

Data File : VR026389.D
Acq On : 26 Feb 2019 15:47
Operator : SY/MD
Sample : K1585-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 07:34:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	472321	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	390165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	116993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	159691	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	2.63	69	142207	3.75	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	3.60	63	315647	2.91	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	6.58	46	185919	55.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.26%
24) Chloroform-d	7.20	84	333229	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.89	65	138150	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.85	84	585153	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	8.89	67	161934	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	9.97	98	509224	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	10.24	79	35115	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	10.59	63	136142	55.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62627	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	105328	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

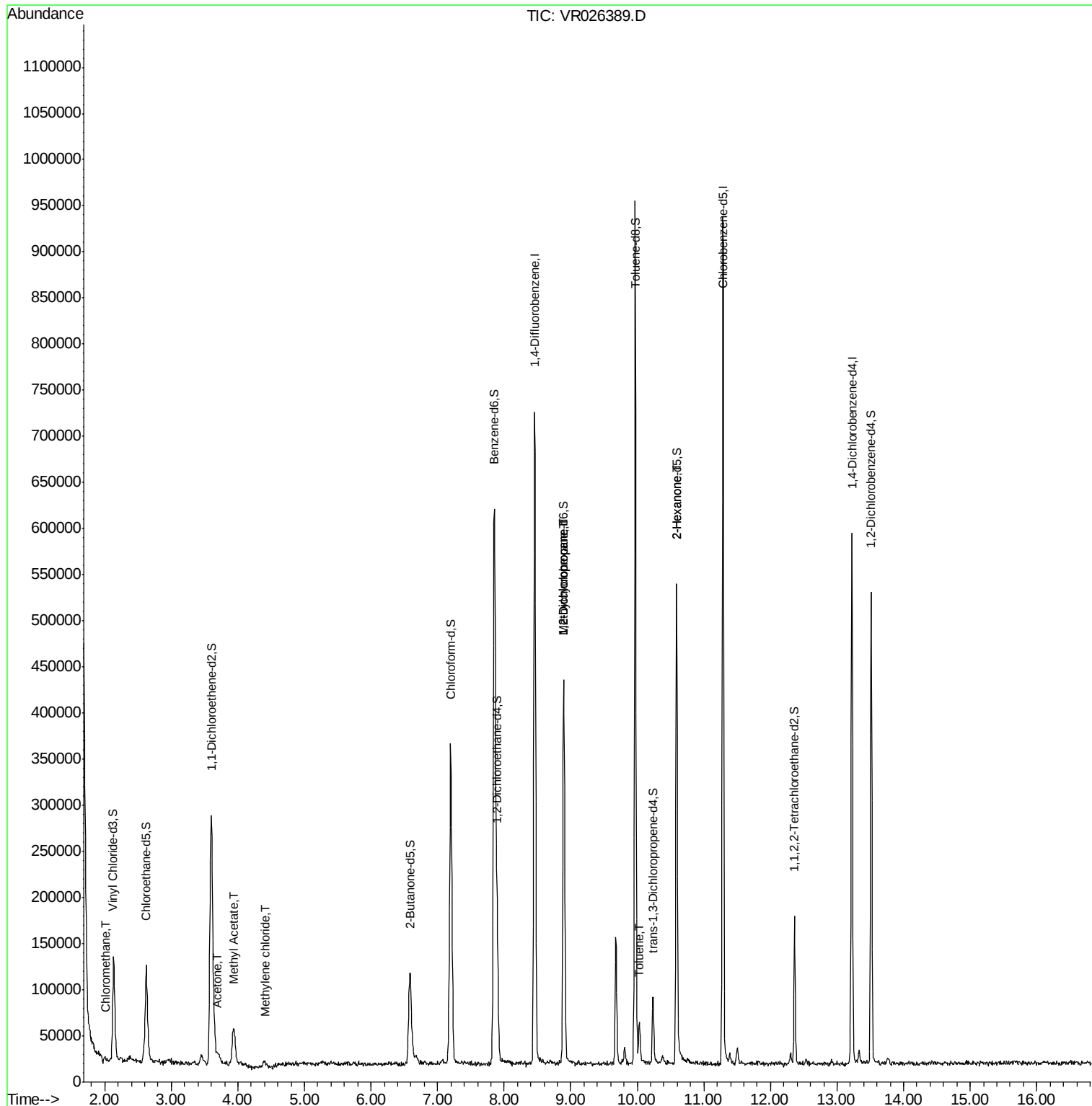
Target Compounds

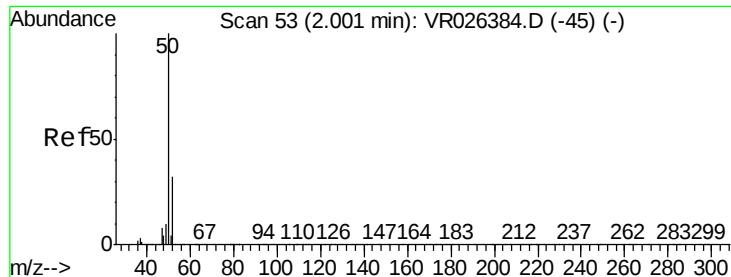
						Qvalue
3) Chloromethane	2.00	50	6594	0.131	ug/L	96
13) Acetone	3.69	43	16002	5.275	ug/L	98
15) Methyl Acetate	3.94	43	17533	2.042	ug/L #	56
16) Methylene chloride	4.40	84	4214	0.117	ug/L	80
35) Methylcyclohexane	8.90	83	39341	0.735	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21377	0.671	ug/L #	88
42) Toluene	10.03	91	24086	0.160	ug/L	95
48) 2-Hexanone	10.59	43	24599	4.089	ug/L #	69

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

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#3

Chloromethane

Concen: 0.131 ug/L

RT: 2.00 min Scan# 53

Delta R.T. -0.00 min

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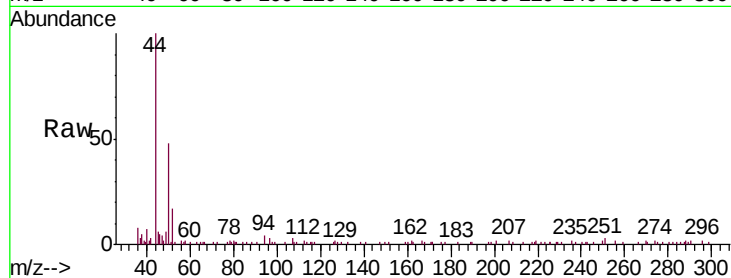
Acq: 26 Feb 2019 15:47

Tgt Ion: 50 Resp: 6594

Ion Ratio Lower Upper

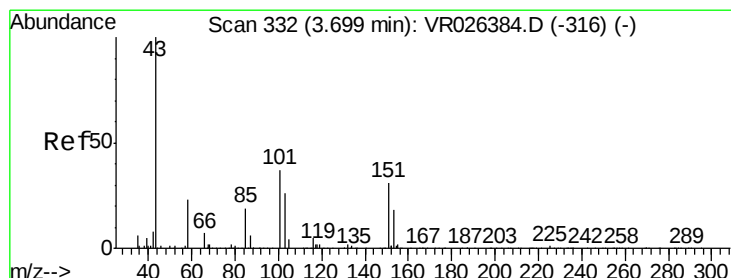
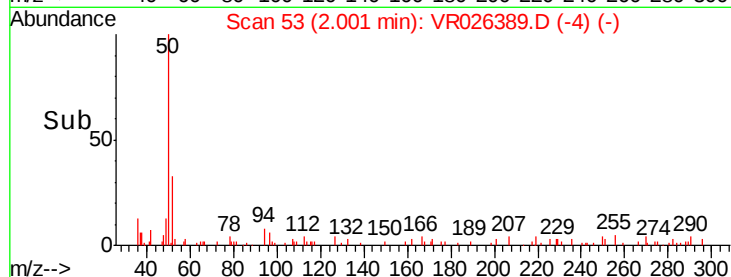
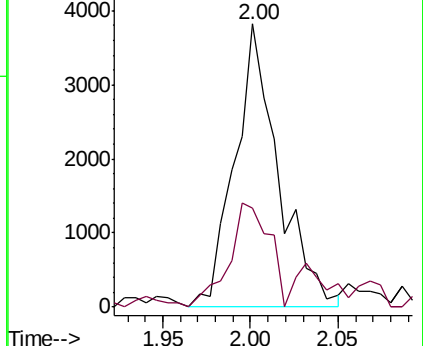
50 100

