

Data File : VR025782.D
Acq On : 20 Sep 2018 20:28
Operator : SY/MD
Sample : J4991-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T26

Quant Time: Sep 21 07:43:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	548414	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	150567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98682	4.21	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.63	69	83836	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	3.60	63	154806	2.39	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.80%#
20) 2-Butanone-d5	6.59	46	234443	55.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.52%
24) Chloroform-d	7.20	84	277215	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	7.89	65	123787	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	7.85	84	486257	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.90	67	152128	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	9.97	98	375972	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.24	79	44644	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	10.59	63	184302	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69183	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	86611	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

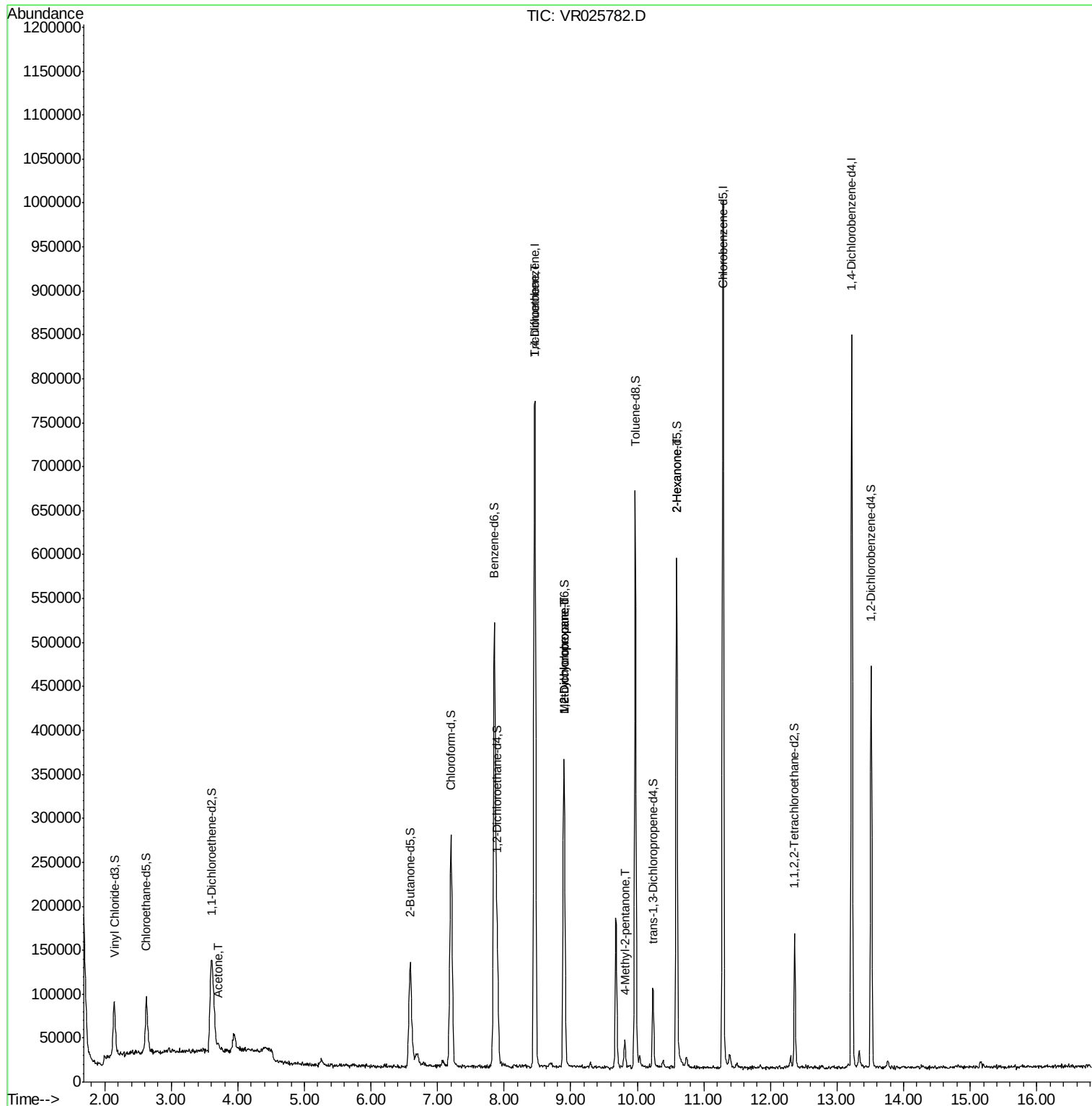
					Qvalue
13) Acetone	3.70	43	9772	4.375	ug/L 88
34) Trichloroethene	8.46	95	19719	0.328	ug/L # 12
35) Methylcyclohexane	8.90	83	34156	0.346	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	19438	0.411	ug/L # 90
40) 4-Methyl-2-pentanone	9.81	43	15825	0.945	ug/L # 50
48) 2-Hexanone	10.59	43	25434	2.283	ug/L # 71

