

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101818\
 Data File : VR026139.D
 Acq On : 18 Oct 2018 17:53
 Operator : SY/MD
 Sample : J5464-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE8

Quant Time: Oct 19 04:43:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 04:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	494011	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	432447	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	212249	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	2.63	69	189962	5.11	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.64	63	394260	3.71	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	6.59	46	212584	59.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.78%
24) Chloroform-d	7.20	84	323314	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	7.90	65	146069	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	7.85	84	648742	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.90	67	182100	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	9.97	98	623742	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	10.24	79	33876	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	10.59	63	176341	64.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72023	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	118487	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

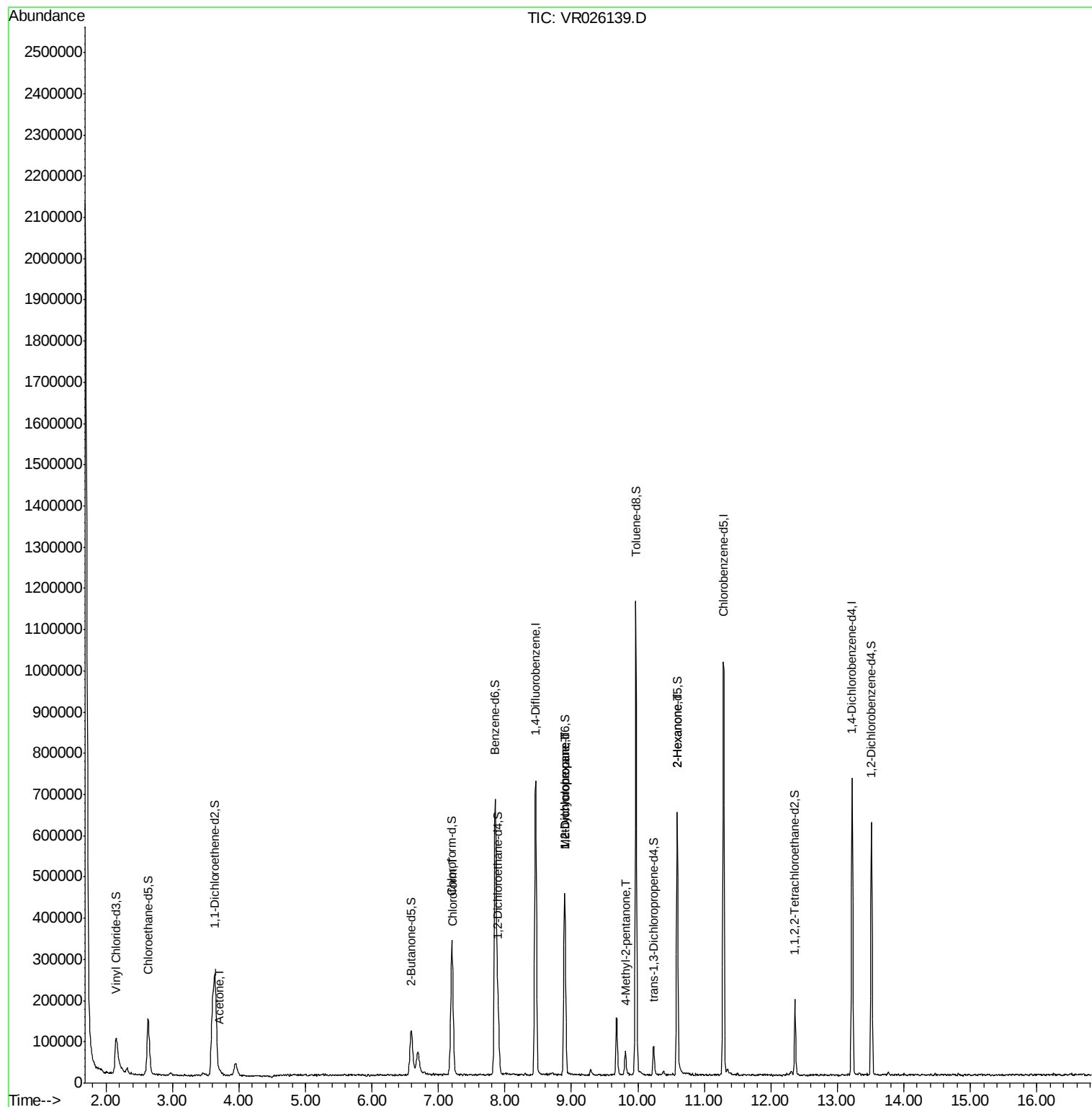
					Qvalue
13) Acetone	3.70	43	10466	2.852	ug/L 92
25) Chloroform	7.22	83	8024	0.121	ug/L 88
35) Methylcyclohexane	8.90	83	42033	0.680	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	22547	0.659	ug/L # 93
40) 4-Methyl-2-pentanone	9.81	43	25083	2.399	ug/L # 51
48) 2-Hexanone	10.59	43	26891	3.938	ug/L # 72

