

Data File : VR026350.D
Acq On : 20 Feb 2019 13:27
Operator : SY/MD
Sample : K1488-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXD3

Quant Time: Feb 21 07:41:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	612345	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	524269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144793	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	232951	4.81	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	2.63	69	216980	5.14	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	73.43%
11) 1,1-Dichloroethene-d2	3.60	63	476809	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	6.58	46	191986	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	7.20	84	429386	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.89	65	169680	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	836832	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	8.89	67	222915	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	9.97	98	775713	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	10.23	79	51685	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	10.59	63	159784	55.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81700	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	145031	6.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.60%#

Target Compounds

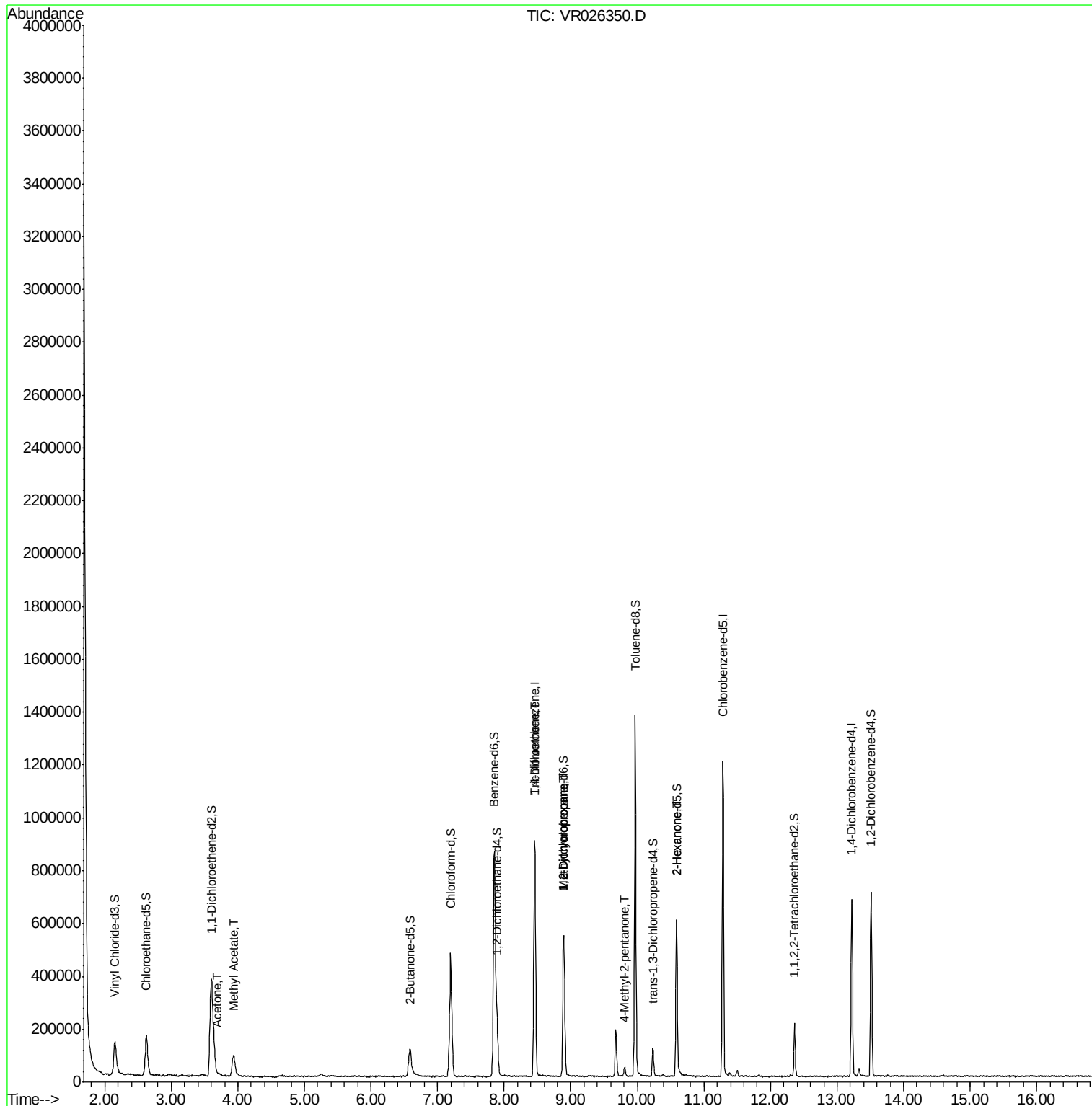
					Qvalue
13) Acetone	3.69	43	8853	2.286 ug/L	61
15) Methyl Acetate	3.94	43	38892	3.631 ug/L #	53
34) Trichloroethene	8.46	95	19318	0.403 ug/L #	10
35) Methylcyclohexane	8.89	83	54276	0.853 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25905	0.629 ug/L #	95
40) 4-Methyl-2-pentanone	9.81	43	13736	1.277 ug/L #	53
48) 2-Hexanone	10.59	43	24884	3.367 ug/L #	70