52 34.8 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 5.275 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026389.D

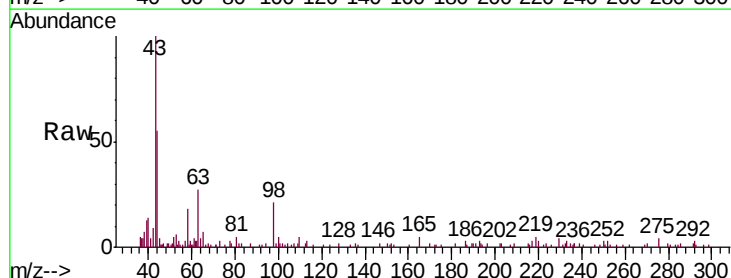
Acq: 26 Feb 2019 15:47

Tgt Ion: 43 Resp: 16002

Ion Ratio Lower Upper

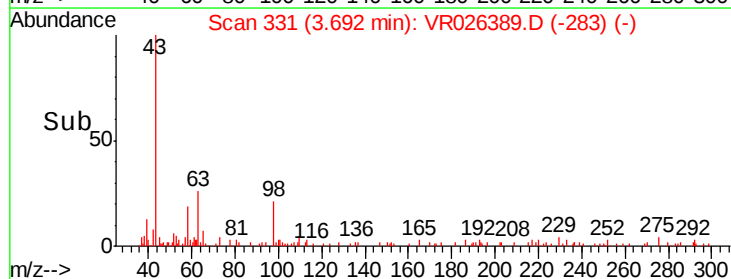
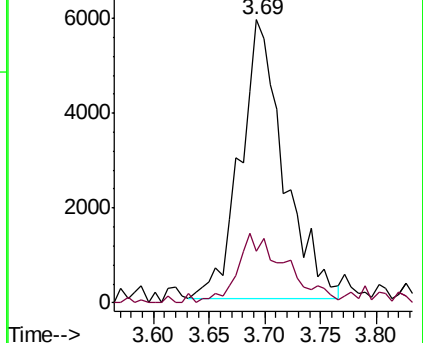
43 100

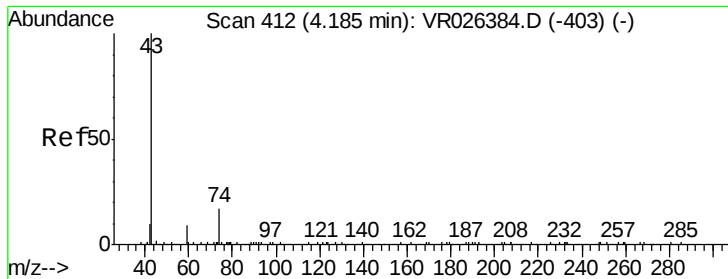
58 27.4 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