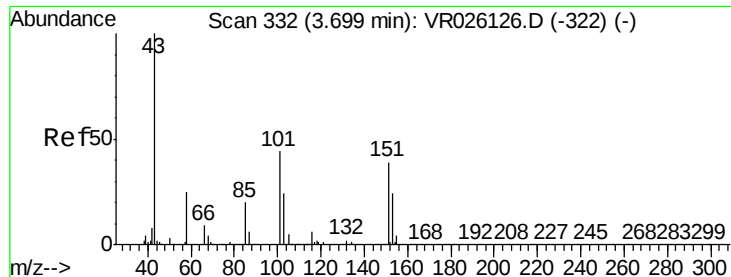
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.852 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026139.D

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Instrument :

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ClientSampleId :

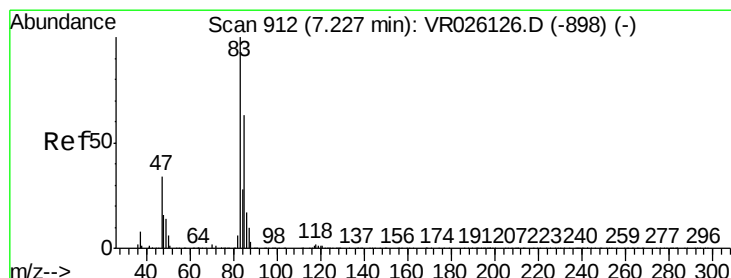
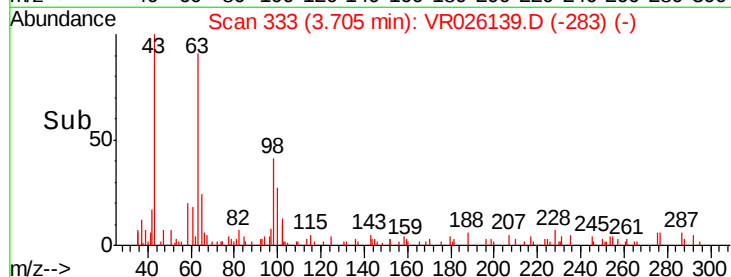
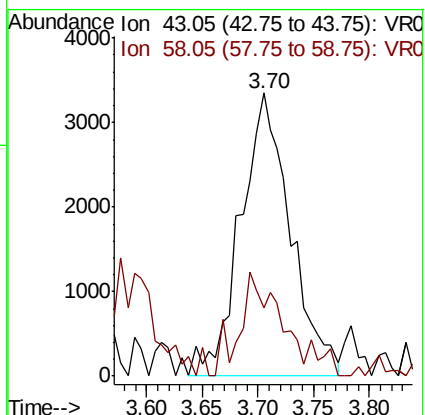
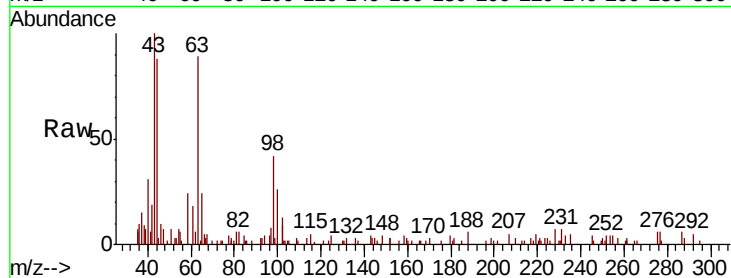
C0JE8

