

Data File : VR025790.D
Acq On : 21 Sep 2018 00:52
Operator : SY/MD
Sample : J5010-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T08

Quant Time: Sep 21 07:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	502967	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	398701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	99400	4.63	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	2.62	69	91081	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	3.61	63	158404	2.67	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	6.58	46	211389	54.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.64%
24) Chloroform-d	7.20	84	269254	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.90	65	119076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.85	84	464413	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	8.89	67	143072	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	362692	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	10.23	79	38454	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	172344	49.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65987	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	85723	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

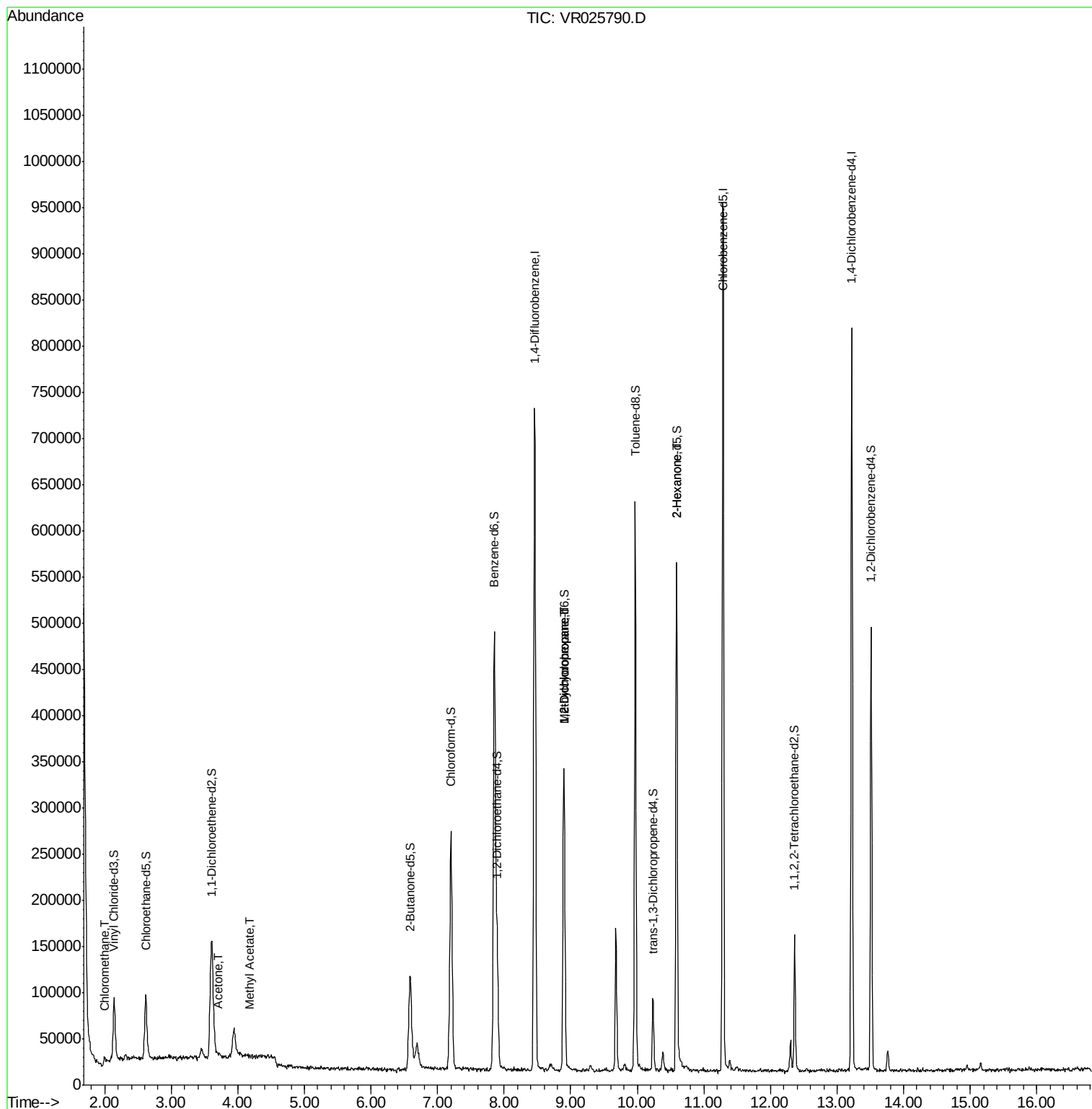
						Qvalue
3) Chloromethane	2.00	50	6225	0.111	ug/L	95
13) Acetone	3.70	43	10547	5.148	ug/L	86
15) Methyl Acetate	4.19	43	1241	0.139	ug/L	92
35) Methylcyclohexane	8.89	83	33104	0.363	ug/L #	17
37) 1,2-Dichloropropane	8.89	63	18706	0.427	ug/L #	90
48) 2-Hexanone	10.59	43	25903	2.511	ug/L #	73