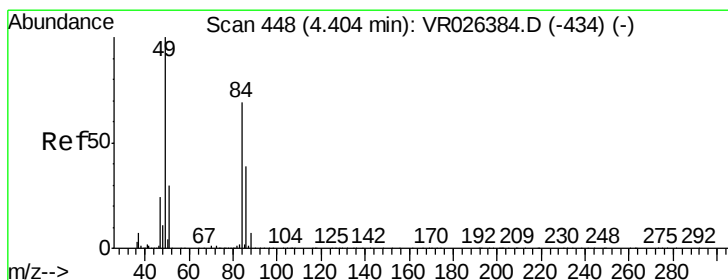
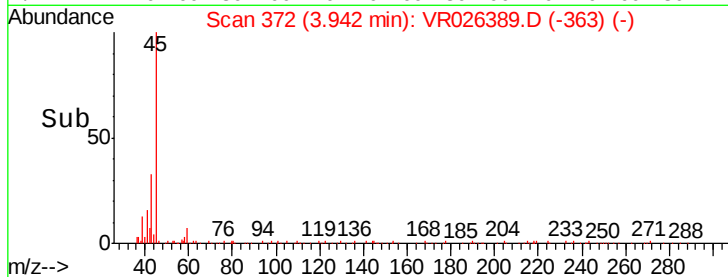
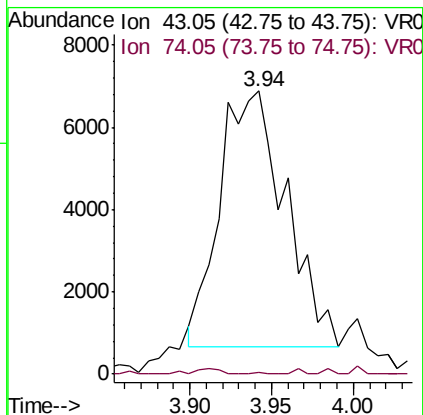
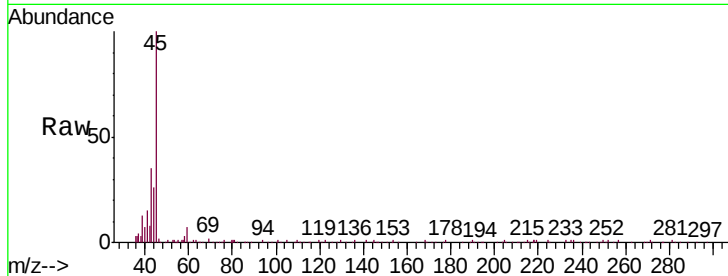
Ion 58.05 (57.75 to 58.75): VR0





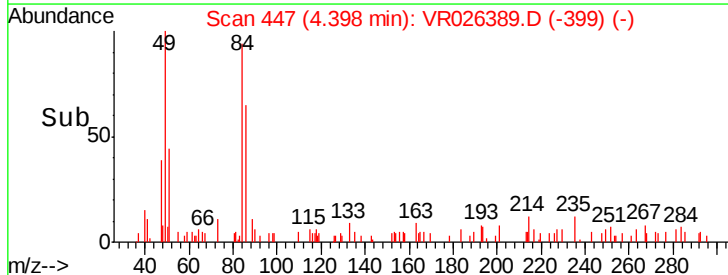
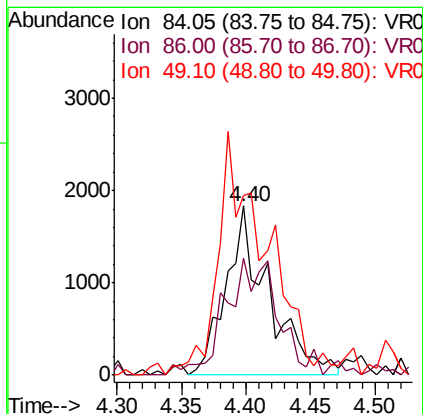
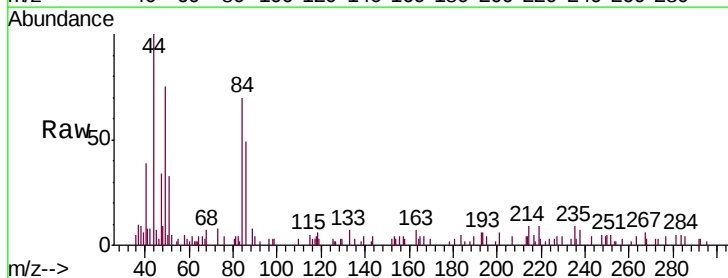
#15
Methyl Acetate
Concen: 2.042 ug/L
RT: 3.94 min Scan# 372
Delta R.T. -0.24 min
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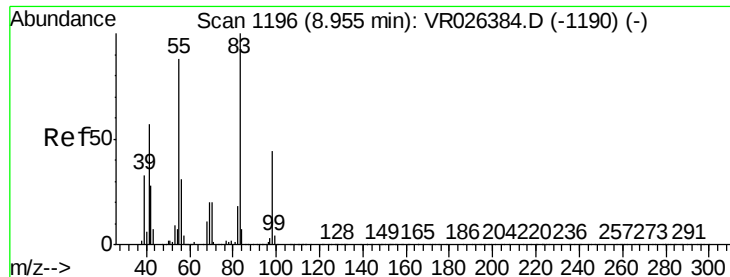
Tgt Ion: 43 Resp: 17533
Ion Ratio Lower Upper
43 100
74 0.1 16.6 25.0#