Tgt Ion: 43 Resp: 10466

Ion Ratio Lower Upper

43 100

58 23.3 0.0 55.4



#25

Chloroform

Concen: 0.121 ug/L

RT: 7.22 min Scan# 911

Delta R.T. -0.01 min

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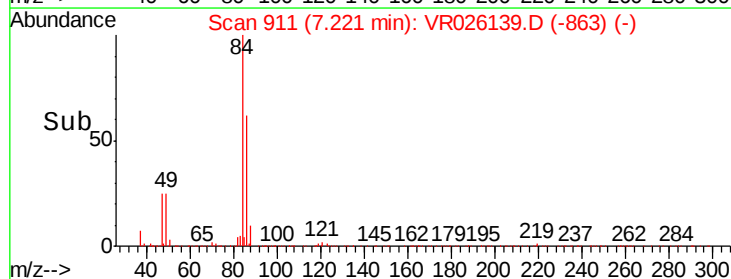
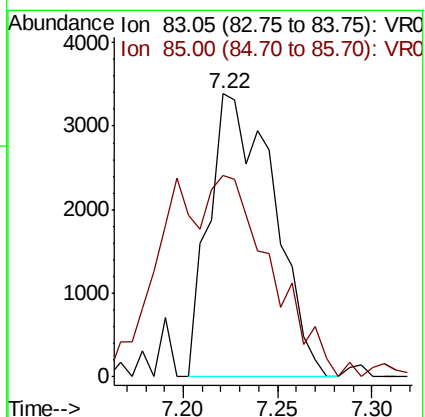
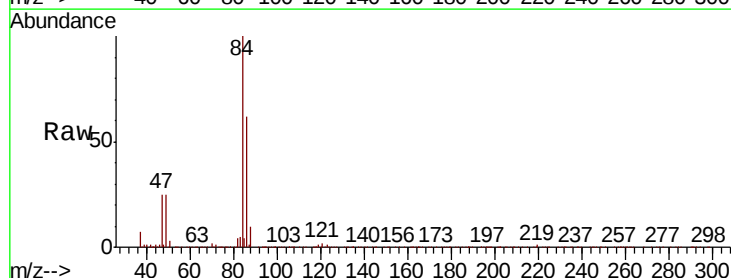
Acq: 18 Oct 2018 17:53

