

Data File : VR025823.D
Acq On : 24 Sep 2018 14:18
Operator : SY/MD
Sample : J5030-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY74

Quant Time: Sep 25 07:32:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 07:30:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	457629	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	359309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	110908	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	150209	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.63	69	127538	4.96	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.60	63	266089	3.36	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	6.59	46	208535	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	7.20	84	290897	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.89	65	131042	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	7.85	84	600349	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.89	67	164085	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	9.97	98	517922	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	10.24	79	23560	2.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	46.80%#
46) 2-Hexanone-d5	10.59	63	139464	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59760	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	87029	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

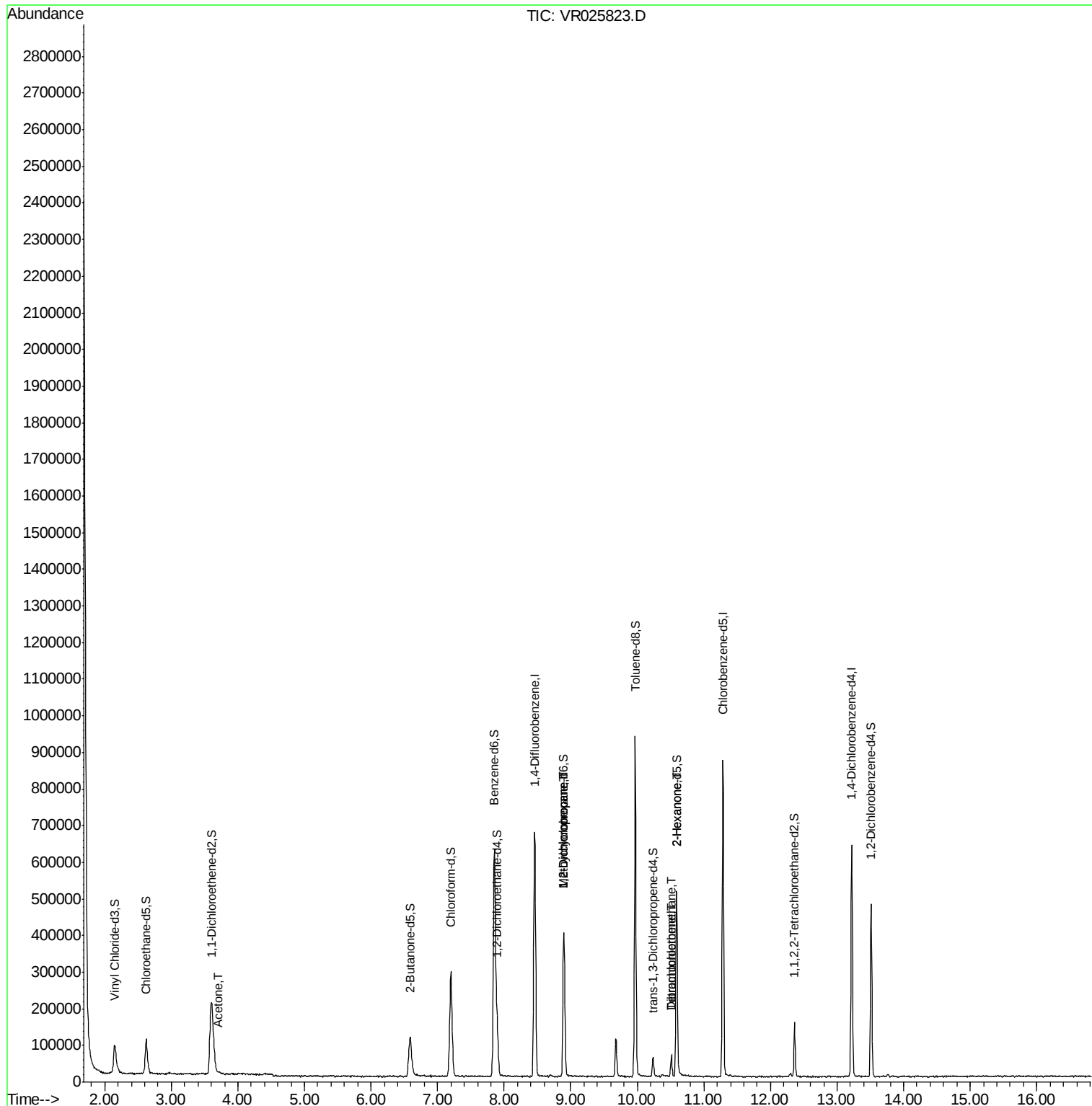
					Qvalue
13) Acetone	3.70	43	5718	1.984	ug/L 100
35) Methylcyclohexane	8.90	83	39060	0.476	ug/L # 15
37) 1,2-Dichloropropane	8.89	63	21175	0.504	ug/L # 93
47) Tetrachloroethene	10.51	164	10215	0.357	ug/L 91
48) 2-Hexanone	10.59	43	22189	2.304	ug/L # 81
49) Dibromochloromethane	10.51	129	9158	0.499	ug/L # 11