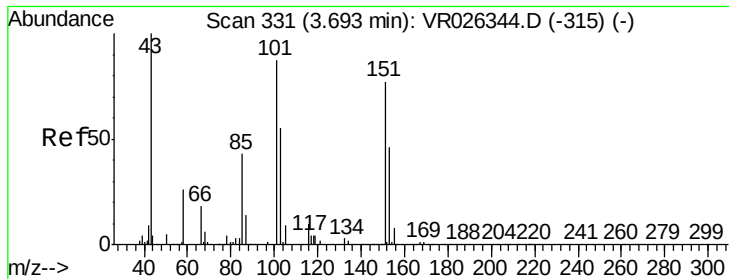
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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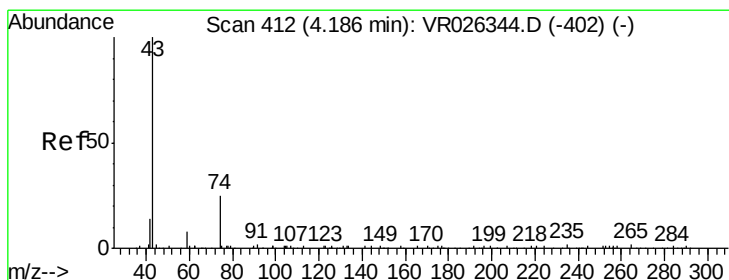
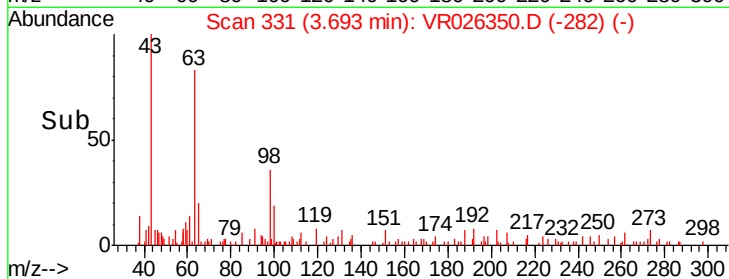
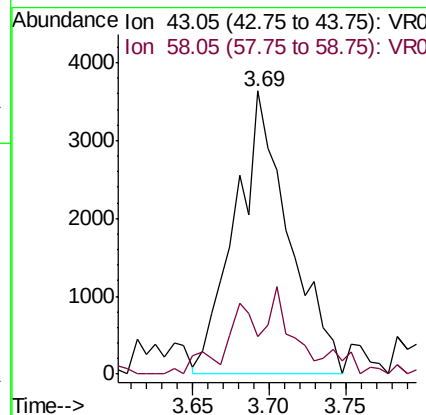
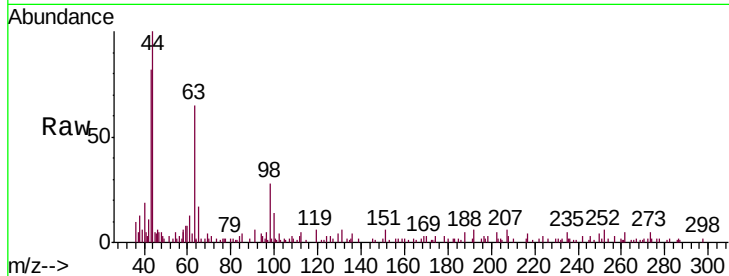




