

Data File : VR026394.D
Acq On : 26 Feb 2019 18:31
Operator : SY/MD
Sample : K1588-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 27 07:34:55 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	452379	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	372998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	109668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	146169	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	2.62	69	147507	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	3.60	63	305247	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	6.58	46	168402	52.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.28%
24) Chloroform-d	7.20	84	318931	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	128641	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.85	84	539569	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	8.90	67	153195	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	9.97	98	479864	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	10.23	79	33809	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	10.59	63	134243	56.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57331	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	96318	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

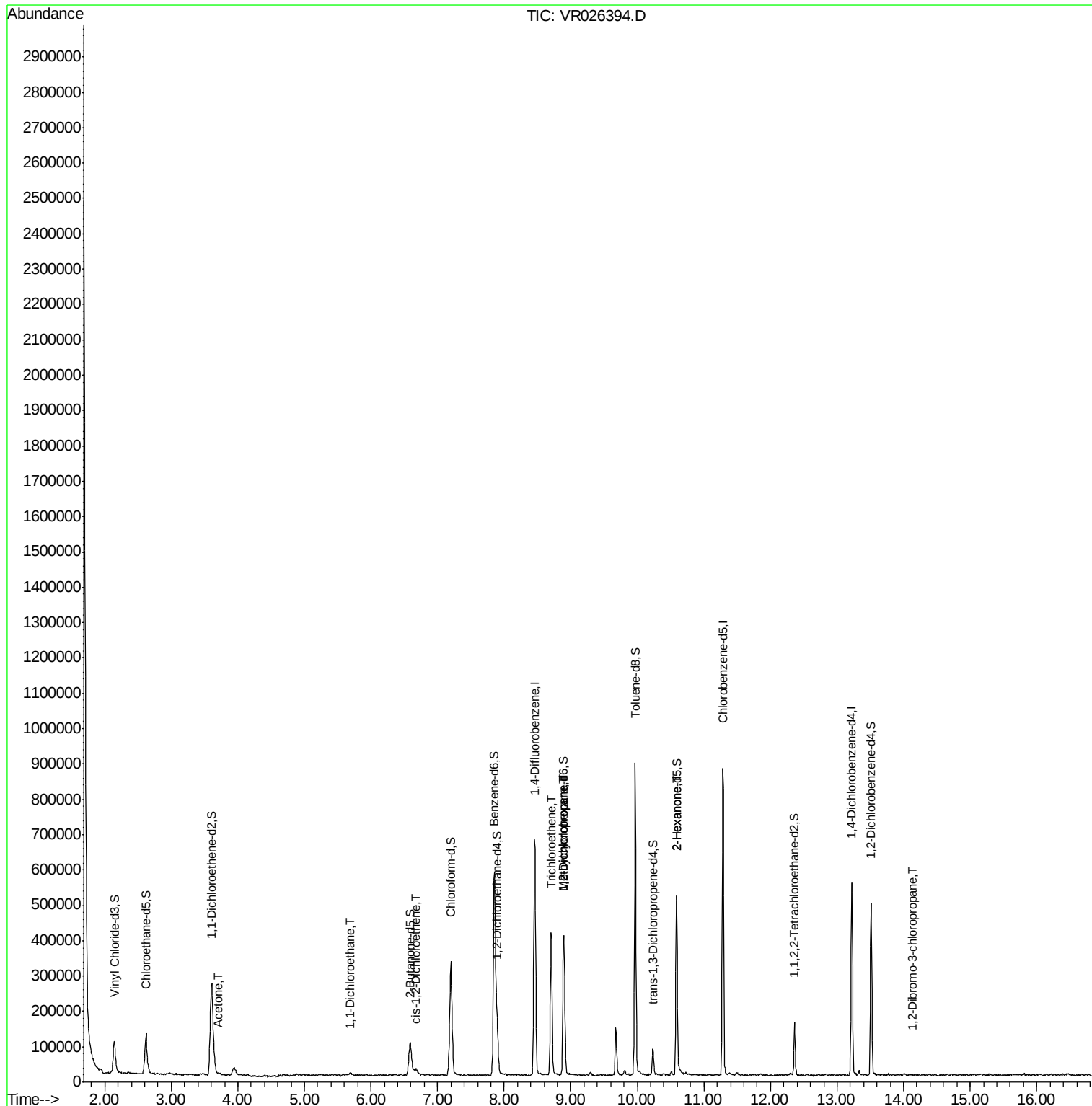
Target Compounds

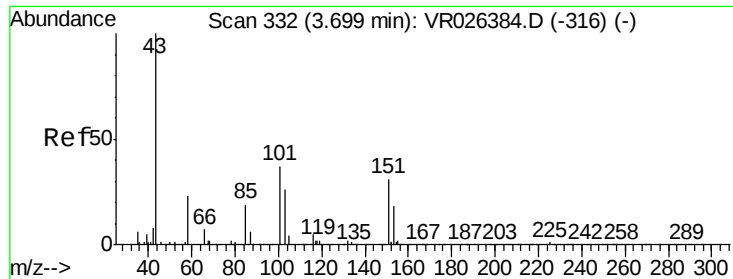
						Qvalue
13) Acetone	3.70	43	3507	1.207	ug/L	76
19) 1,1-Dichloroethane	5.68	63	9236	0.140	ug/L	88
22) cis-1,2-Dichloroethene	6.67	96	5325	0.176	ug/L #	60
34) Trichloroethene	8.71	95	127745	3.543	ug/L	93
35) Methylcyclohexane	8.89	83	37681	0.737	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	20844	0.685	ug/L #	90
48) 2-Hexanone	10.59	43	22807	3.966	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	253	0.247	ug/L #	56

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

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#13

Acetone

Concen: 1.207 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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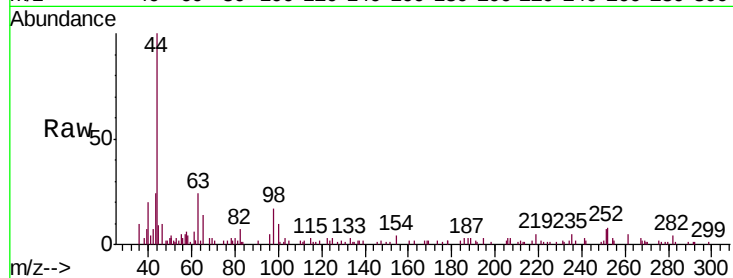
Acq: 26 Feb 2019 18:31

Tgt Ion: 43 Resp: 3507

Ion Ratio Lower Upper

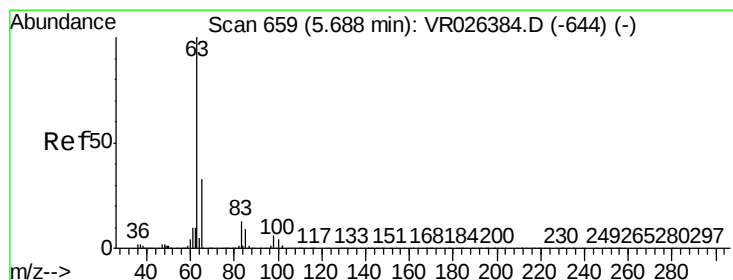
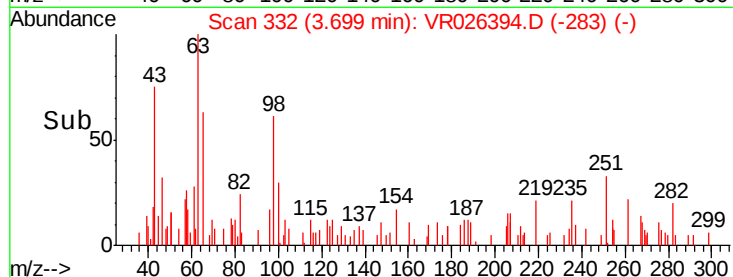
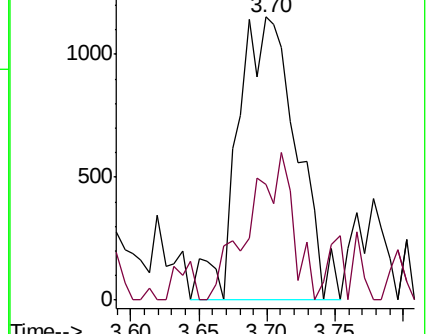
43 100