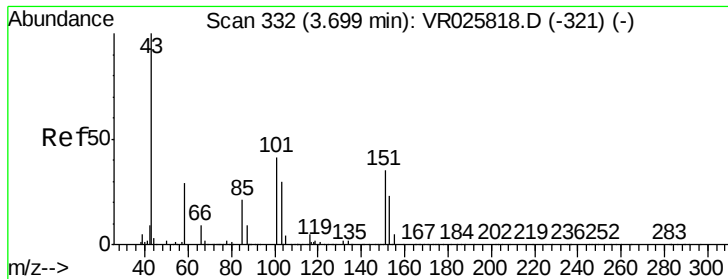
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.984 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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Acq: 24 Sep 2018 14:18

Instrument :

MSVOA_R

ClientSampled :

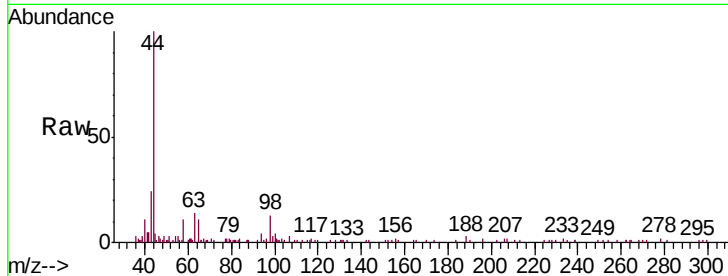
BEY74

Tgt Ion: 43 Resp: 5718

Ion Ratio Lower Upper

43 100

58 25.5 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2000

1500

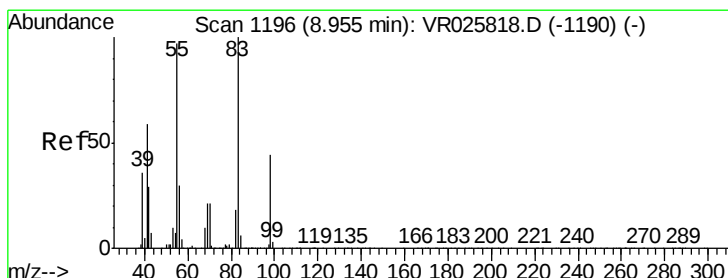
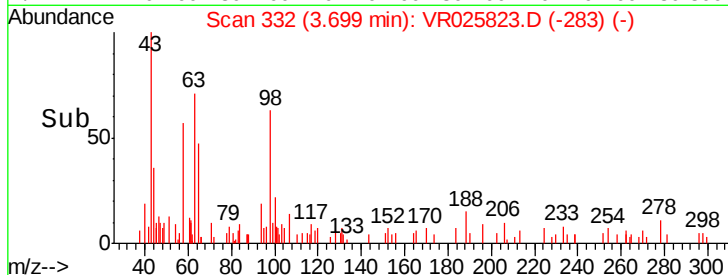
1000

500

0

3.65 3.70 3.75 3.80

Time-->



#35

Methylcyclohexane

Concen: 0.476 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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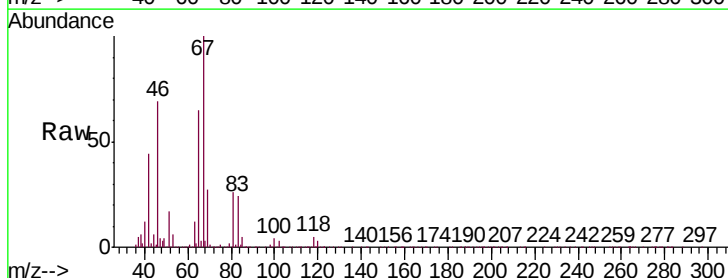
Tgt Ion: 83 Resp: 39060

Ion Ratio Lower Upper

83 100

55 0.9 71.8 107.6#

98 1.0 34.2 51.4#



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

25000

20000

15000

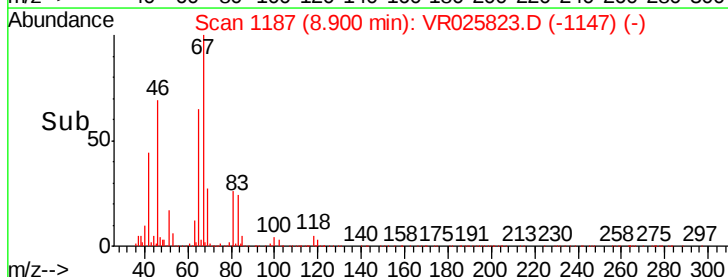
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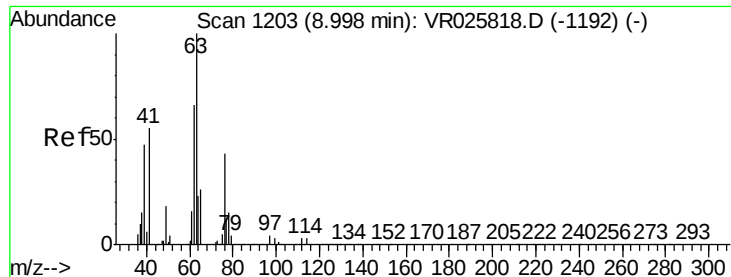
5000