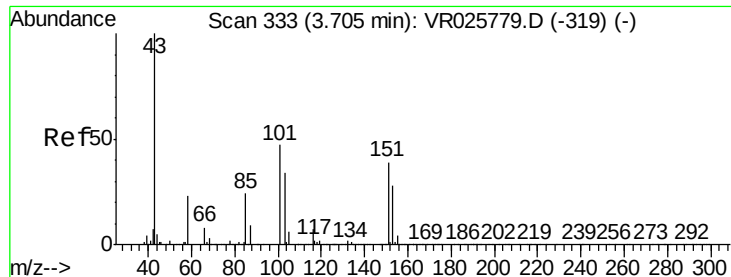
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.375 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampled :

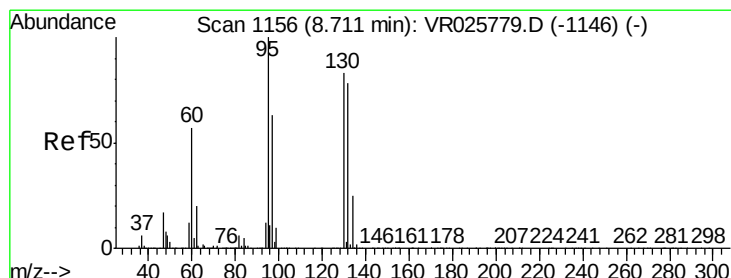
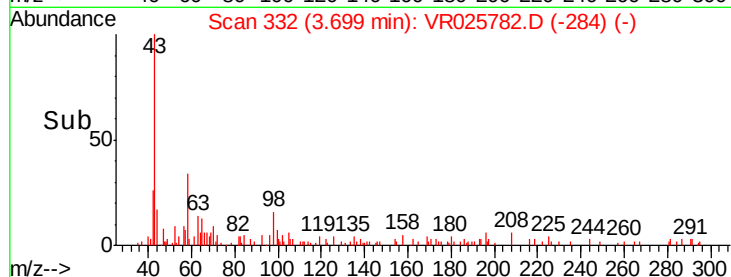
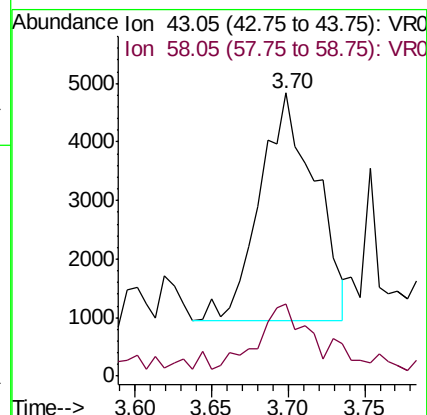
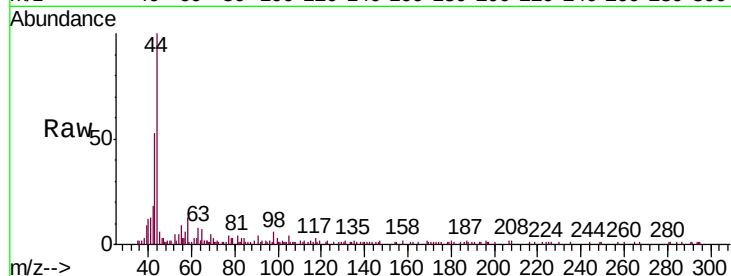
C0T26