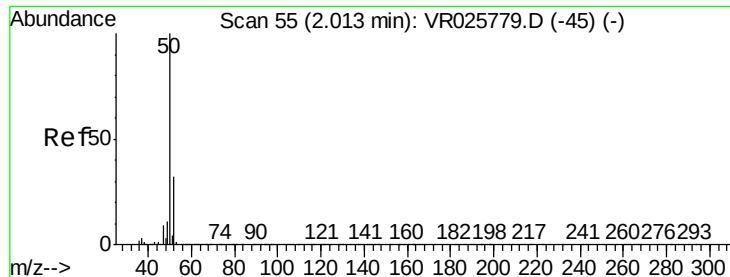
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 2.00 min Scan# 52

Delta R.T. -0.02 min

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Acq: 21 Sep 2018 00:52

Instrument :

MSVOA_R

ClientSampleId :

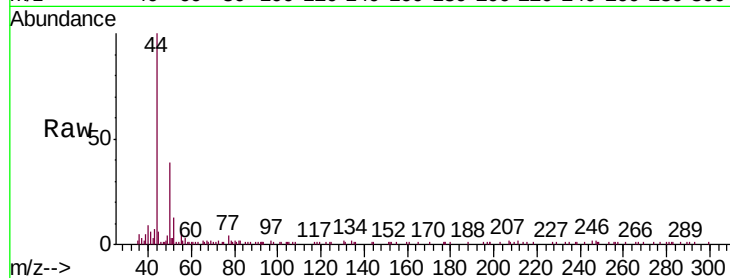
C0T08

Tgt Ion: 50 Resp: 6225

Ion Ratio Lower Upper

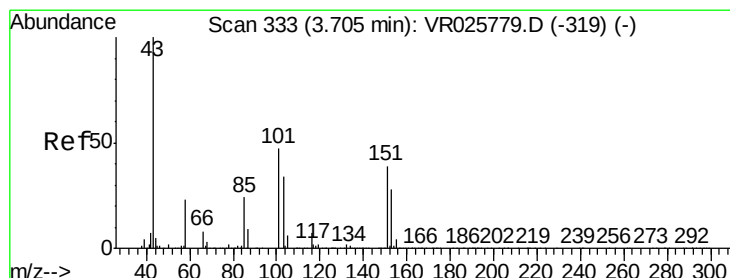
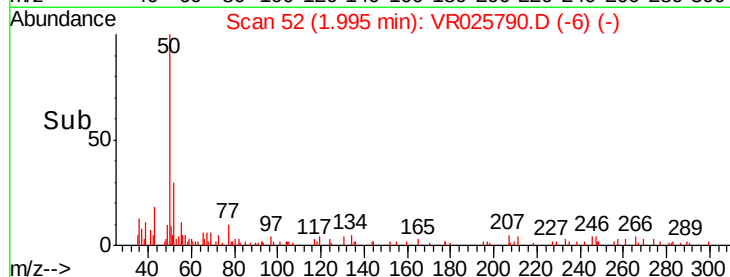
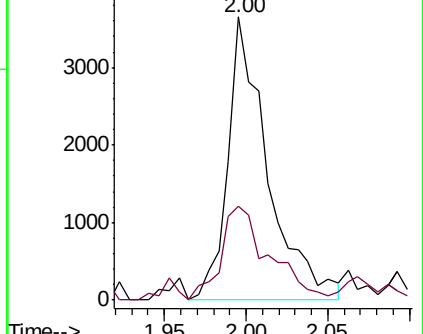
50 100