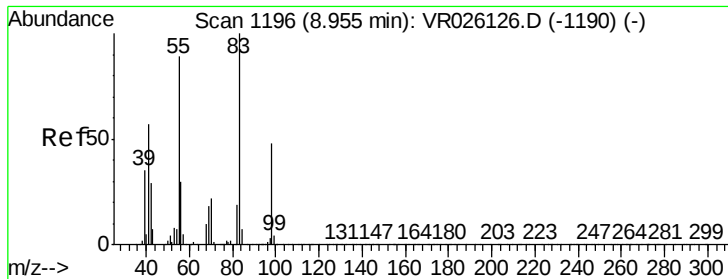
Tgt Ion: 83 Resp: 8024

Ion Ratio Lower Upper

83 100

85 71.0 43.5 80.7

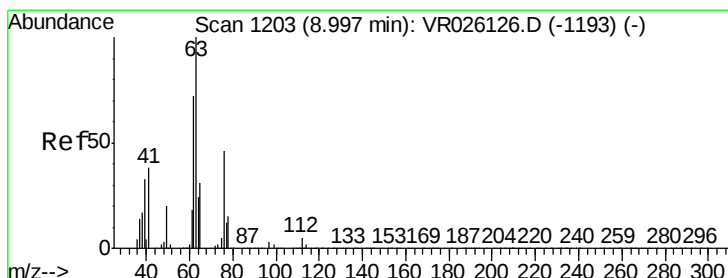
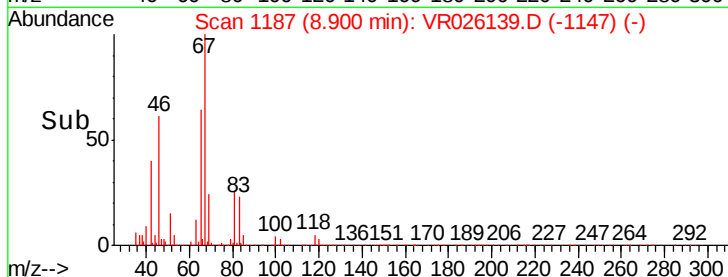
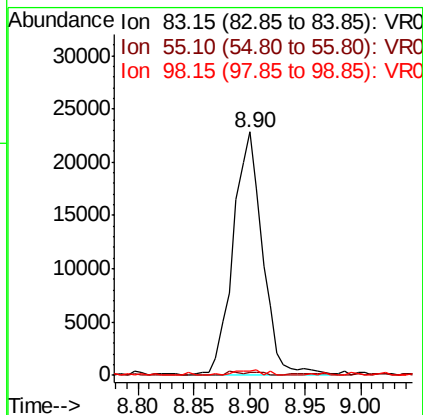
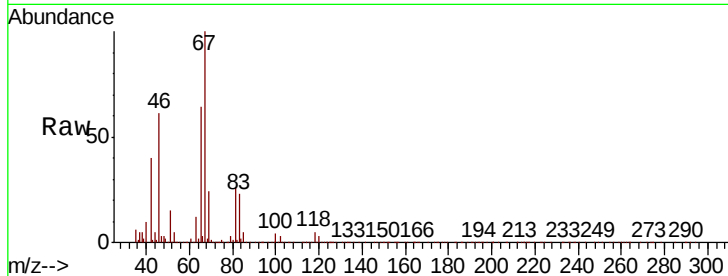




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026139.D
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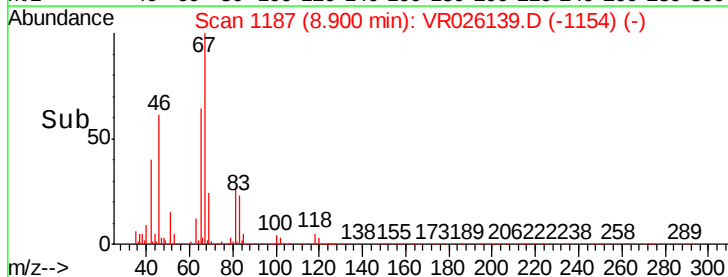
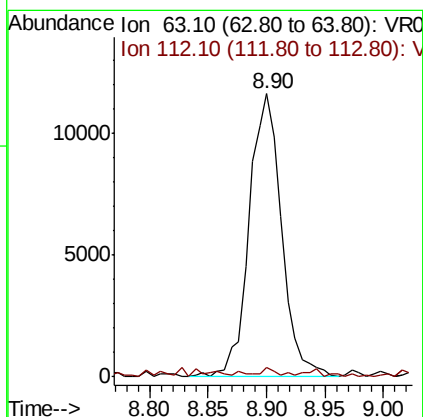
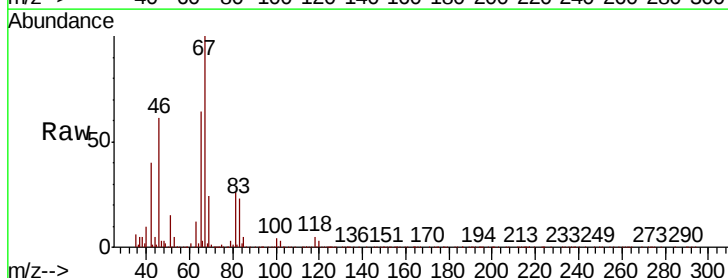
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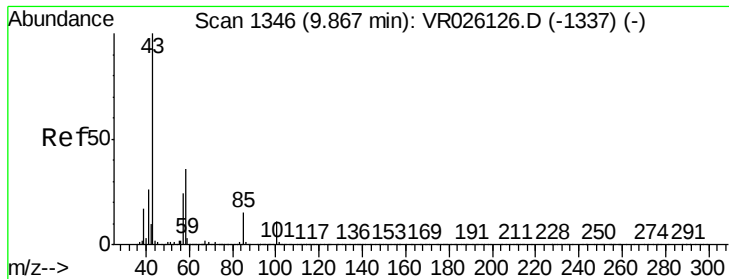
Tgt Ion: 83 Resp: 42033
Ion Ratio Lower Upper
83 100
55 0.7 66.8 100.2#
98 2.2 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026139.D
Acq: 18 Oct 2018 17:53