#16
Methylene chloride
Concen: 0.117 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026389.D
Acq: 26 Feb 2019 15:47

Tgt Ion: 84 Resp: 4214
Ion Ratio Lower Upper
84 100
86 69.1 42.1 78.3
49 105.9 93.8 174.2





#35

Methylcyclohexane

Concen: 0.735 ug/L

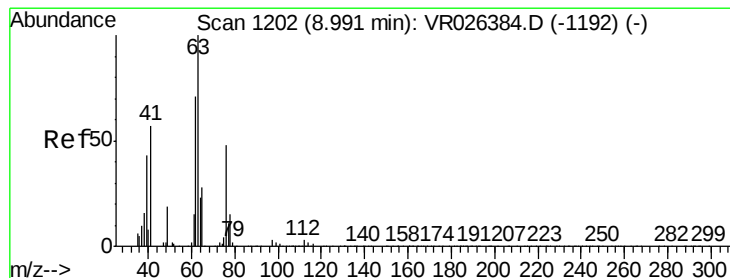
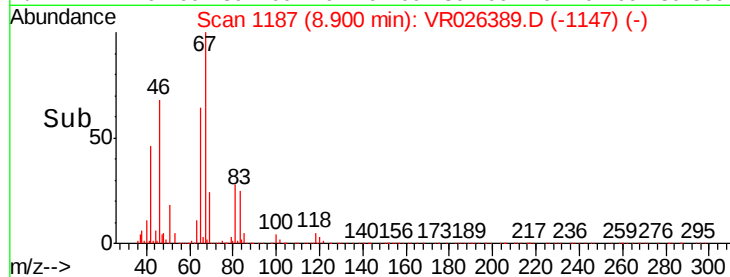
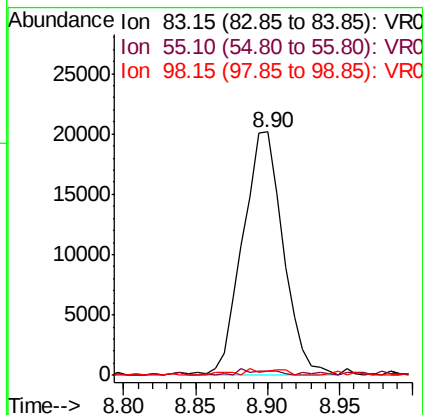
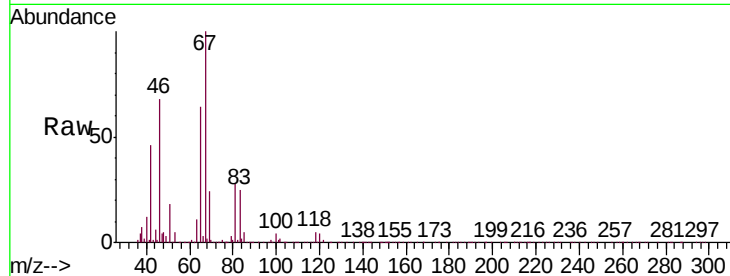
RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026389.D

