

Data File : VR026395.D
Acq On : 26 Feb 2019 19:04
Operator : SY/MD
Sample : K1588-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 27 07:35:05 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	429813	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	363364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	107910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	143297	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	2.62	69	136318	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	3.60	63	289352	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	6.59	46	163162	53.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	7.20	84	308647	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.89	65	130548	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.85	84	537048	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	8.89	67	148852	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	9.97	98	466636	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	10.24	79	34510	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	127798	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55534	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	96489	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

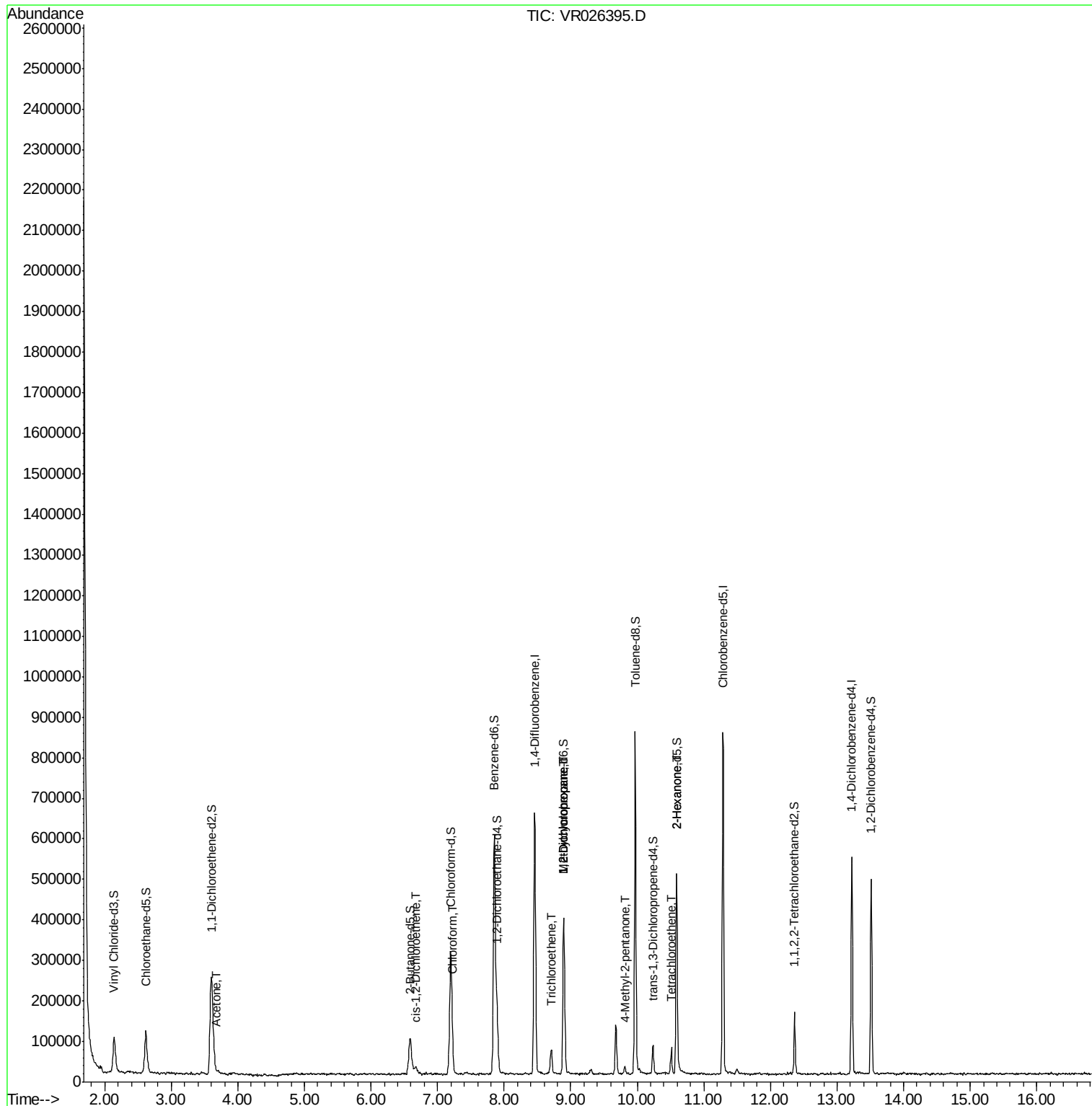
Target Compounds

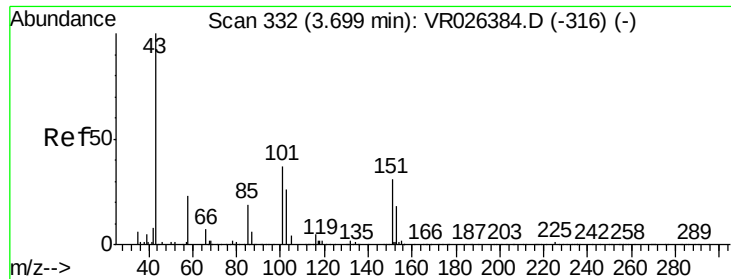
					Qvalue
13) Acetone	3.69	43	7675	2.780 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	7653	0.266 ug/L #	81
25) Chloroform	7.23	83	8727	0.145 ug/L	78
34) Trichloroethene	8.71	95	19966	0.568 ug/L	93
35) Methylcyclohexane	8.89	83	36199	0.727 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20357	0.686 ug/L #	94
40) 4-Methyl-2-pentanone	9.81	43	6798	0.838 ug/L #	58
47) Tetrachloroethene	10.51	164	11518	0.452 ug/L	90
48) 2-Hexanone	10.59	43	20510	3.661 ug/L #	43

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

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#13

Acetone

Concen: 2.780 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

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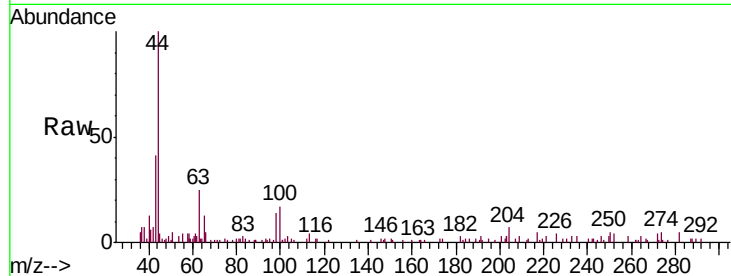
Acq: 26 Feb 2019 19:04

Tgt Ion: 43 Resp: 7675

Ion Ratio Lower Upper

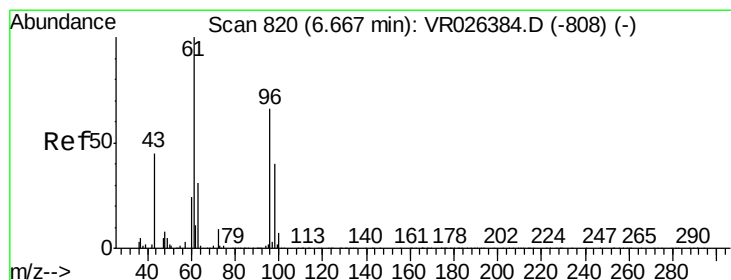
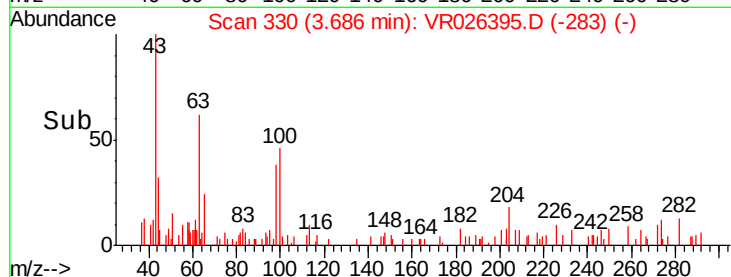
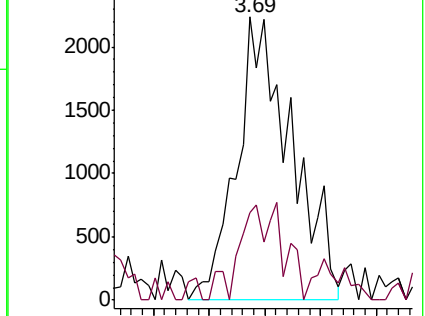
43 100

