

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025868.D
 Acq On : 26 Sep 2018 18:43
 Operator : SY/MD
 Sample : J5011-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Sep 27 08:34:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	332425	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	273300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	89185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	117189	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	2.63	69	99035	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	3.63	63	218247	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	6.59	46	180714	56.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.90%
24) Chloroform-d	7.20	84	225652	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.90	65	103838	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	7.85	84	468492	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	133540	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	423643	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.24	79	25342	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	136485	53.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52235	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	71029	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

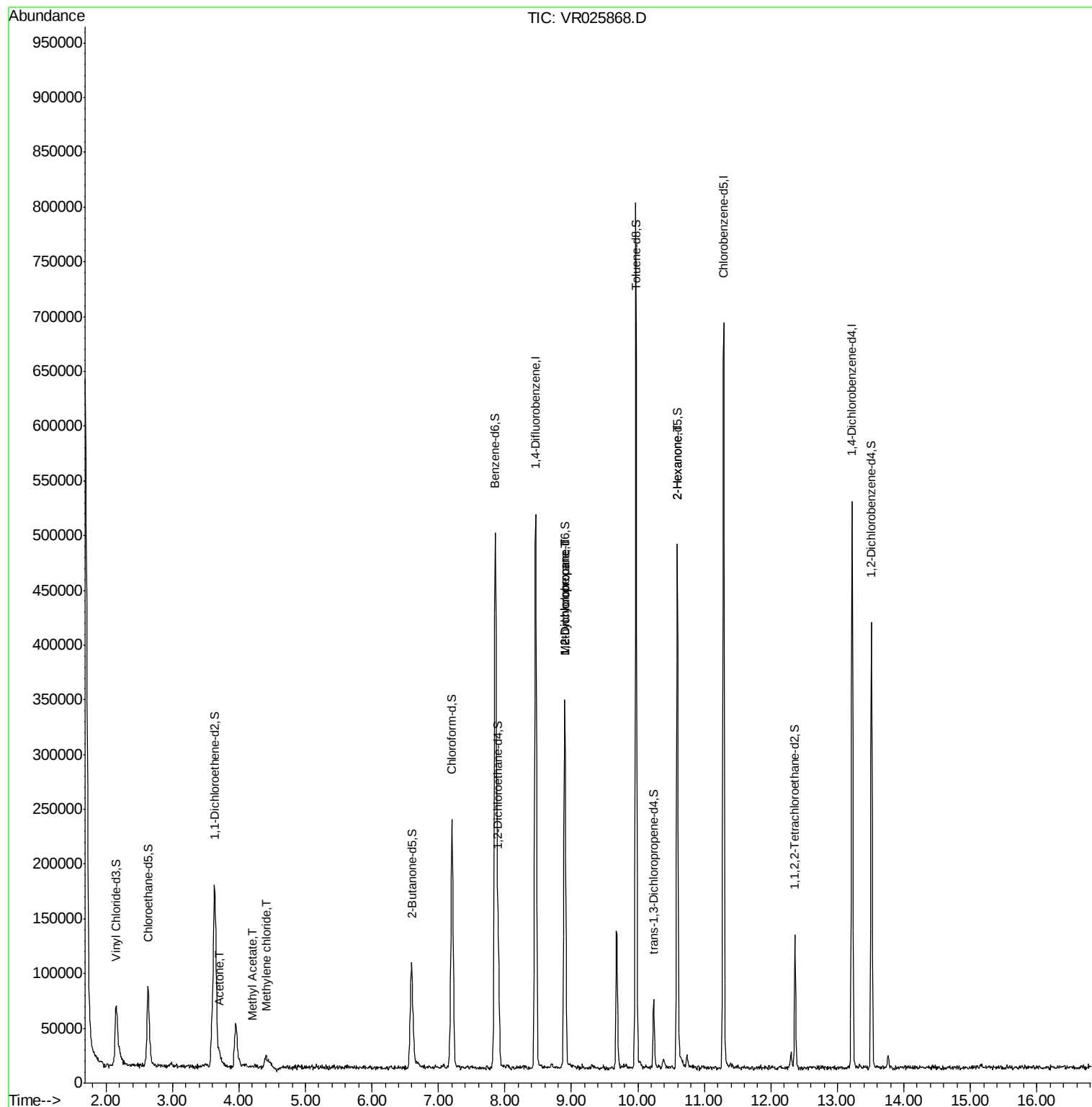
					Ovalue
13) Acetone	3.70	43	15586	7.443 ug/L	88
15) Methyl Acetate	4.20	43	1453	0.216 ug/L #	58
16) Methylene chloride	4.41	84	7083	0.275 ug/L	96
35) Methylcyclohexane	8.90	83	30802	0.493 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	16356	0.511 ug/L #	92
48) 2-Hexanone	10.59	43	19813	2.705 ug/L #	71

