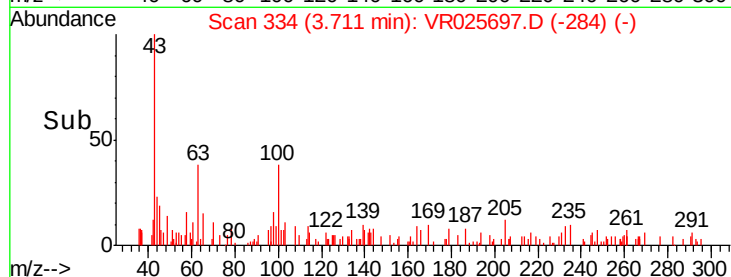
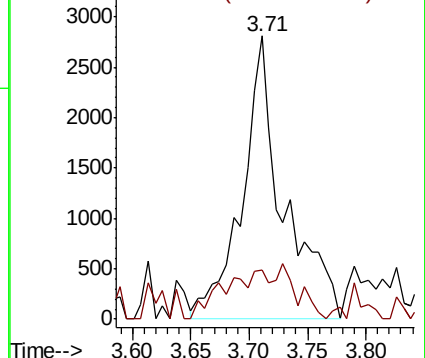
43 100

58 19.2 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.15 ug/L

RT: 4.21 min Scan# 416

Delta R.T. 0.02 min

Lab File: VR025697.D

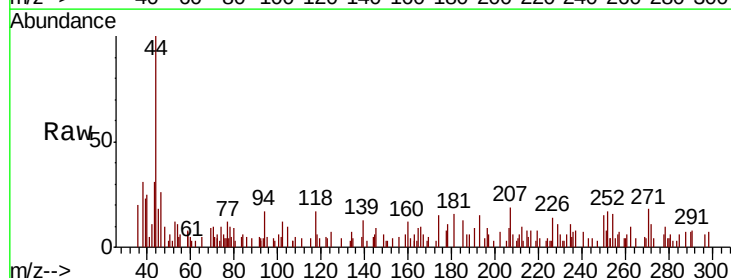
Acq: 12 Sep 2018 16:46

Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

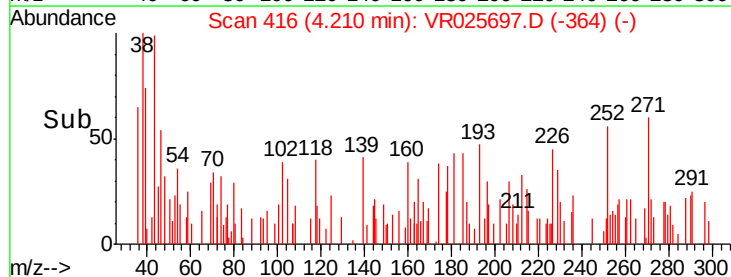
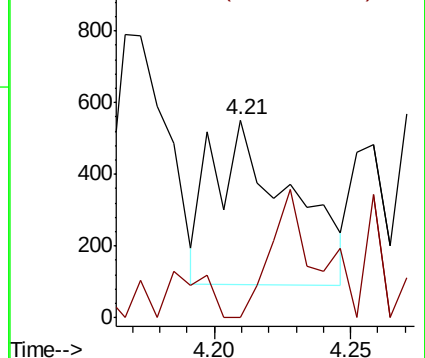
43 100

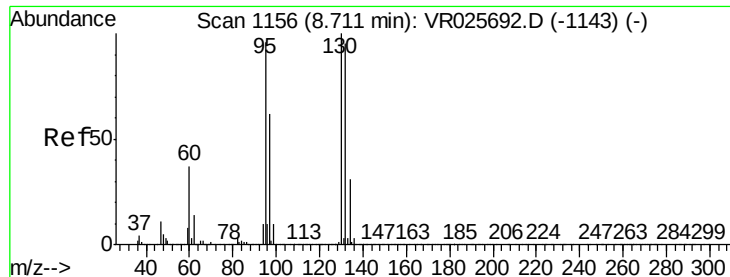
74 37.8 24.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#34

Trichloroethene

Concen: 0.30 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VR025697.D

Acq: 12 Sep 2018 16:46

Instrument :

MSVOA_R

ClientSampleId :