58 27.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.266 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.01 min

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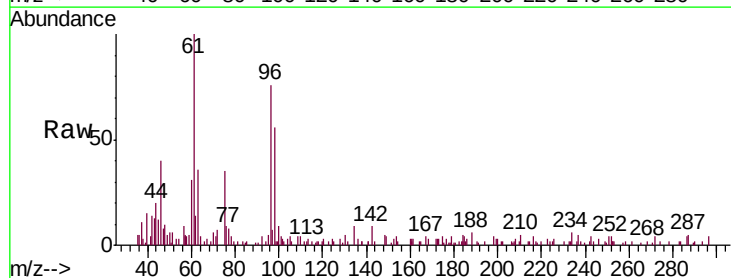
Tgt Ion: 96 Resp: 7653

Ion Ratio Lower Upper

96 100

61 120.4 100.8 187.2

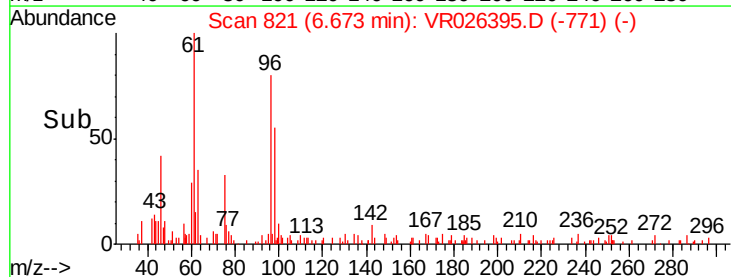
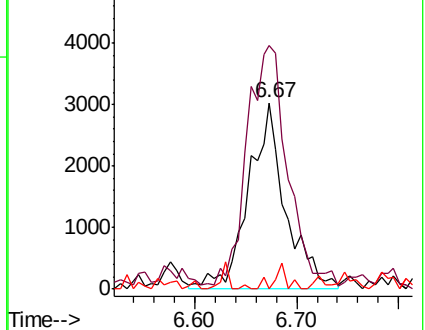
68 0.0 0.1 0.1#