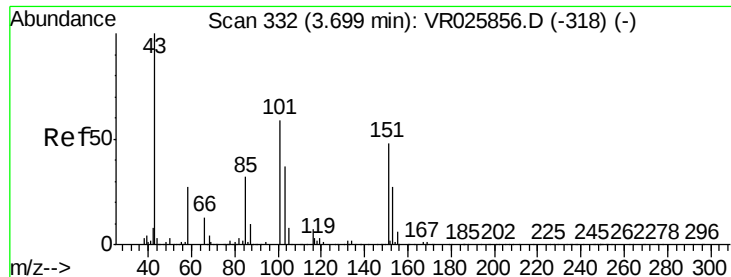
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.443 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025868.D

Acq: 26 Sep 2018 18:43

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MSVOA_R

ClientSampleId :

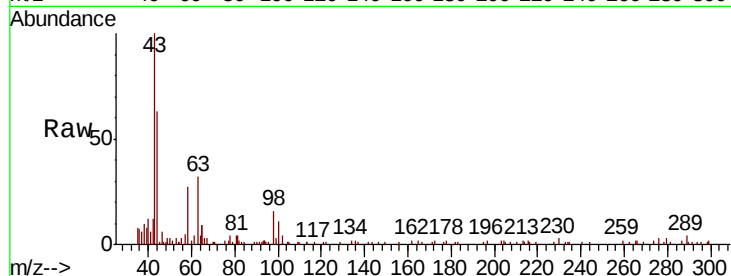
VHBLK01

Tot Ion: 43 Resp: 15586

Ion Ratio Lower Upper

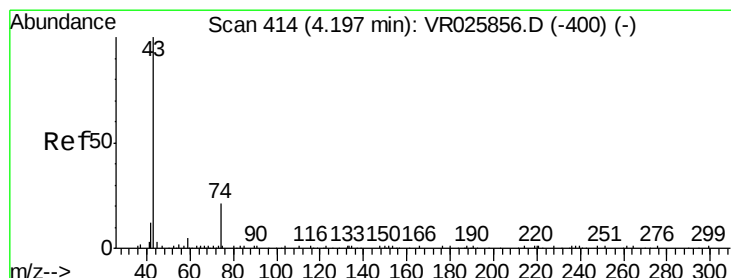
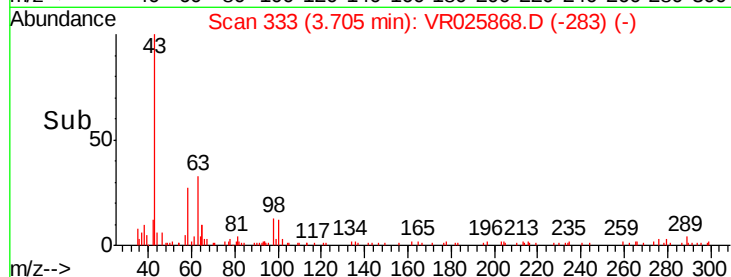
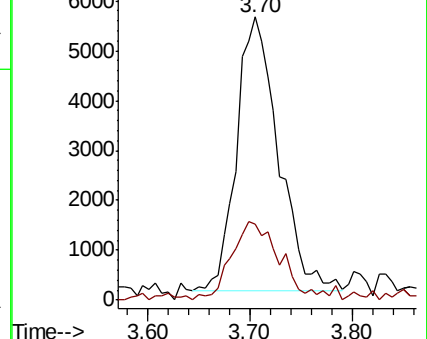
43 100