Tgt Ion: 43 Resp: 9772

Ion Ratio Lower Upper

43 100

58 24.6 0.0 63.0



#34

Trichloroethene

Concen: 0.328 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

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Tgt Ion: 95 Resp: 19719

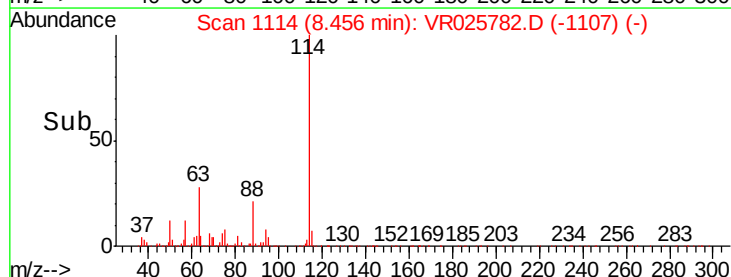
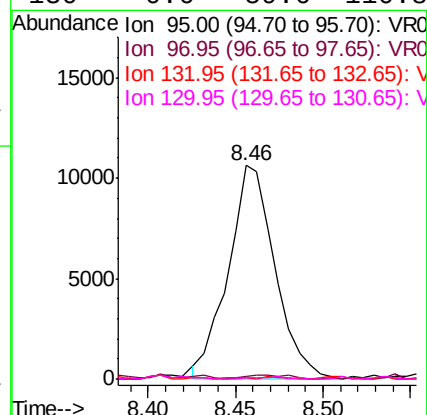
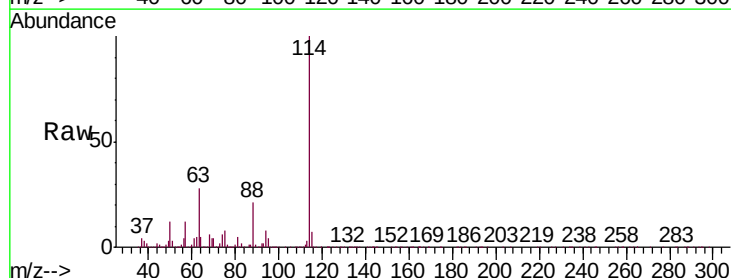
Ion Ratio Lower Upper