C0KL7

Tot Ion: 95 Resp: 13203

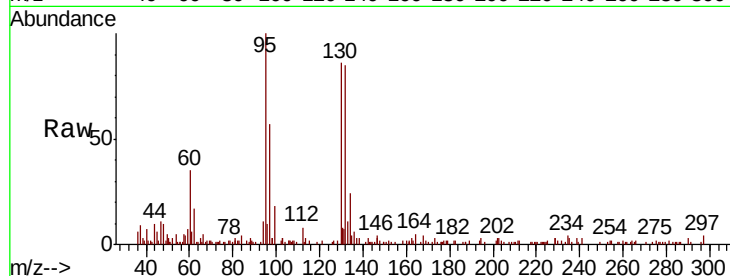
Ion Ratio Lower Upper

95 100

97 56.8 45.5 84.5

132 85.4 71.0 131.9

130 93.5 74.5 138.3

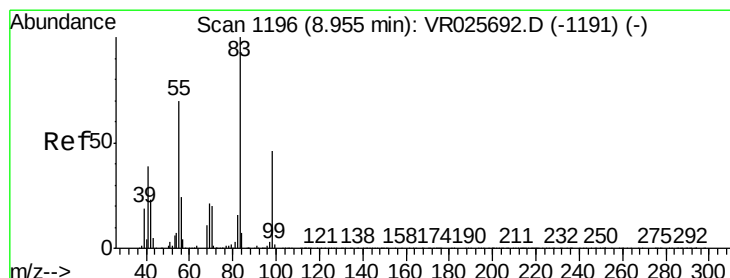
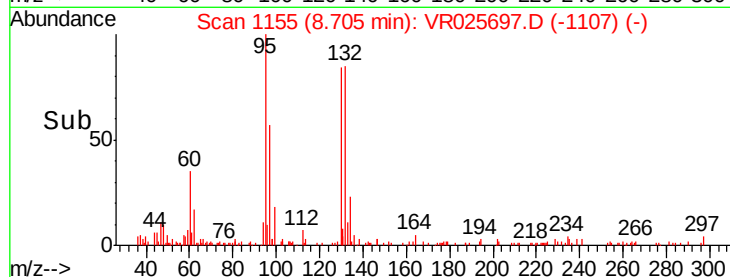
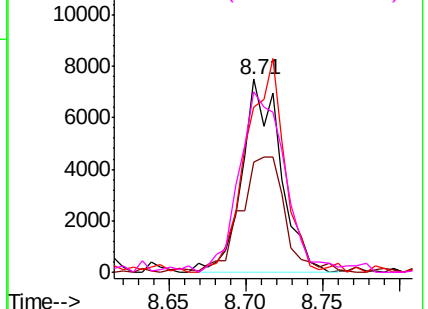


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.65 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025697.D

Acq: 12 Sep 2018 16:46

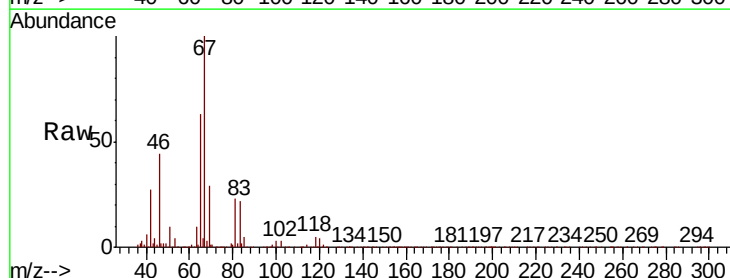
Tgt Ion: 83 Resp: 43797

Ion Ratio Lower Upper

83 100

55 0.8 58.9 88.3#

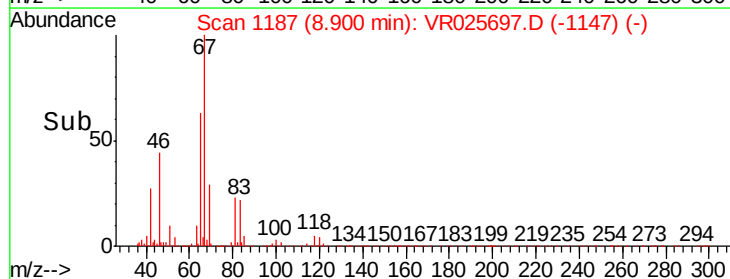
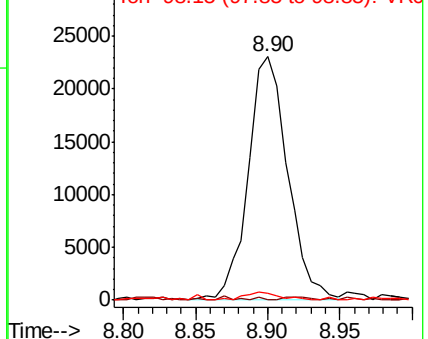
98 2.9 36.9 55.3#