58 32.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.216 ug/L

RT: 4.20 min Scan# 414

Delta R.T. 0.00 min

Lab File: VR025868.D

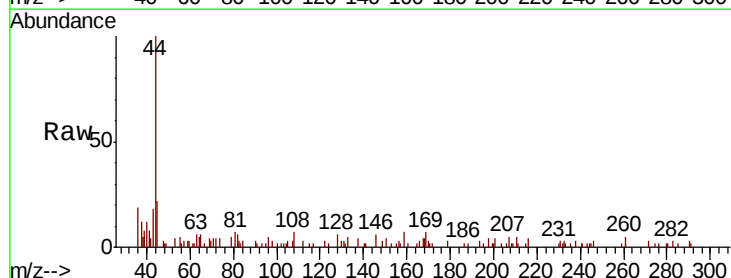
Acq: 26 Sep 2018 18:43

Tgt Ion: 43 Resp: 1453

Ion Ratio Lower Upper

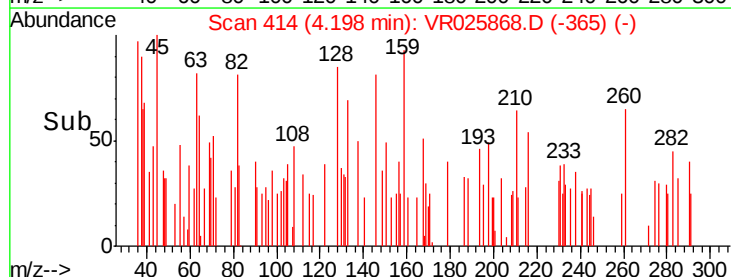
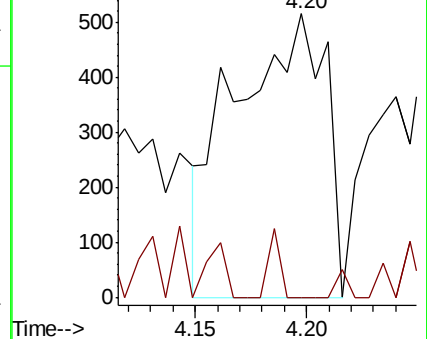
43 100

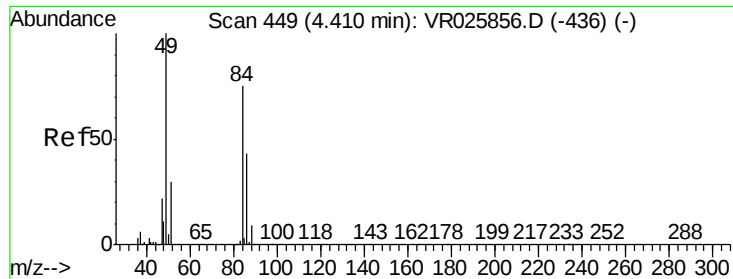
74 3.1 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