Tgt Ion: 63 Resp: 22547
Ion Ratio Lower Upper
63 100
112 0.9 2.7 4.1#

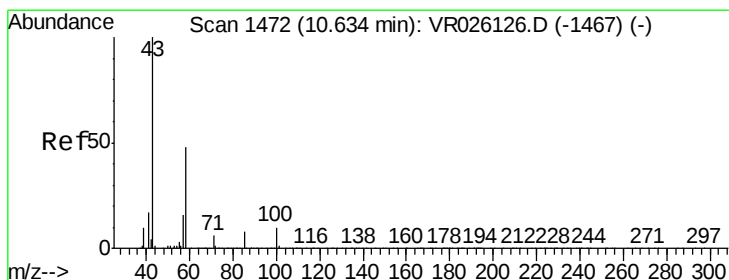
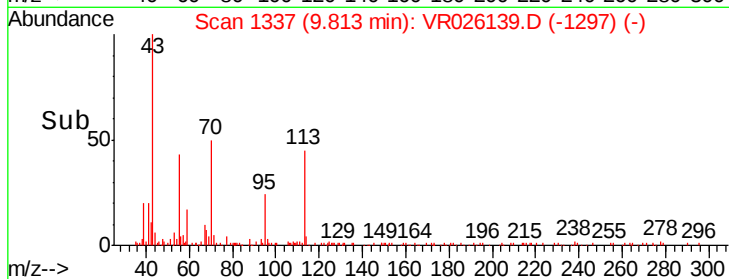
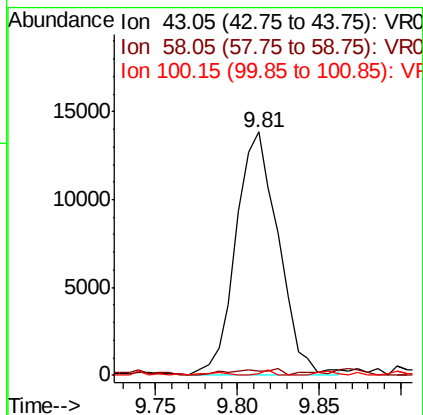
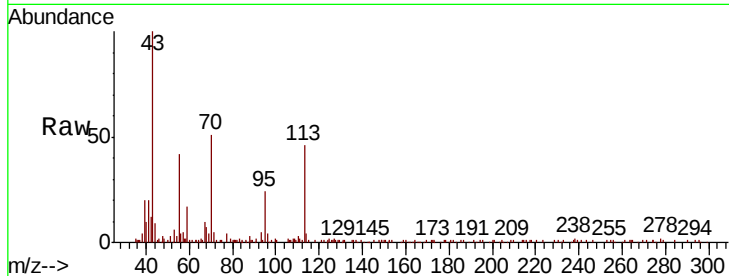




#40
 4-Methyl-2-pentanone
 Concen: 2.399 ug/L
 RT: 9.81 min Scan# 1337
 Delta R.T. -0.05 min
 Lab File: VR026139.D
 Acq: 18 Oct 2018 17:53

Instrument :
 MSVOA_R
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 C0JE8

Tgt Ion: 43 Resp: 25083
 Ion Ratio Lower Upper
 43 100
 58 3.3 28.1 42.1#
 100 0.0 9.3 13.9#



#48
 2-Hexanone
 Concen: 3.938 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026139.D
 Acq: 18 Oct 2018 17:53

Tgt Ion: 43 Resp: 26891
 Ion Ratio Lower Upper
 43 100
 58 27.9 39.6 59.4#
 57 28.7 14.0 21.0#
 100 3.8 7.0 10.6#