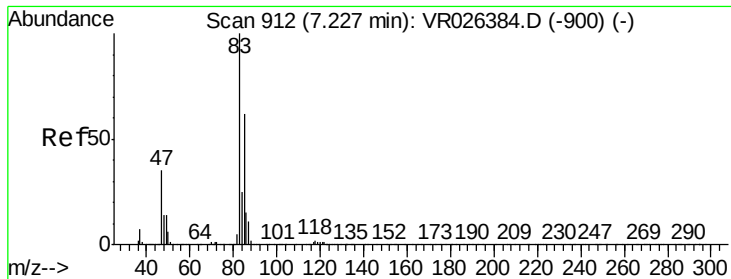


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

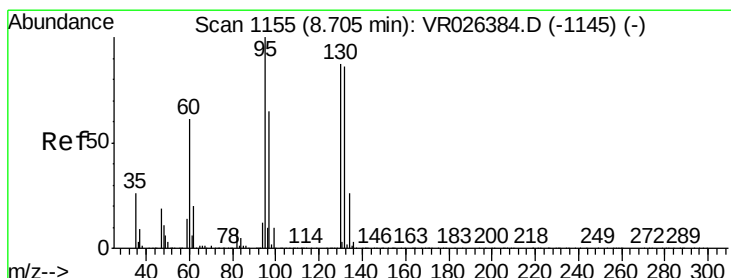
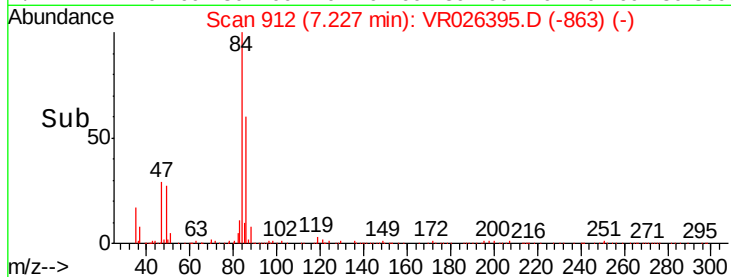
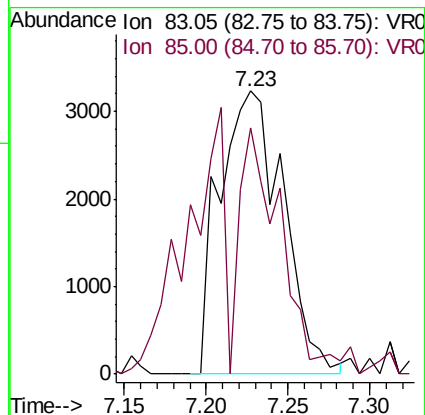
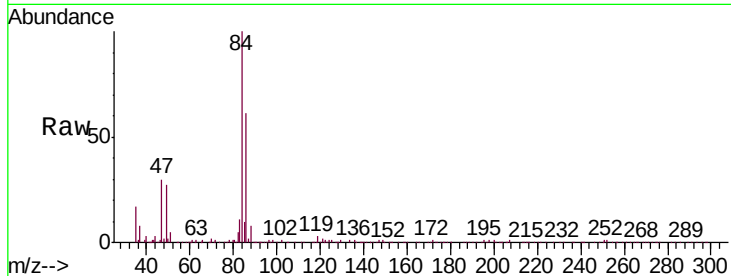
Ion 68.15 (67.85 to 68.85): VR0





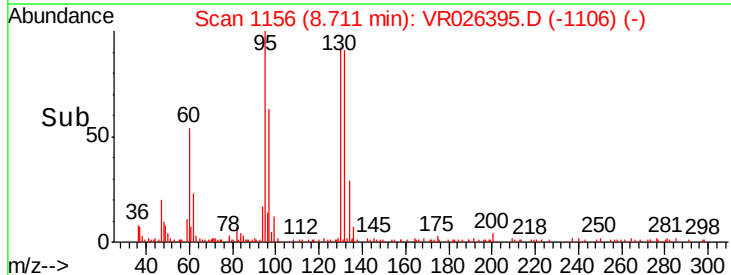
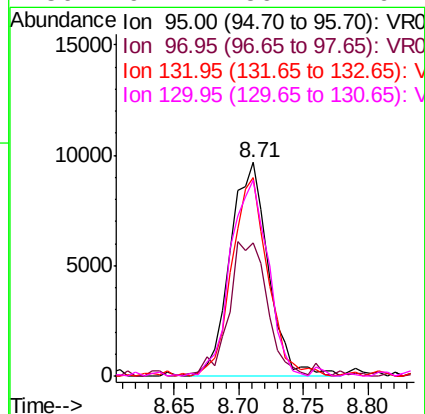
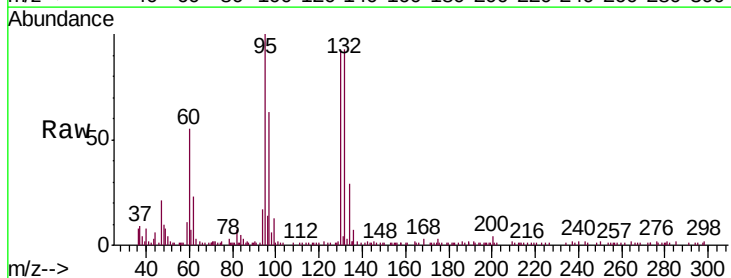
#25
Chloroform
Concen: 0.145 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.00 min
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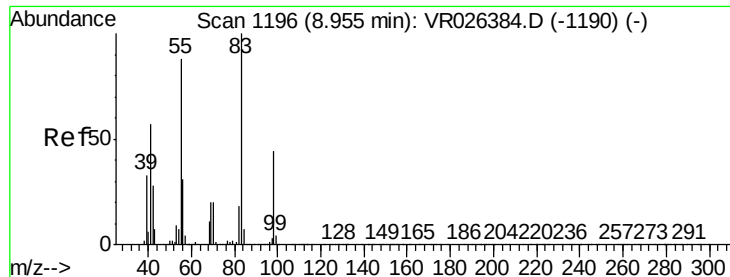
Tgt Ion: 83 Resp: 8727
Ion Ratio Lower Upper
83 100
85 87.2 48.6 90.2