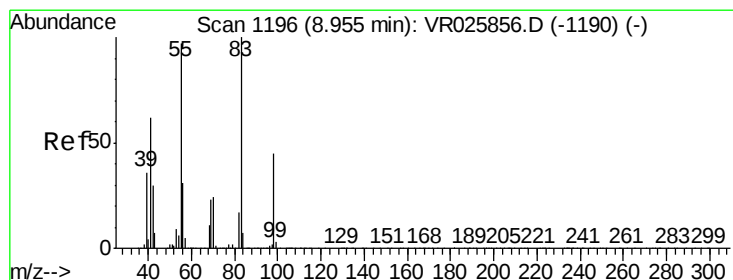
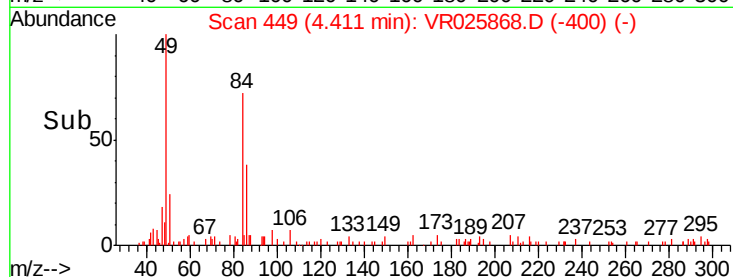
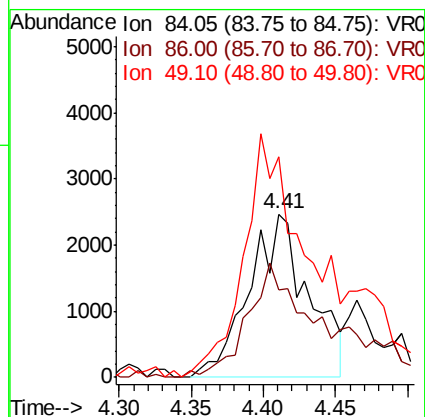
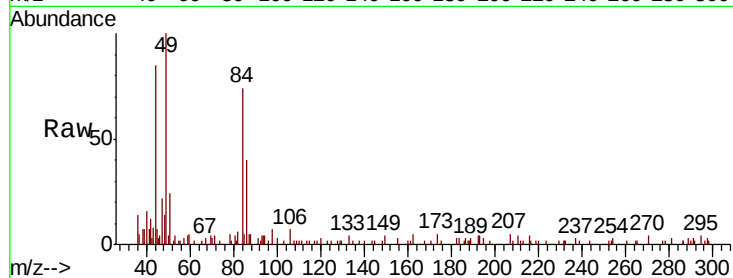




#16
Methvlene chloride
Concen: 0.275 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR025868.D
Acq: 26 Sep 2018 18:43

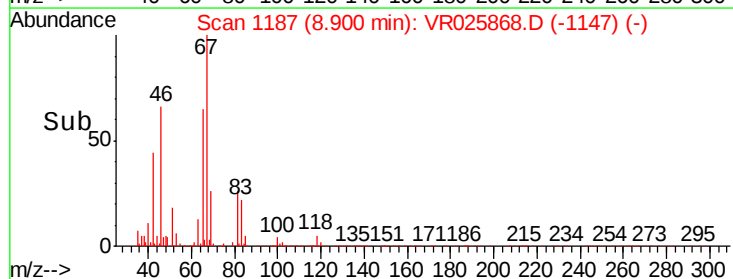
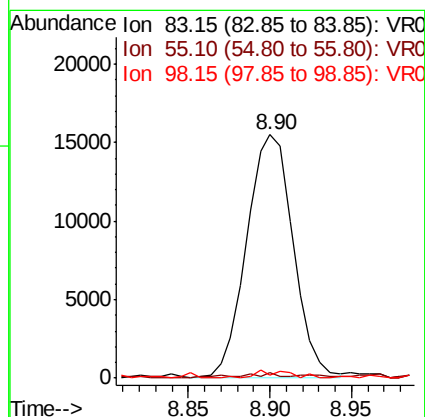
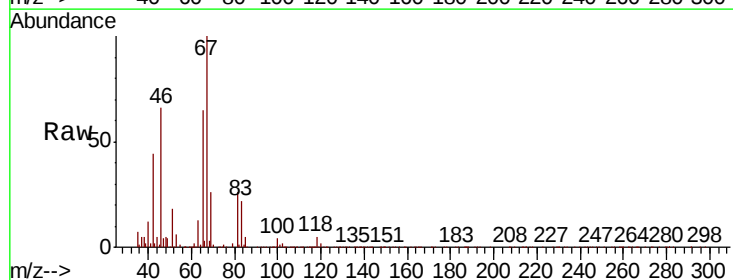
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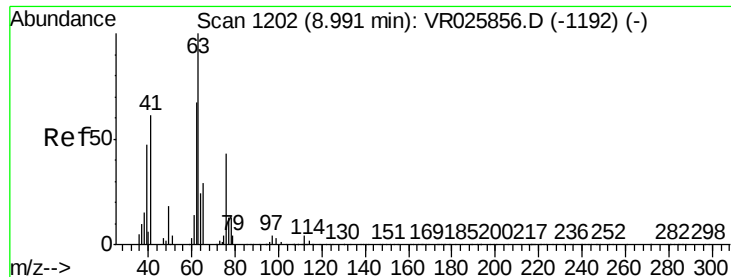
Tot Ion: 84 Resp: 7083
Ion Ratio Lower Upper
84 100
86 53.5 43.1 80.1
49 134.9 95.5 177.3