58 38.6 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 5.68 min Scan# 658

Delta R.T. -0.01 min

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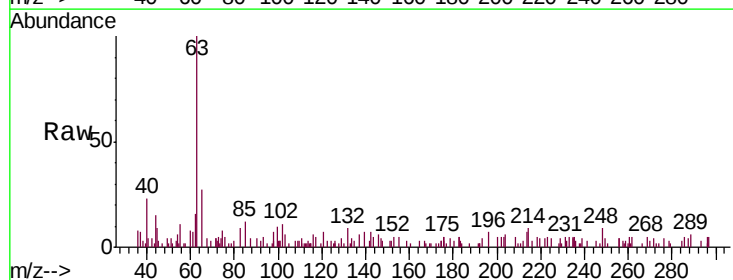
Tgt Ion: 63 Resp: 9236

Ion Ratio Lower Upper

63 100

65 26.5 23.6 43.8

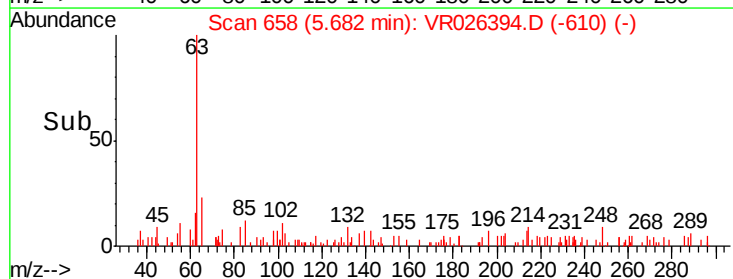
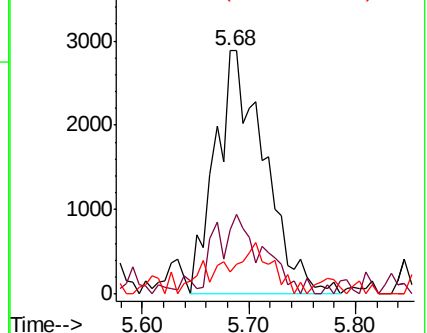
83 8.9 8.8 16.4

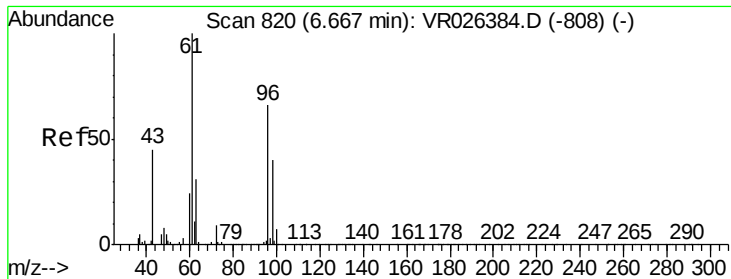


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0

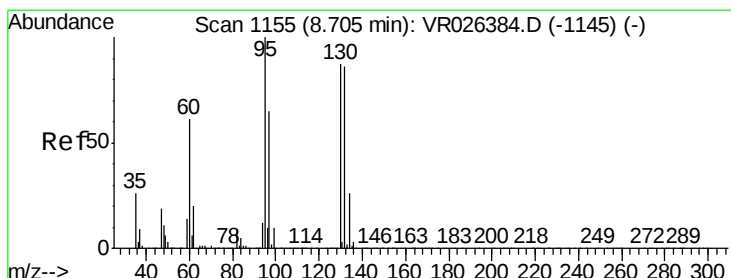
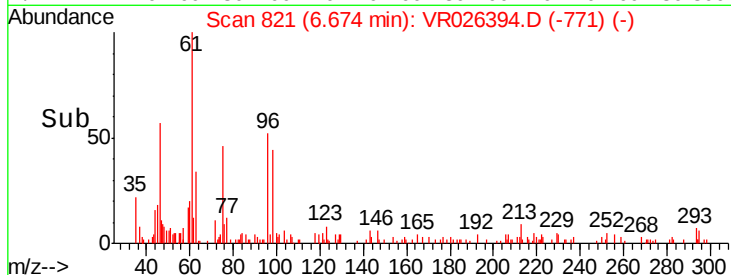
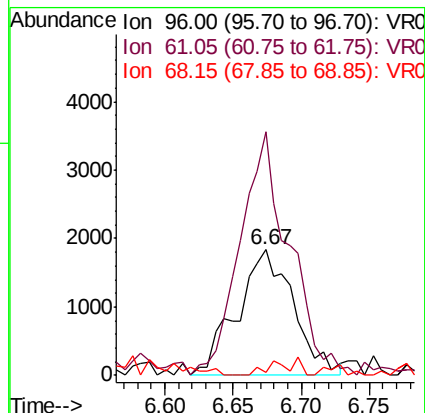
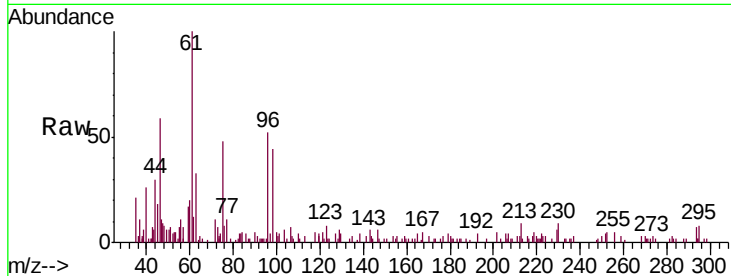