#34
Trichloroethene
Concen: 0.568 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026395.D
Acq: 26 Feb 2019 19:04

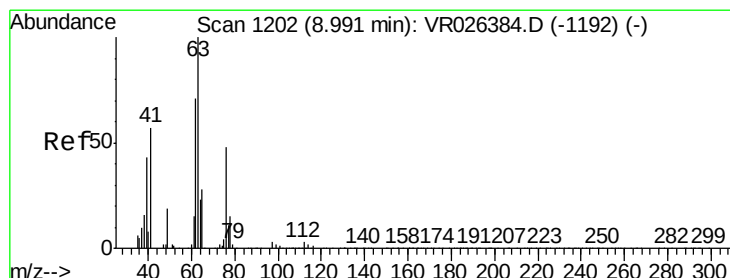
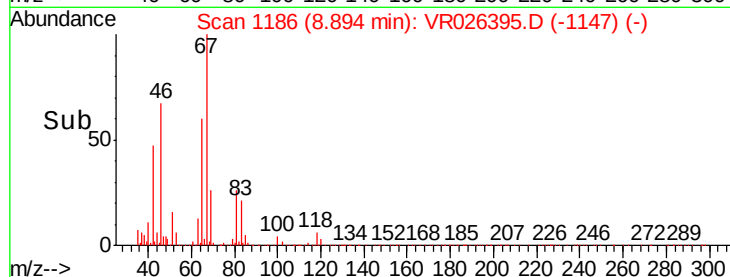
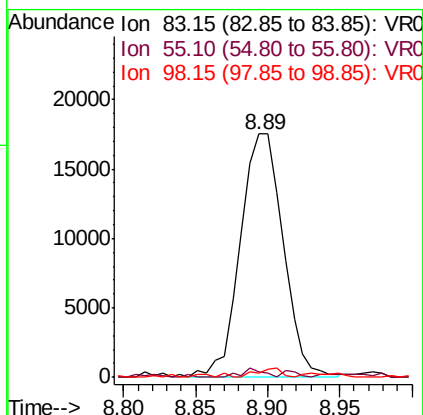
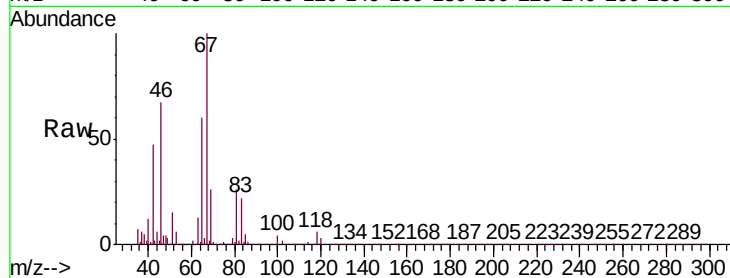
Tgt Ion: 95 Resp: 19966
Ion Ratio Lower Upper
95 100
97 62.5 43.5 80.7
132 93.1 58.6 108.8
130 91.7 59.4 110.2