0

8.80 8.85 8.90 8.95

Time-->

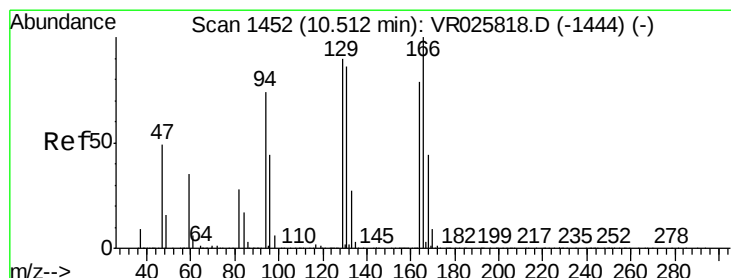
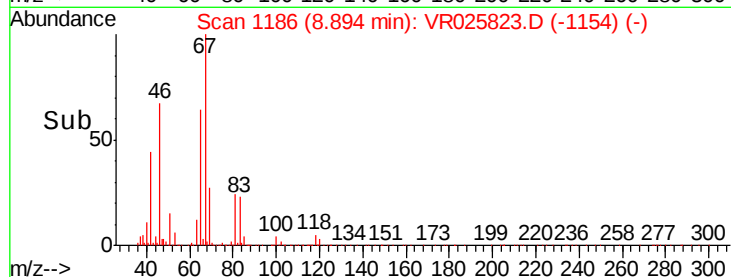
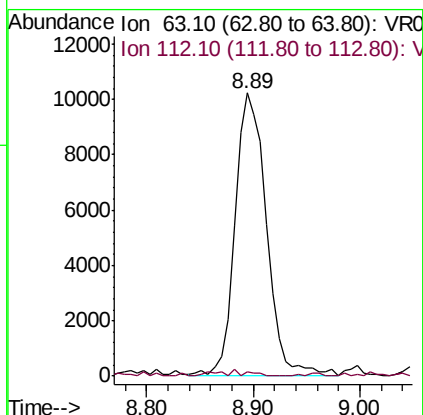
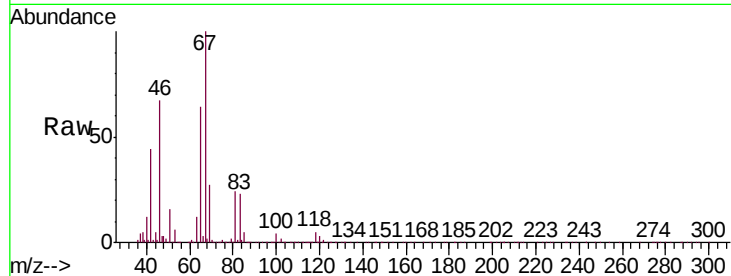