52 33.2 21.3 39.6



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 5.148 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

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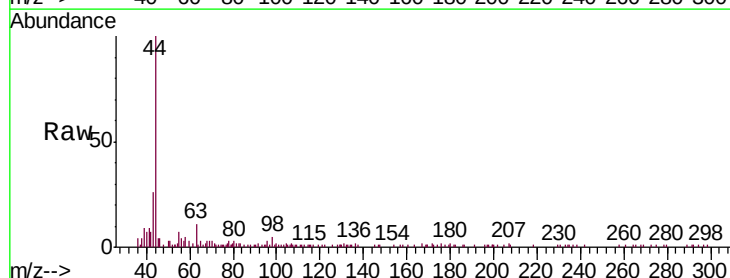
Acq: 21 Sep 2018 00:52

Tgt Ion: 43 Resp: 10547

Ion Ratio Lower Upper

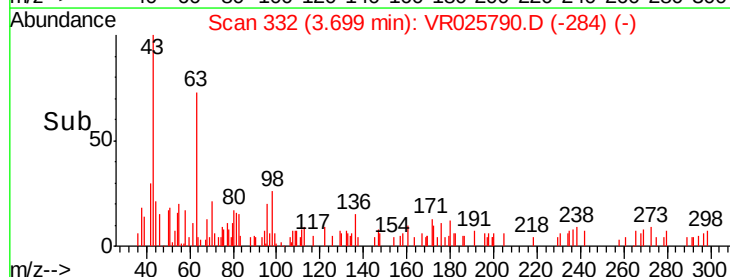
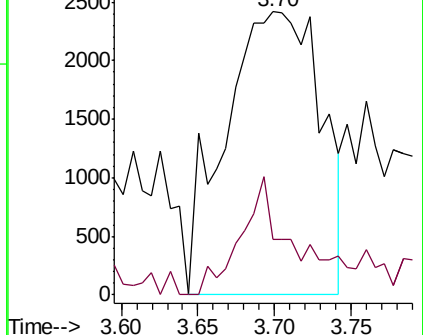
43 100

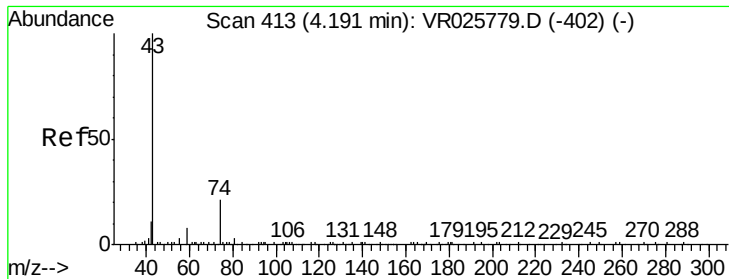
58 23.7 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