#13
Acetone
Concen: 2.286 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.00 min
Lab File: VR026350.D
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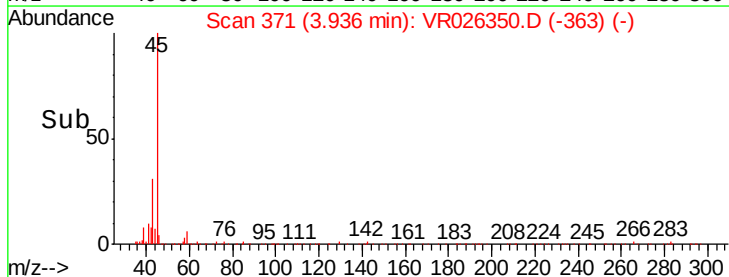
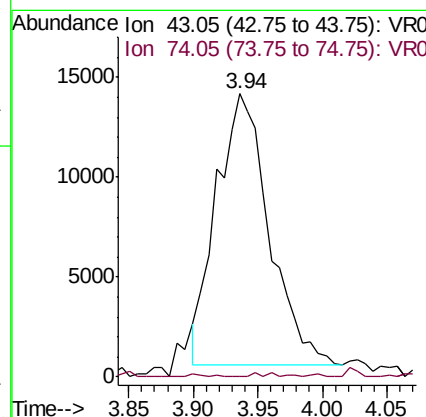
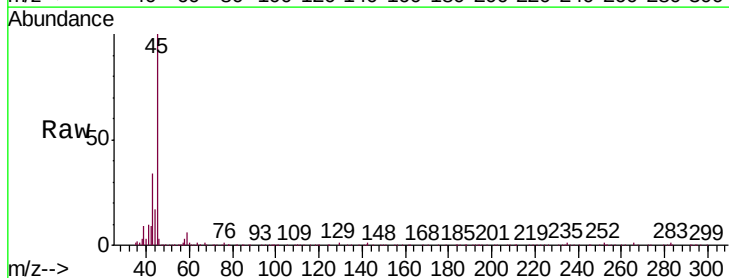
Instrument :
MSVOA_R
ClientSampled :
ESXD3

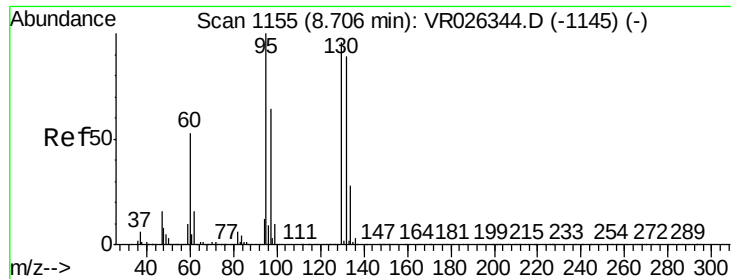
Tgt Ion: 43 Resp: 8853
Ion Ratio Lower Upper
43 100
58 8.3 0.0 58.0



#15
Methyl Acetate
Concen: 3.631 ug/L
RT: 3.94 min Scan# 371
Delta R.T. -0.25 min
Lab File: VR026350.D
Acq: 20 Feb 2019 13:27

Tgt Ion: 43 Resp: 38892
Ion Ratio Lower Upper
43 100
74 0.2 18.6 28.0#





#34

Trichloroethene

Concen: 0.403 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026350.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_R

ClientSampleId :