#35
Methylcyclohexane
Concen: 0.493 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025868.D
Acq: 26 Sep 2018 18:43

Tgt Ion: 83 Resp: 30802
Ion Ratio Lower Upper
83 100
55 0.5 71.8 107.6#
98 2.4 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR025868.D

Acq: 26 Sep 2018 18:43

Instrument :

MSVOA_R

ClientSampleId :

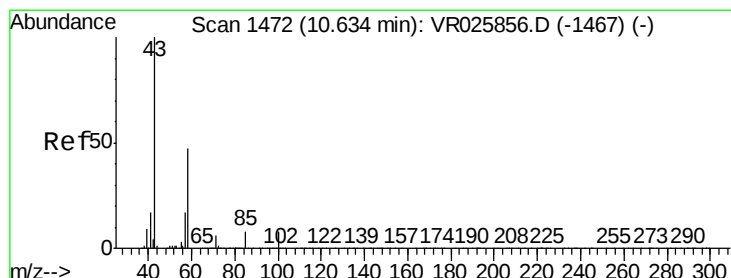
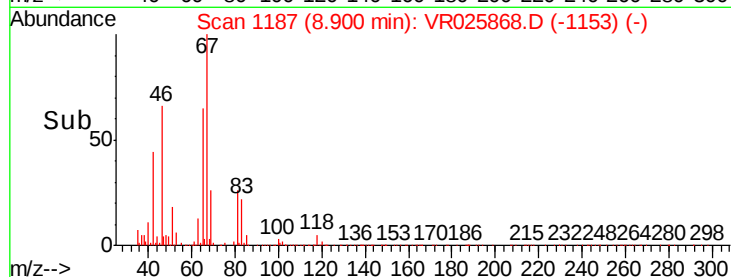
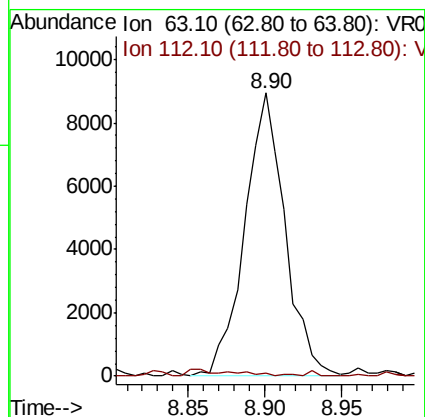
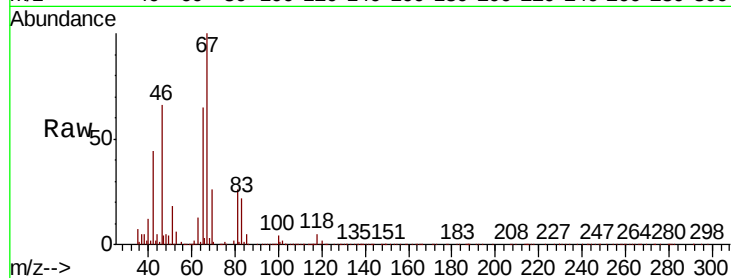
VHBLK01

Tot Ion: 63 Resp: 16356

Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#



#48

2-Hexanone

Concen: 2.705 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025868.D

Acq: 26 Sep 2018 18:43

Tgt Ion: 43 Resp: 19813

Ion Ratio Lower Upper

43 100

58 24.6 39.5 59.3#

57 23.4 14.6 21.8#

100 1.2 6.7 10.1#