#22

cis-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
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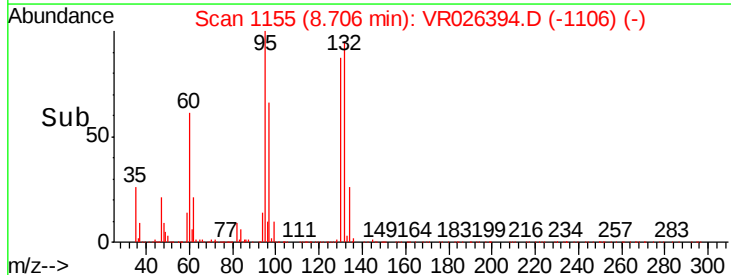
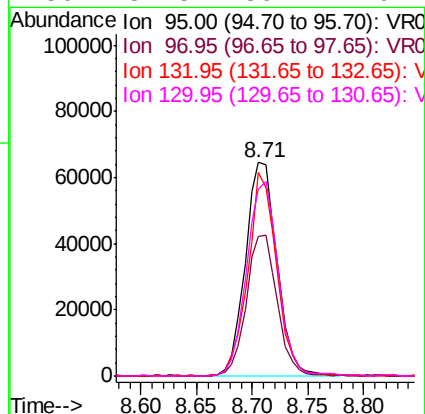
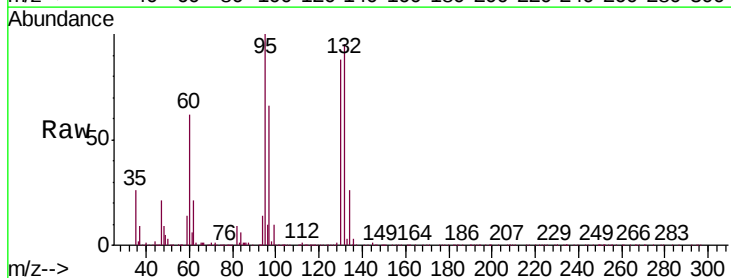
Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.2	100.8	187.2#
68	2.7	0.1	0.1#

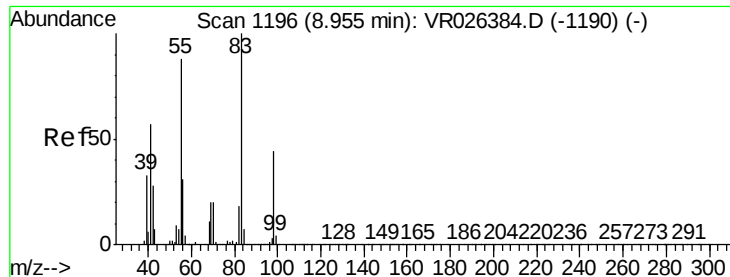


#34

Trichloroethene
Concen: 3.543 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VR026394.D
Acq: 26 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.6	43.5	80.7
132	95.5	58.6	108.8
130	87.5	59.4	110.2