ESXD3

Tgt Ion: 95 Resp: 19318

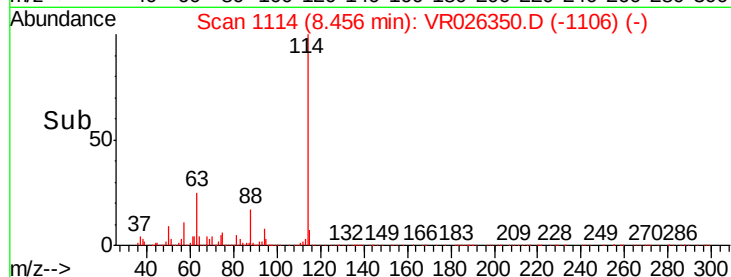
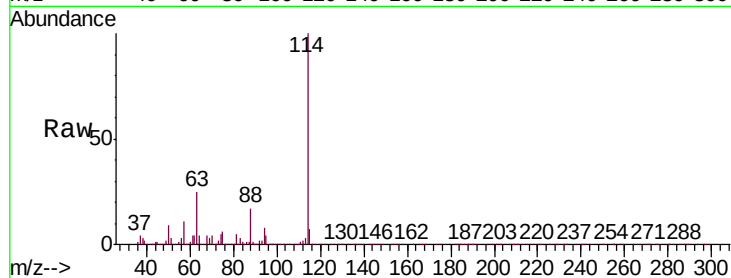
Ion Ratio Lower Upper

95 100

97 1.2 45.1 83.9#

132 0.6 60.7 112.7#

130 1.2 62.8 116.6#

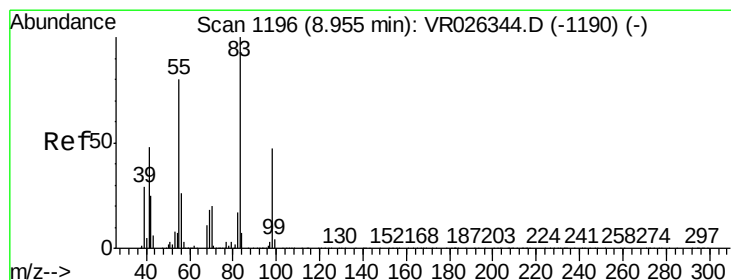
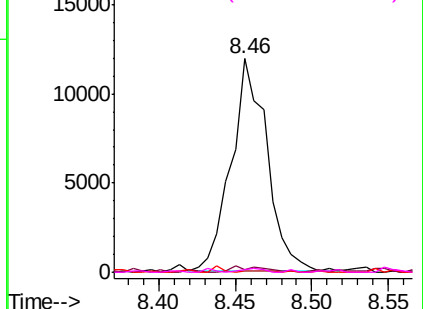


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.853 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026350.D

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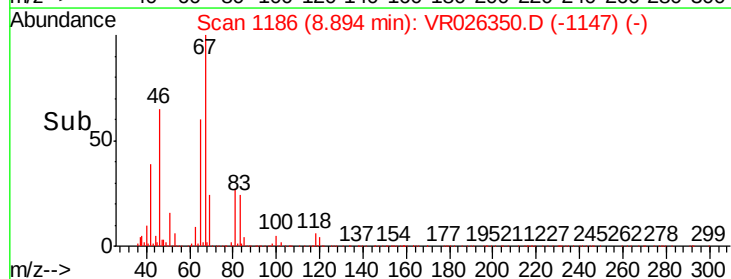
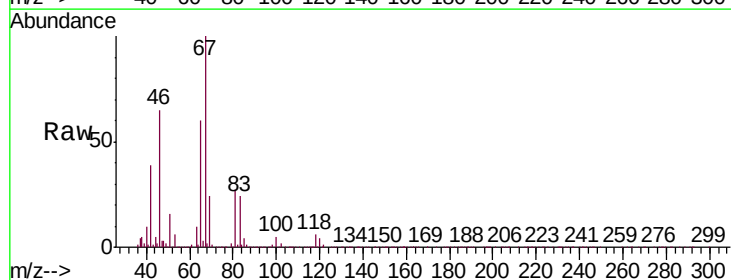
Tgt Ion: 83 Resp: 54276