Acq: 26 Feb 2019 15:47

Tgt Ion:	83	Resp:	39341
Ion	Ratio	Lower	Upper
83	100		
55	0.8	72.2	108.2#
98	1.4	35.0	52.4#



#37

1,2-Dichloropropane

Concen: 0.671 ug/L

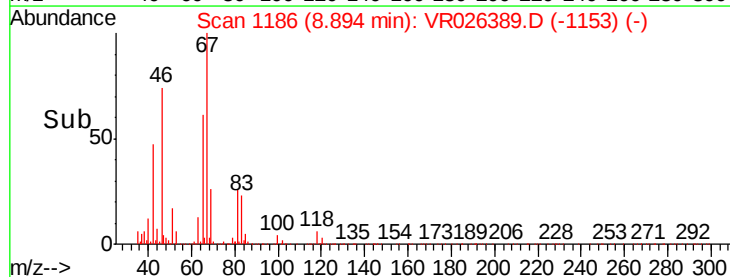
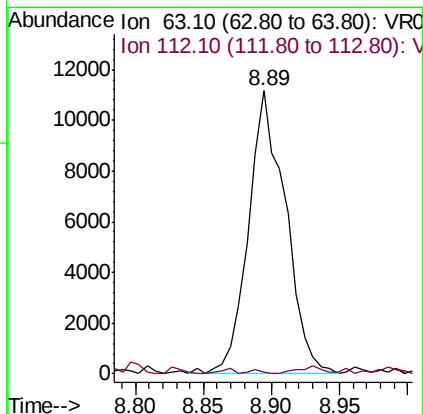
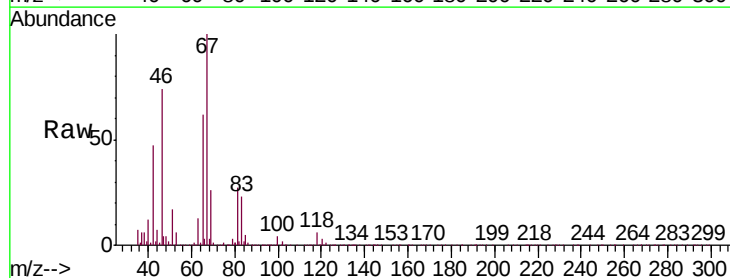
RT: 8.89 min Scan# 1186

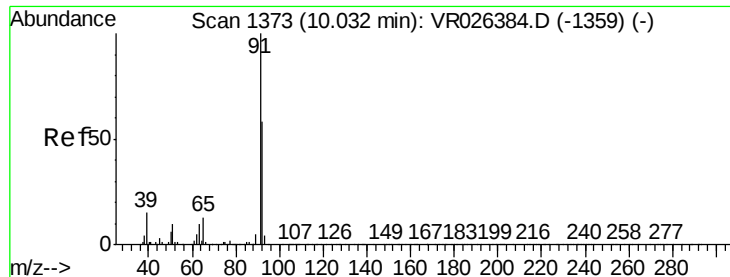
Delta R.T. -0.10 min

Lab File: VR026389.D

Acq: 26 Feb 2019 15:47

Tgt Ion:	63	Resp:	21377
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.6	5.4#