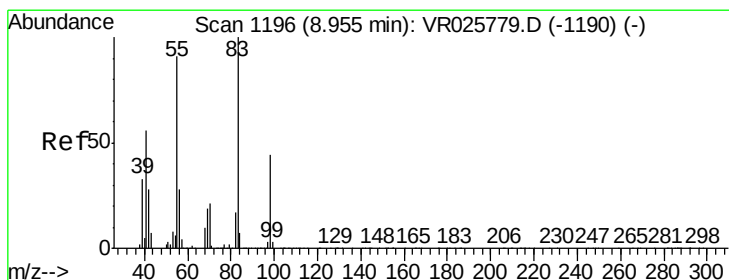
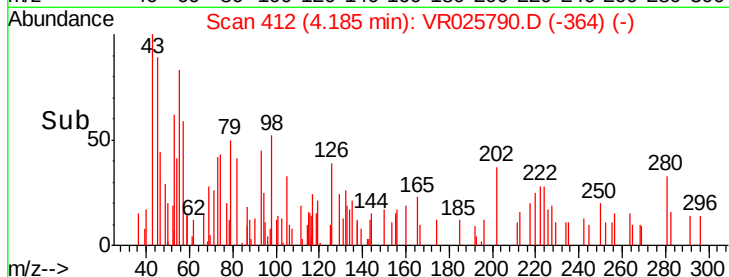
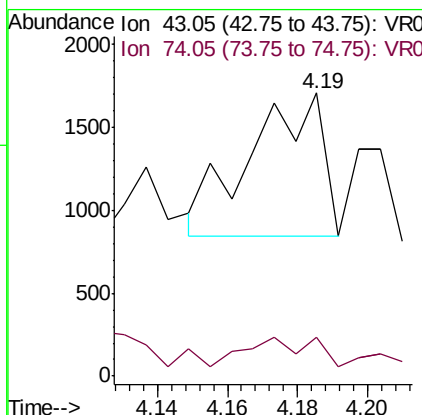
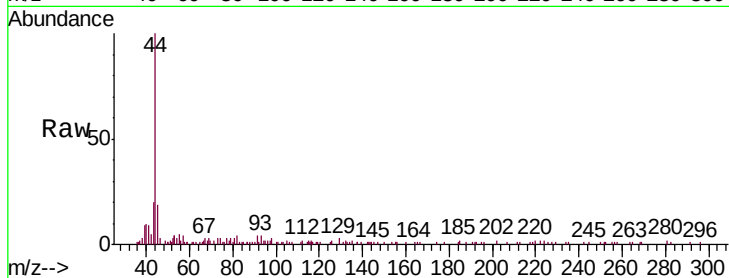




#15
Methyl Acetate
Concen: 0.139 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR025790.D
Acq: 21 Sep 2018 00:52

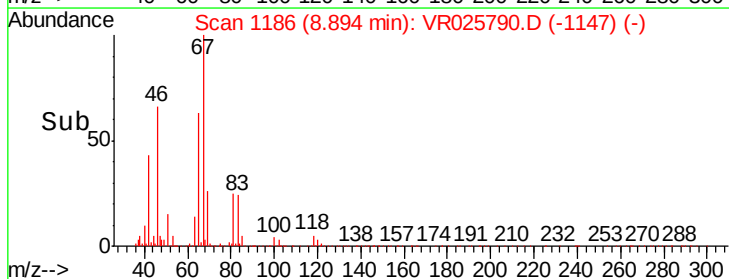
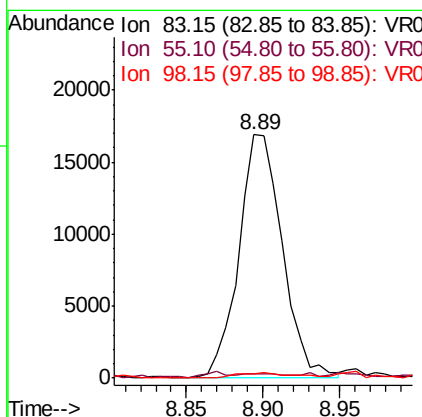
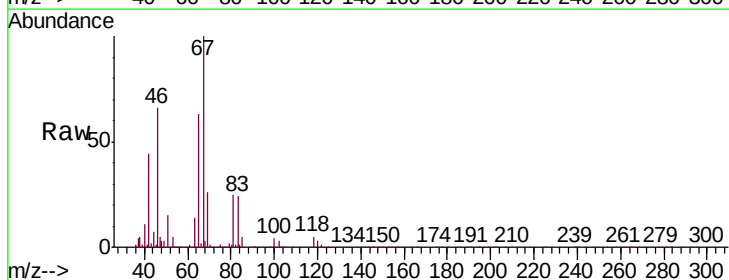
Instrument :
MSVOA_R
ClientSampled :
C0T08