Ion Ratio Lower Upper

83 100

55 1.2 67.3 100.9#

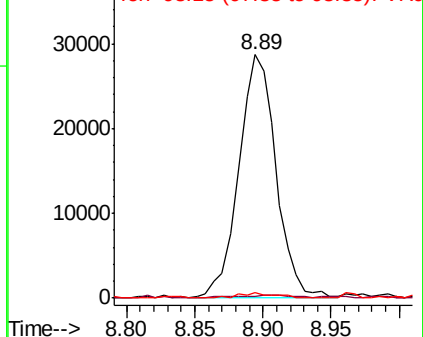
98 2.3 37.0 55.4#

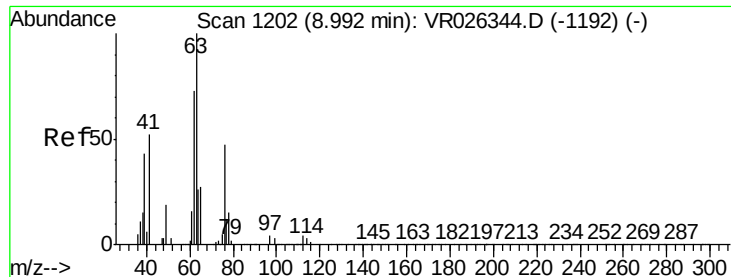


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

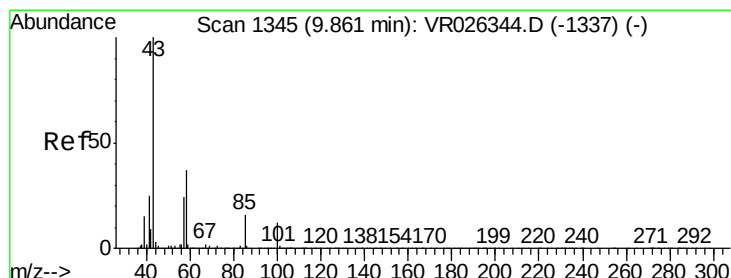
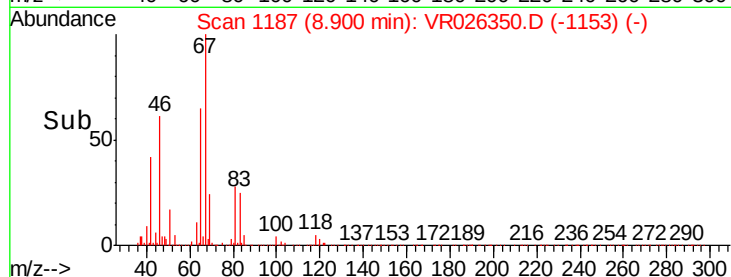
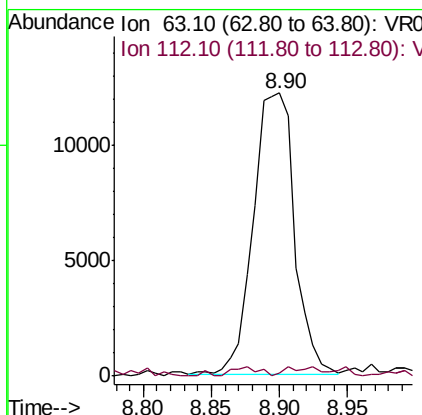
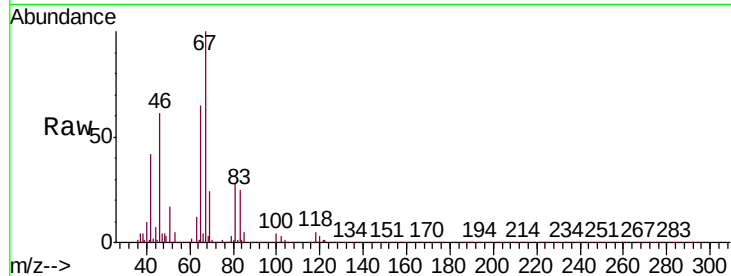