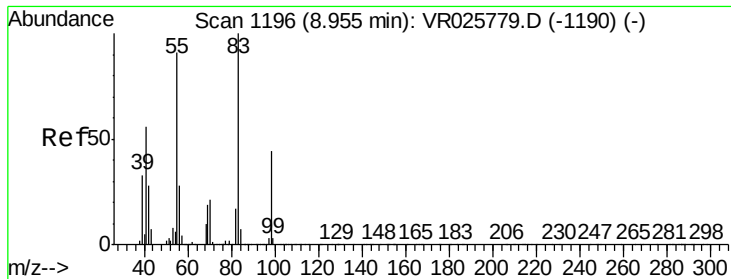
95 100

97 1.5 46.2 85.8#

132 0.6 56.0 104.0#

130 0.6 59.6 110.8#

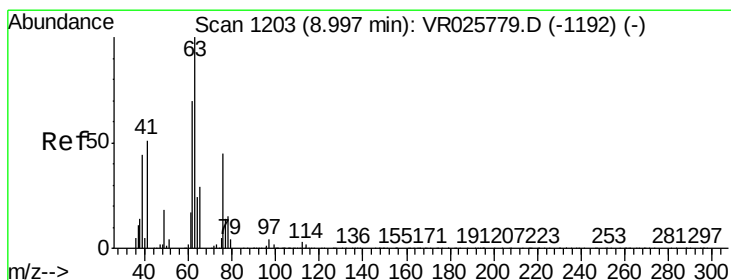
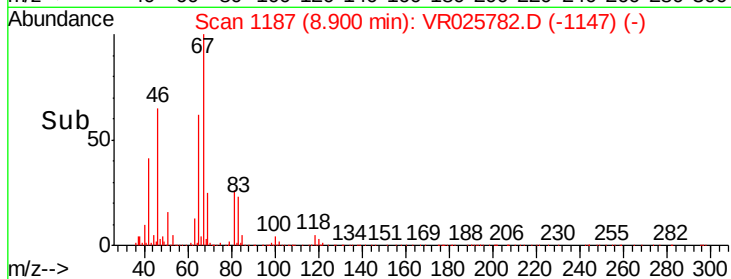
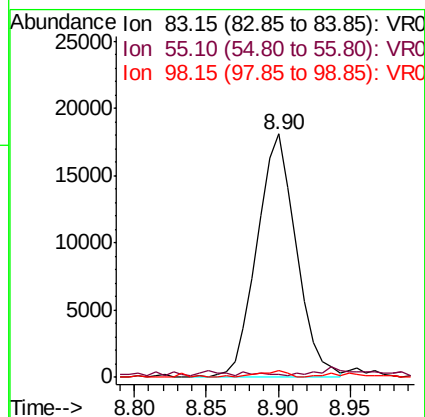
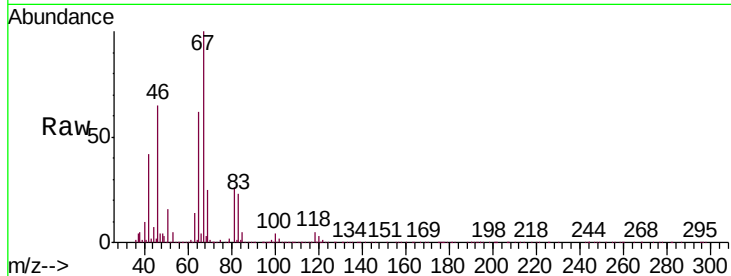




#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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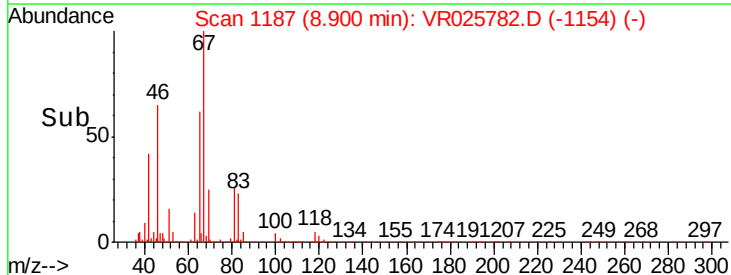
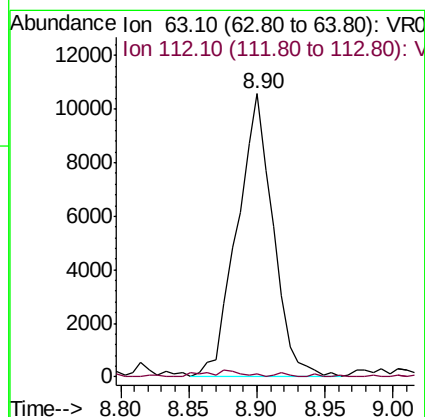
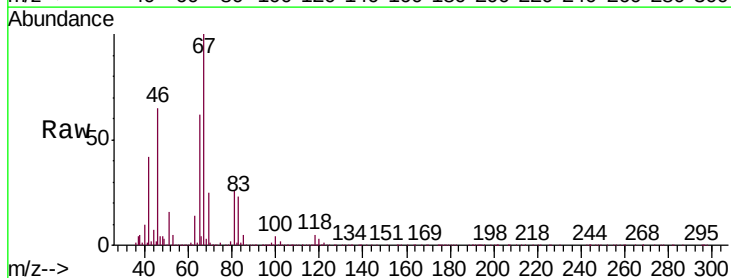
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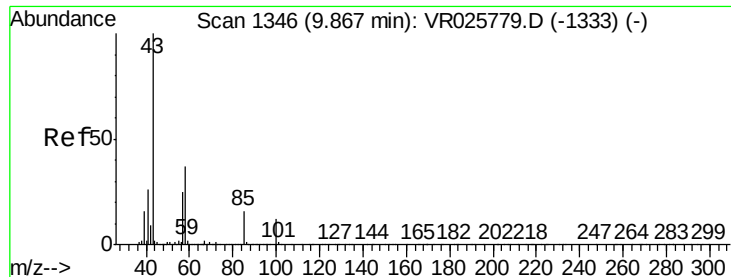
Tgt Ion: 83 Resp: 34156
Ion Ratio Lower Upper
83 100
55 0.6 70.3 105.5#
98 2.0 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025782.D
Acq: 20 Sep 2018 20:28