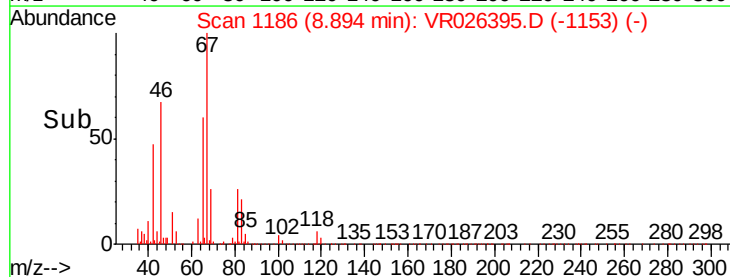
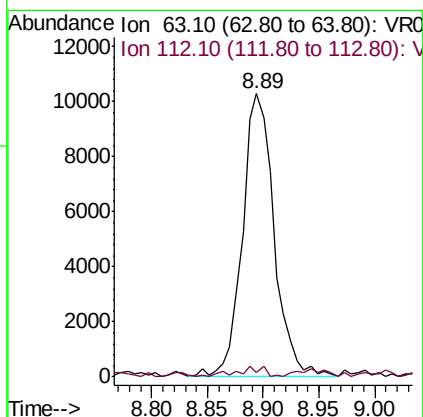
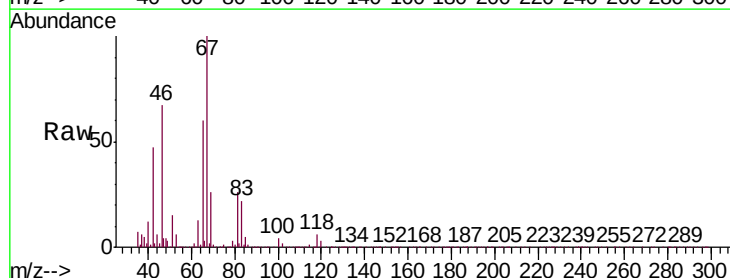
#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026395.D
Acq: 26 Feb 2019 19:04

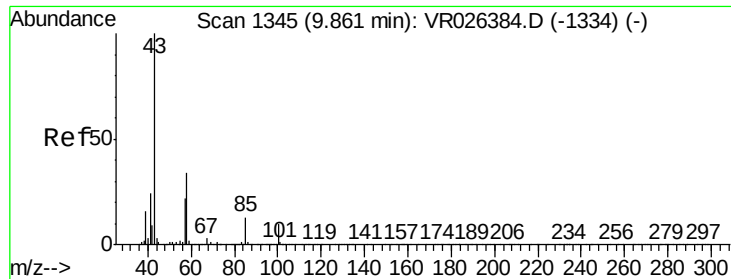
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.8	72.2	108.2#
98	0.0	35.0	52.4#



#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026395.D
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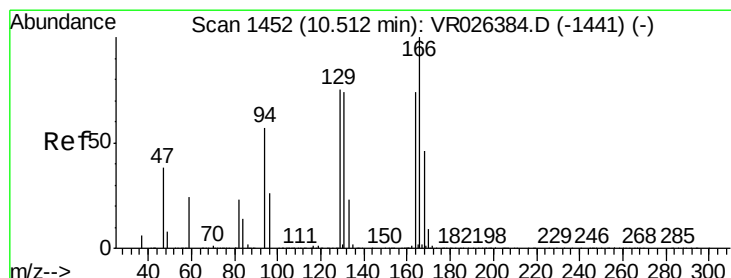
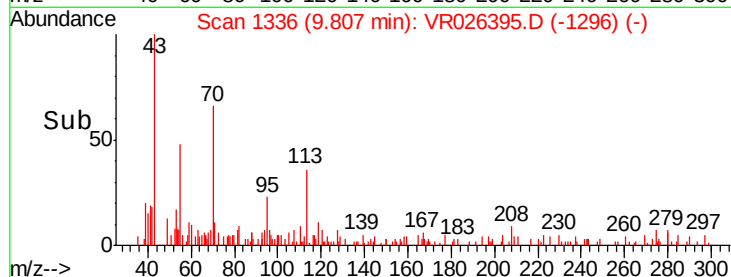
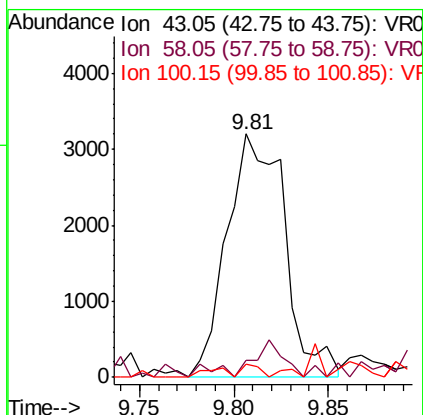
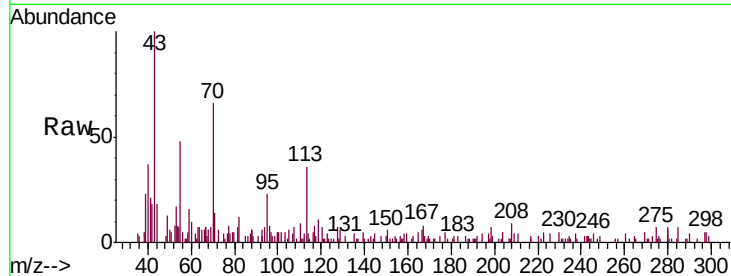
Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.6	5.4#