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026350.D
 Acq: 20 Feb 2019 13:27

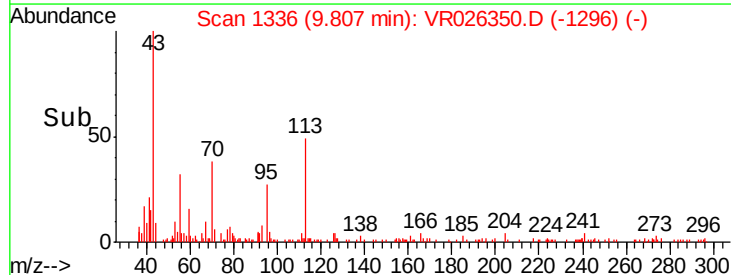
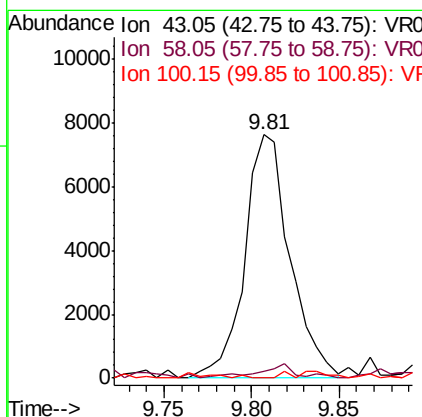
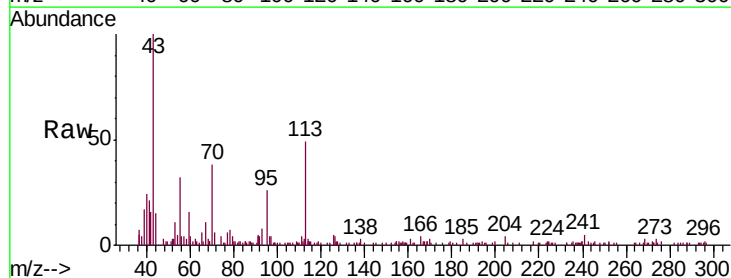
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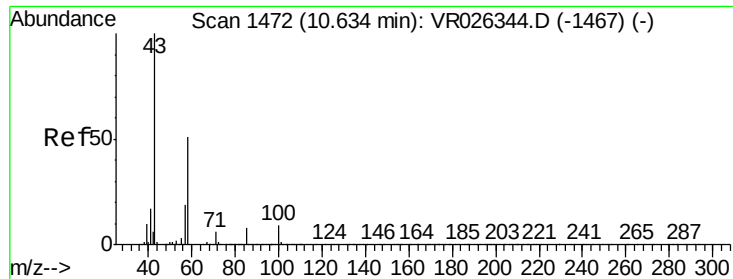
Tgt Ion: 63 Resp: 25905
 Ion Ratio Lower Upper
 63 100
 112 2.6 3.4 5.0#



#40
 4-Methyl-2-pentanone
 Concen: 1.277 ug/L
 RT: 9.81 min Scan# 1336
 Delta R.T. -0.05 min
 Lab File: VR026350.D
 Acq: 20 Feb 2019 13:27

Tgt Ion: 43 Resp: 13736
 Ion Ratio Lower Upper
 43 100
 58 4.4 28.2 42.4#
 100 0.0 10.0 15.0#





#48

2-Hexanone

Concen: 3.367 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026350.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_R

ClientSampleId :

ESXD3

Tgt Ion: 43 Resp: 24884

Ion Ratio Lower Upper

43 100

58 29.3 39.1 58.7#

57 35.0 14.2 21.2#

100 2.7 7.6 11.4#