#37
 1,2-Dichloropropane
 Concen: 0.504 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR025823.D
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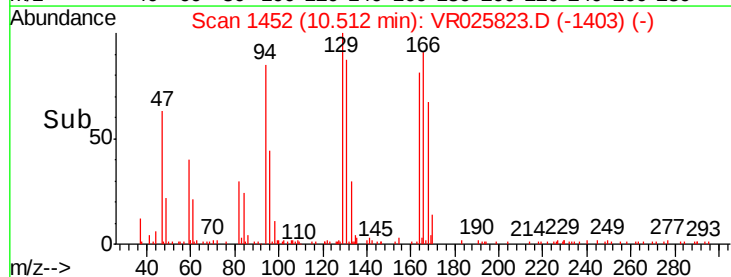
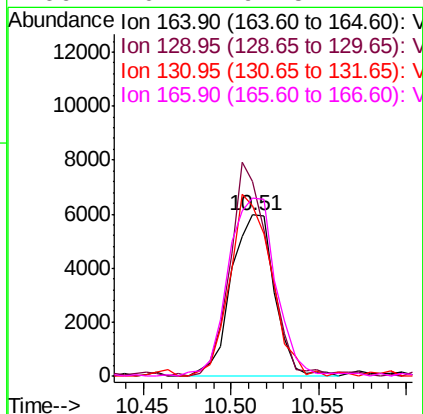
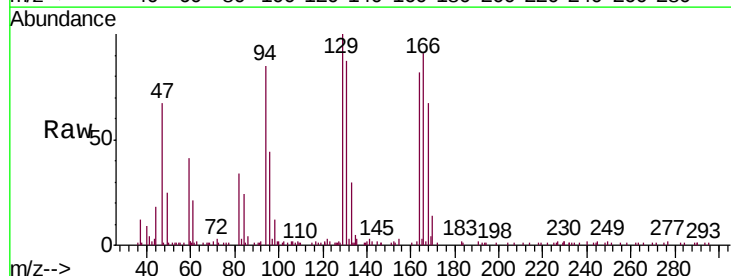
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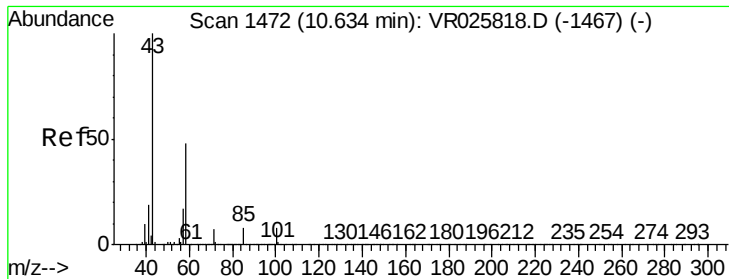
Tgt Ion: 63 Resp: 21175
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.357 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR025823.D
 Acq: 24 Sep 2018 14:18

Tgt Ion: 164 Resp: 10215
 Ion Ratio Lower Upper
 164 100
 129 121.3 80.8 150.2
 131 105.6 74.5 138.3
 166 110.4 92.5 171.7

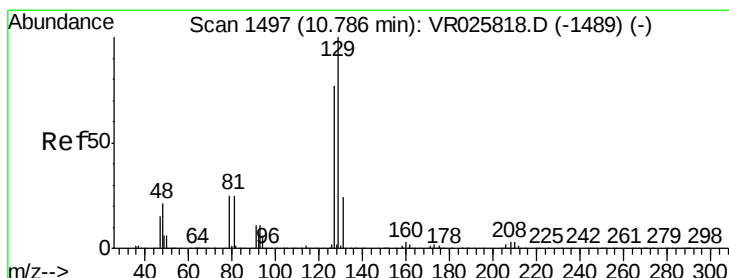
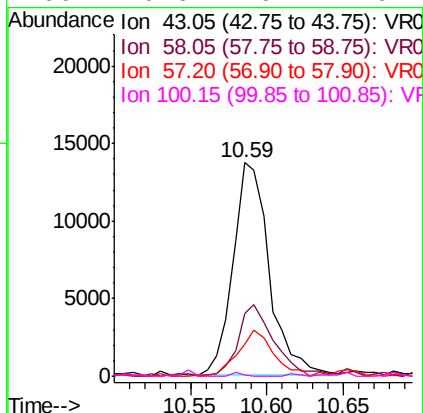
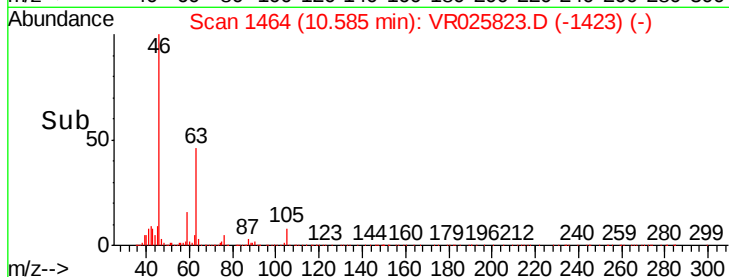
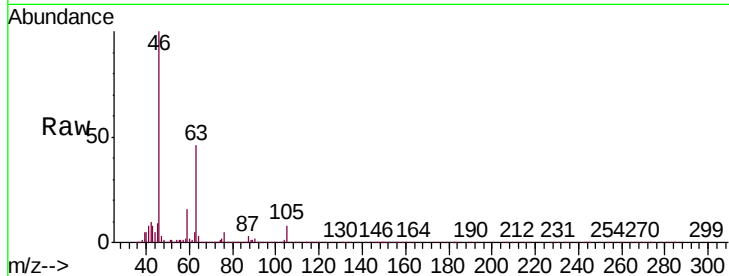




#48
2-Hexanone
Concen: 2.304 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR025823.D
Acq: 24 Sep 2018 14:18

Instrument :
MSVOA_R
ClientSampled :
BEY74

Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 34.1 39.5 59.3#
57 21.6 14.6 21.8
100 0.6 6.7 10.1#



#49
Dibromochloromethane
Concen: 0.499 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.28 min
Lab File: VR025823.D
Acq: 24 Sep 2018 14:18

Tgt Ion: 129 Resp: 9158
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