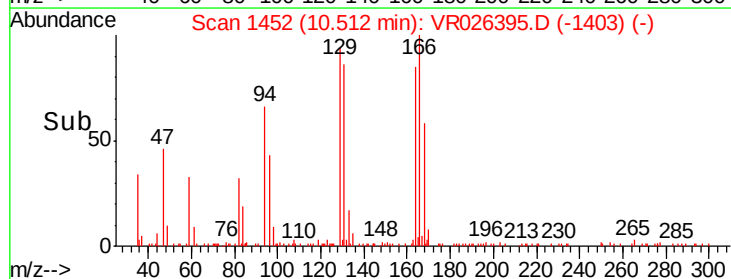
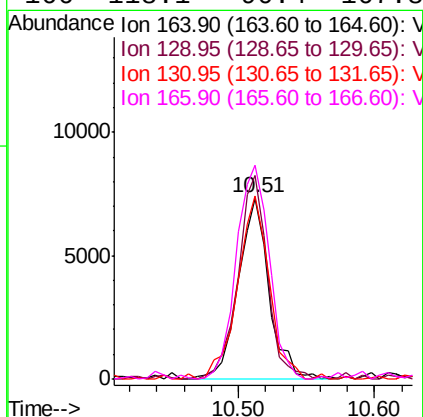
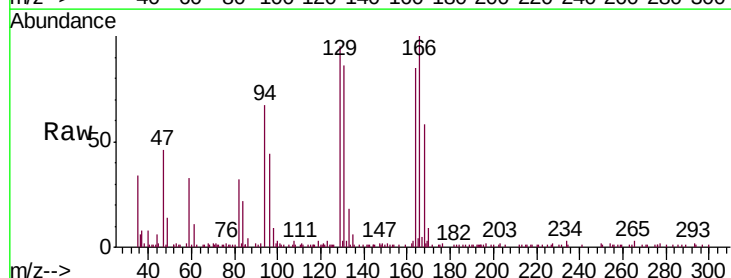
#40
4-Methyl-2-pentanone
Concen: 0.838 ug/L
RT: 9.81 min Scan# 1336
Delta R.T. -0.05 min
Lab File: VR026395.D
Acq: 26 Feb 2019 19:04

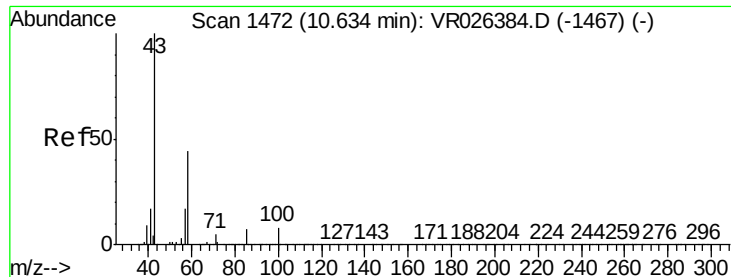
Tgt Ion:	43	Resp:	6798
Ion	Ratio	Lower	Upper
43	100		
58	7.3	26.7	40.1#
100	0.0	8.4	12.6#



#47
Tetrachloroethene
Concen: 0.452 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026395.D
Acq: 26 Feb 2019 19:04

Tgt Ion:	164	Resp:	11518
Ion	Ratio	Lower	Upper
164	100		
129	112.2	67.2	124.8
131	101.3	67.3	125.1
166	118.1	90.4	167.8





#48
 2-Hexanone
 Concen: 3.661 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026395.D
 Acq: 26 Feb 2019 19:04

Tgt Ion:	43	Resp:	20510
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.4	57.6#
57	32.7	13.2	19.8#
100	4.1	6.3	9.5#