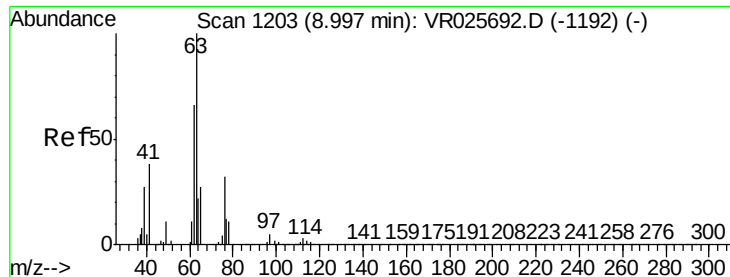


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

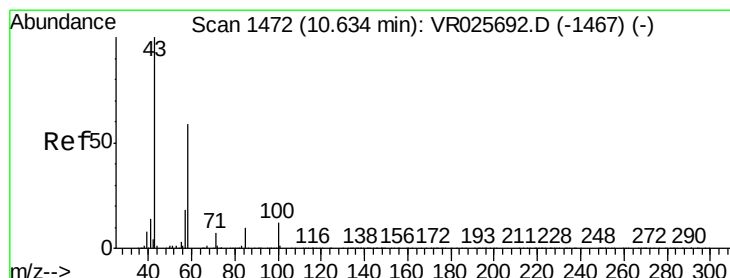
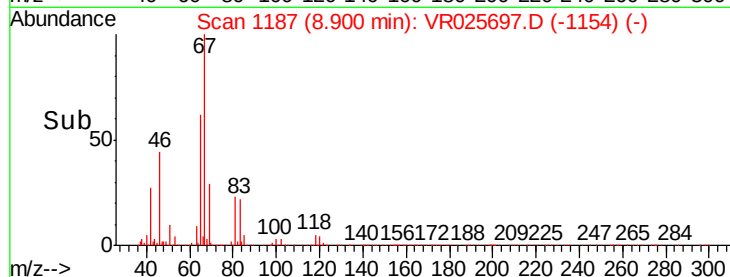
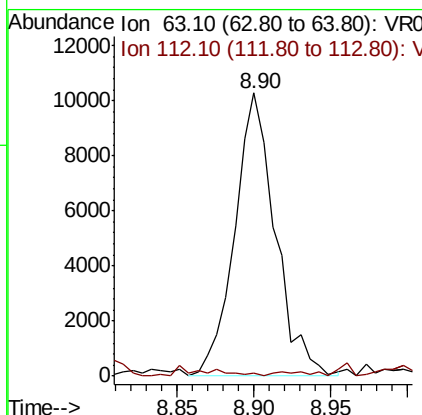
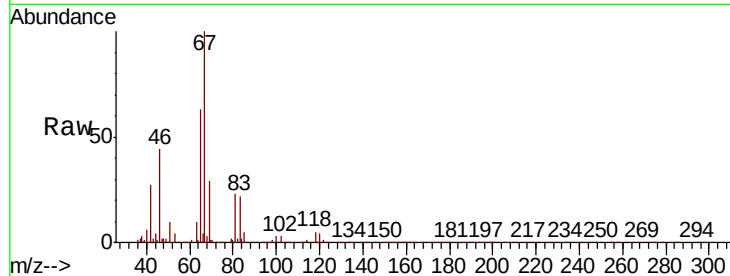




#37
 1,2-Dichloropropane
 Concen: 0.47 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025697.D
 Acq: 12 Sep 2018 16:46

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 C0KL7

Tot Ion: 63 Resp: 18924
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.73 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025697.D
 Acq: 12 Sep 2018 16:46

Tgt Ion: 43 Resp: 26107
 Ion Ratio Lower Upper
 43 100
 58 34.2 45.8 68.8#
 57 37.6 14.2 21.2#
 100 4.1 8.6 13.0#