#42

Toluene

Concen: 0.160 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR026389.D

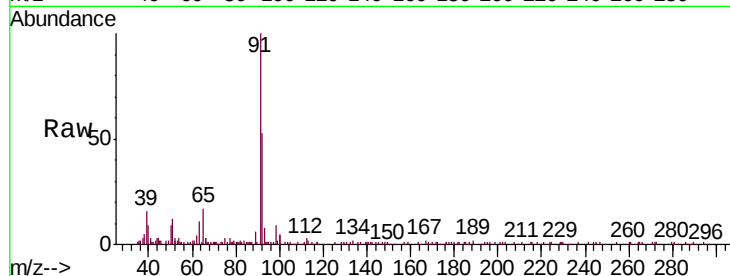
Acq: 26 Feb 2019 15:47

Tgt Ion: 91 Resp: 24086

Ion Ratio Lower Upper

91 100

92 52.9 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

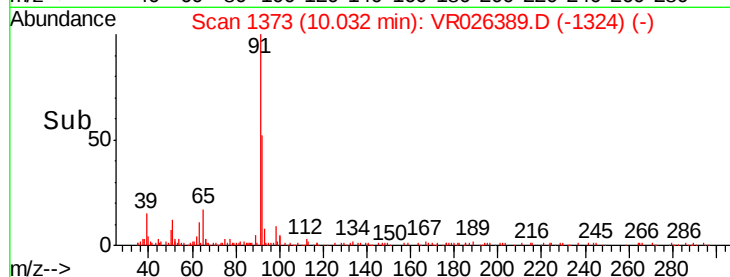
15000

10000

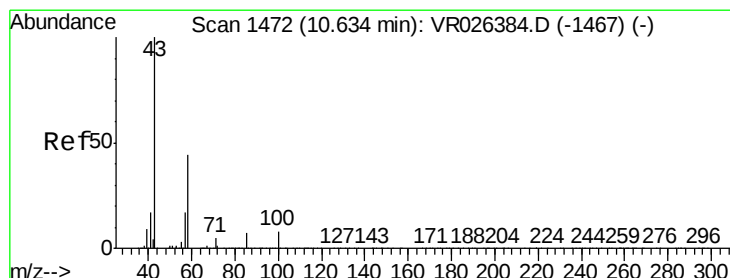
5000

0

Time-->



Time-->



#48

2-Hexanone

Concen: 4.089 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026389.D

Acq: 26 Feb 2019 15:47

Tgt Ion: 43 Resp: 24599

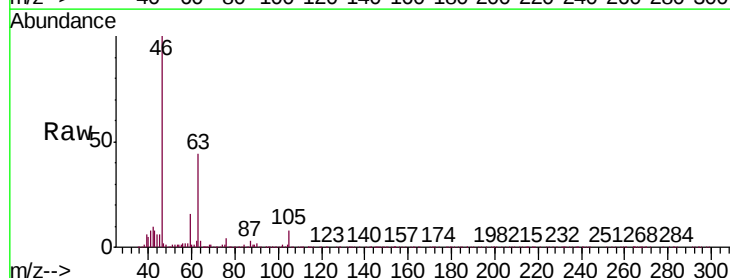
Ion Ratio Lower Upper

43 100

58 24.6 38.4 57.6#

57 28.7 13.2 19.8#

100 2.6 6.3 9.5#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

20000

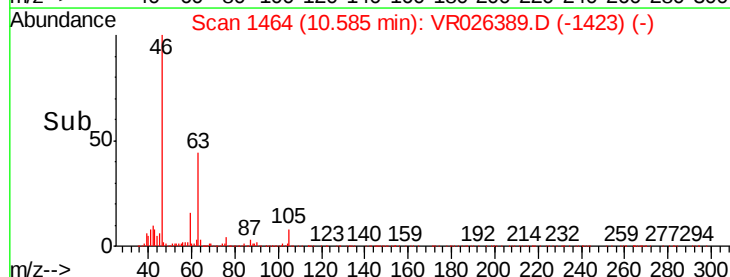
15000

10000

5000

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Time-->



Time-->