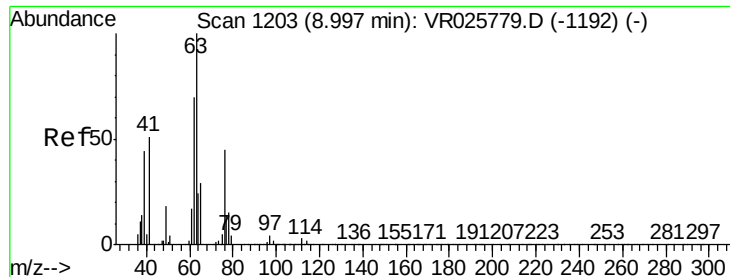
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
74 22.1 21.1 31.7



#35
Methylcyclohexane
Concen: 0.363 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR025790.D
Acq: 21 Sep 2018 00:52

Tgt Ion: 83 Resp: 33104
Ion Ratio Lower Upper
83 100
55 1.0 70.3 105.5#
98 2.8 34.4 51.6#





#37

1,2-Dichloropropane

Concen: 0.427 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025790.D

Acq: 21 Sep 2018 00:52

Instrument :

MSVOA_R

ClientSampleId :

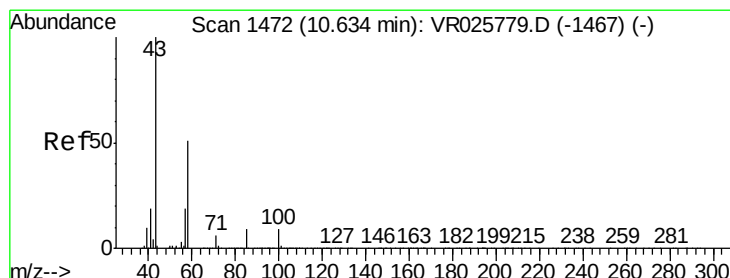
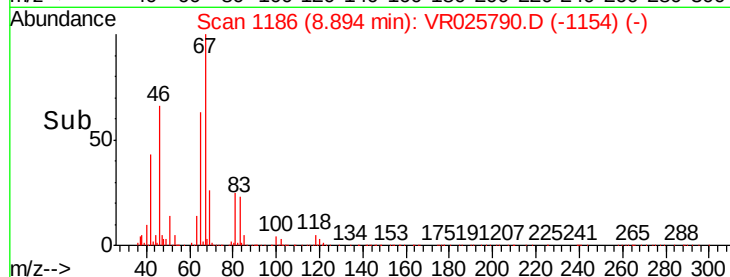
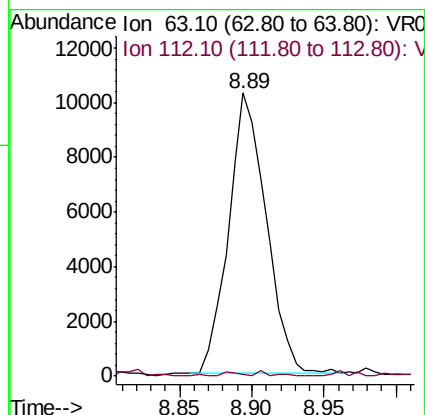
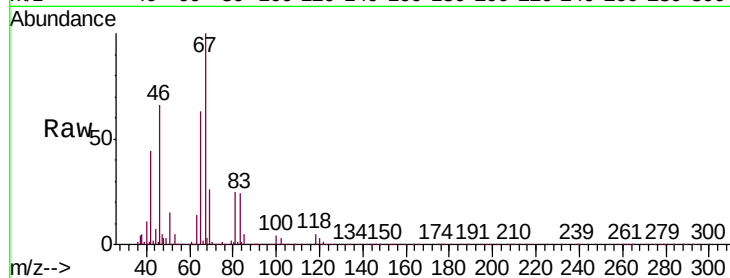
C0T08

Tgt Ion: 63 Resp: 18706

Ion Ratio Lower Upper

63 100

112 0.7 3.0 4.6#



#48

2-Hexanone

Concen: 2.511 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025790.D

Acq: 21 Sep 2018 00:52

Tgt Ion: 43 Resp: 25903

Ion Ratio Lower Upper

43 100

58 24.8 39.9 59.9#

57 18.5 14.3 21.5

100 0.3 7.0 10.6#