#35

Methylcyclohexane

Concen: 0.737 ug/L

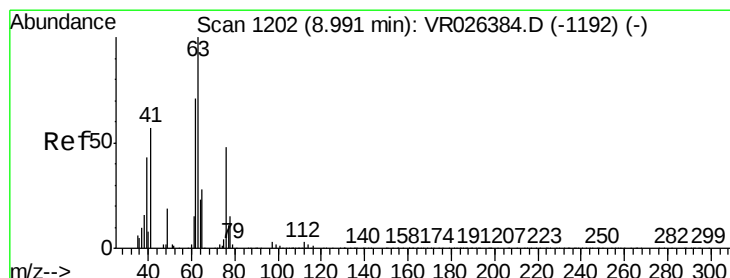
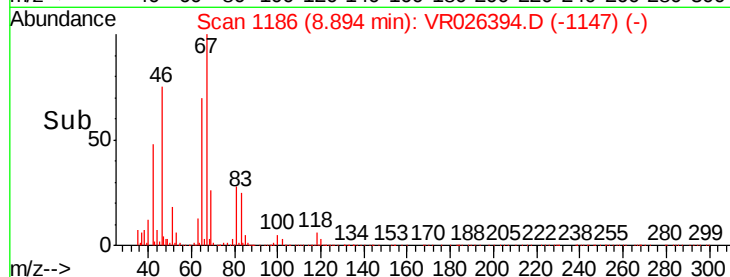
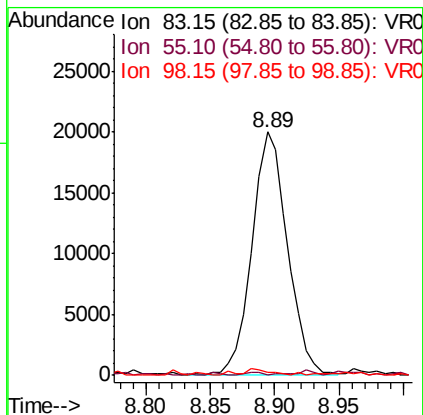
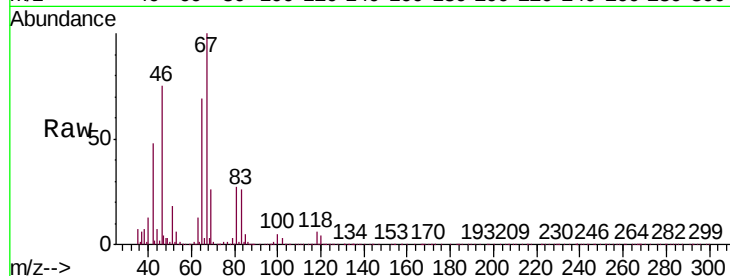
RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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Tgt Ion:	83	Resp:	37681
Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.2	108.2#
98	2.2	35.0	52.4#



#37

1,2-Dichloropropane

Concen: 0.685 ug/L

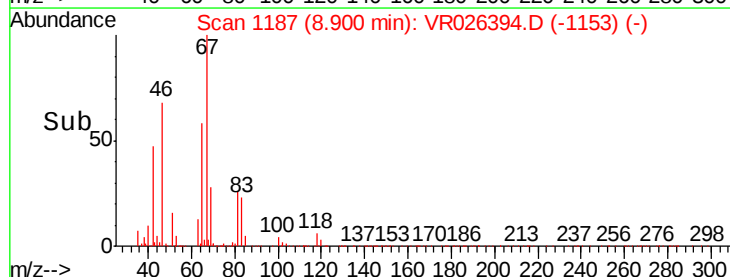
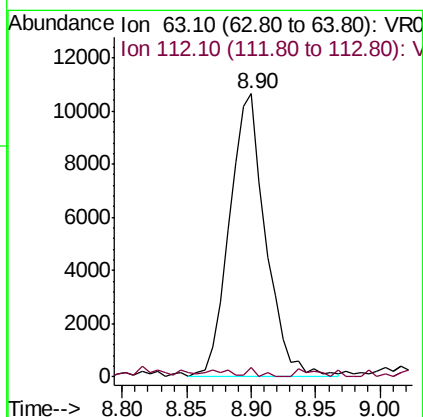
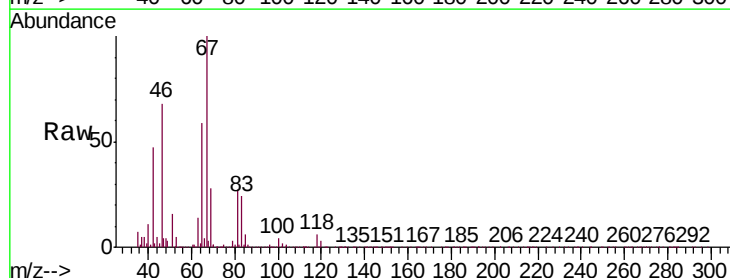
RT: 8.90 min Scan# 1187