Tgt Ion: 63 Resp: 19438
Ion Ratio Lower Upper
63 100
112 0.6 3.0 4.6#

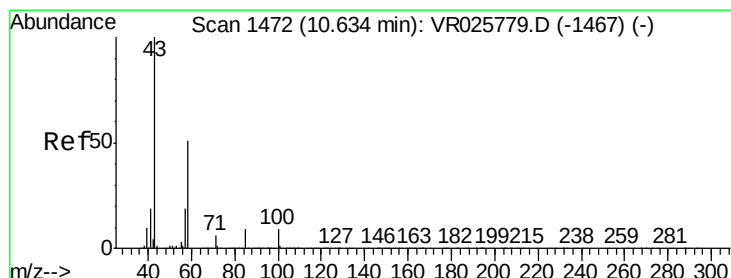
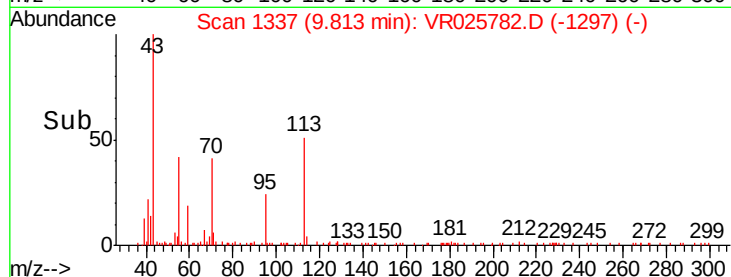
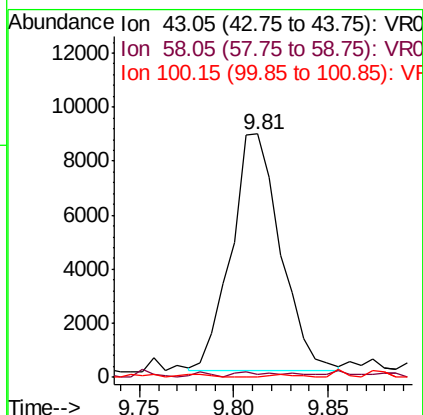
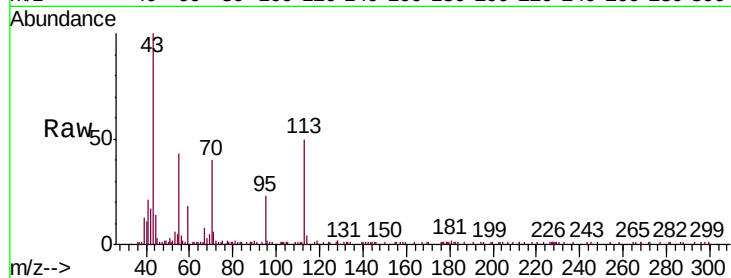




#40
 4-Methyl-2-pentanone
 Concen: 0.945 ug/L
 RT: 9.81 min Scan# 1337
 Delta R.T. -0.05 min
 Lab File: VR025782.D
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 MSVOA_R
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 C0T26

Tgt Ion:	43	Resp:	15825
Ion	Ratio	Lower	Upper
43	100		
58	2.7	28.3	42.5#
100	0.0	9.3	13.9#



#48
 2-Hexanone
 Concen: 2.283 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025782.D
 Acq: 20 Sep 2018 20:28

Tgt Ion:	43	Resp:	25434
Ion	Ratio	Lower	Upper
43	100		
58	23.5	39.9	59.9#
57	20.5	14.3	21.5
100	0.5	7.0	10.6#