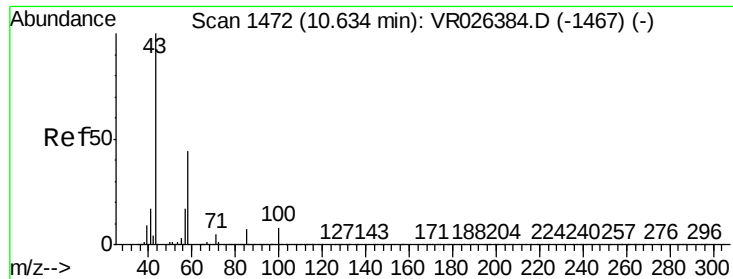
Delta R.T. -0.09 min

Lab File: VR026394.D

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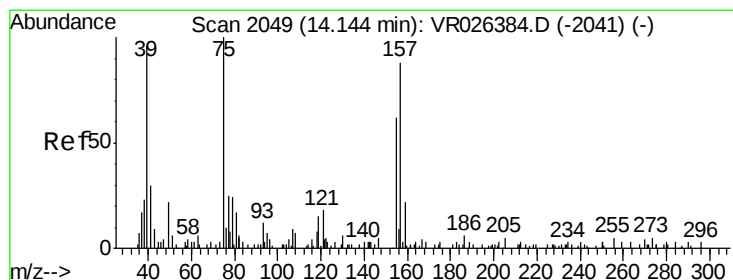
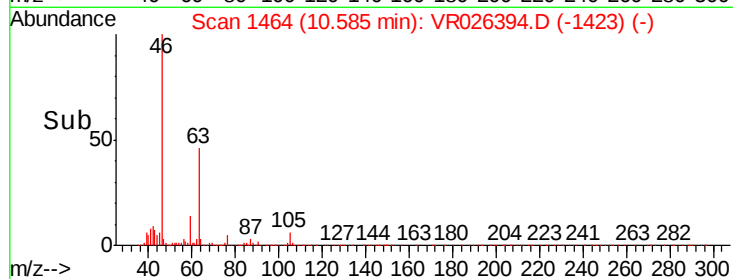
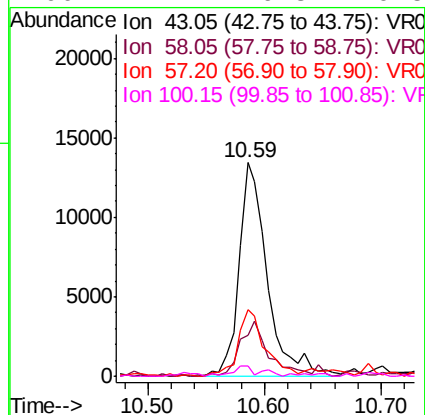
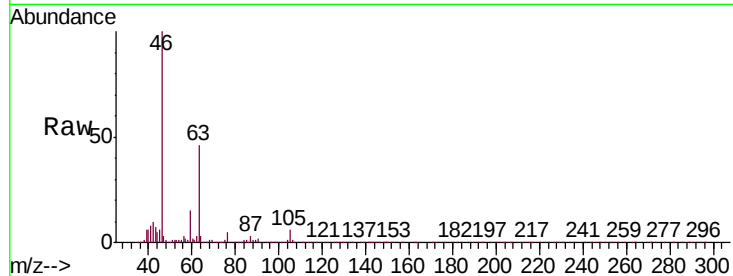
Tgt Ion:	63	Resp:	20844
Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.6	5.4#





#48
2-Hexanone
Concen: 3.966 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026394.D
Acq: 26 Feb 2019 18:31

Tgt Ion:	43	Resp:	22807
Ion	Ratio	Lower	Upper
43	100		
58	26.1	38.4	57.6#
57	29.5	13.2	19.8#
100	4.7	6.3	9.5#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.247 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VR026394.D
Acq: 26 Feb 2019 18:31

Tgt Ion:	75	Resp:	253
Ion	Ratio	Lower	Upper
75	100		
155	26.8	53.8	80.8#
157	49.6	67.4	101.0#

