

Data File : VR026348.D
Acq On : 20 Feb 2019 12:21
Operator : SY/MD
Sample : K1488-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXD1

Quant Time: Feb 21 07:41:33 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	645639	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	537223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	146208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	245758	4.81	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	2.63	69	228347	5.13	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	73.29%
11) 1,1-Dichloroethene-d2	3.60	63	500921	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	6.58	46	195617	50.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	7.20	84	455884	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	7.89	65	174881	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	7.85	84	872908	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	8.89	67	227183	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	9.97	98	816121	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	10.23	79	49449	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	158672	54.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79766	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	142583	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

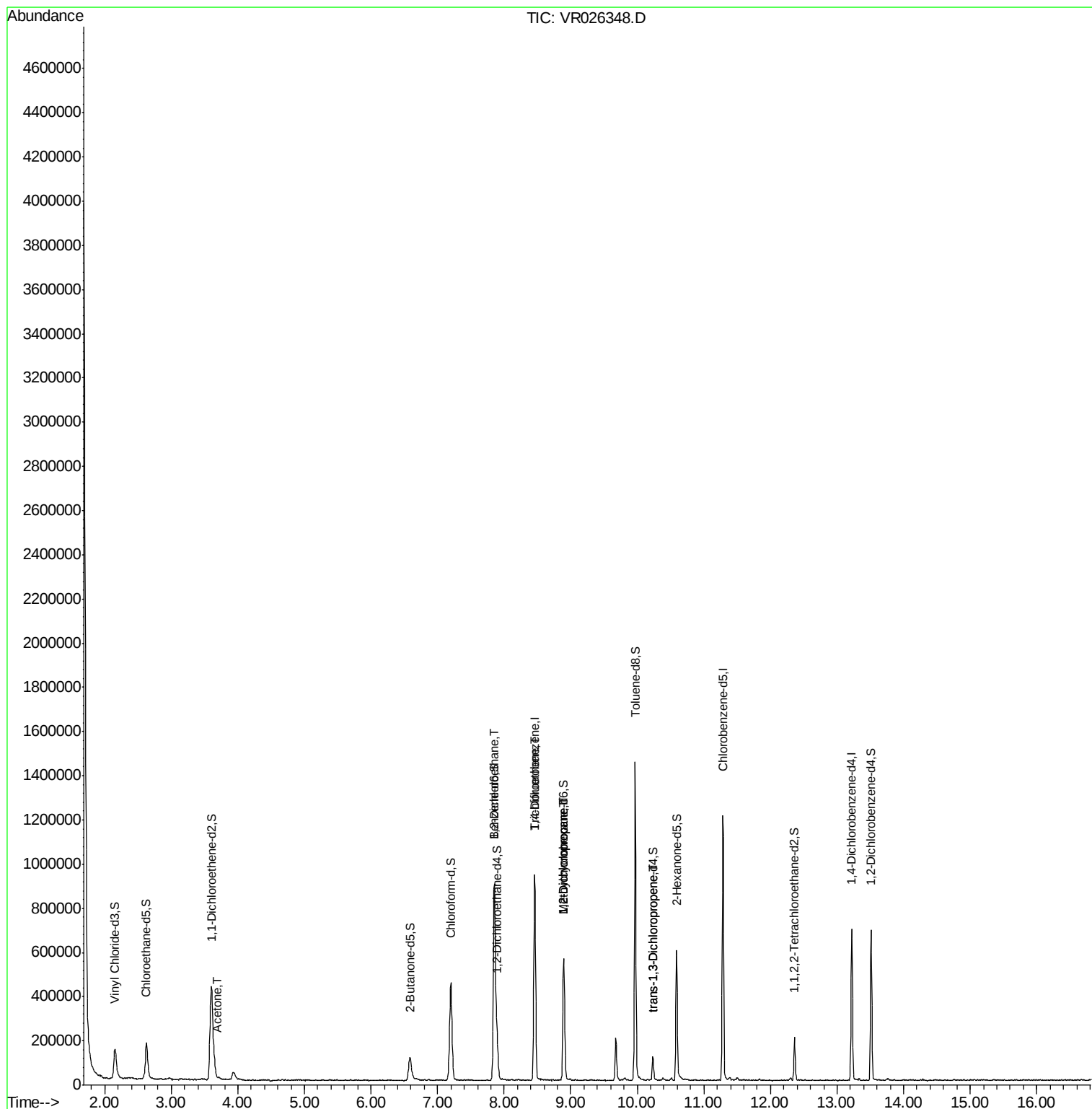
					Qvalue
13) Acetone	3.69	43	8472	2.075 ug/L	89
27) 1,2-Dichloroethane	7.86	62	6266	0.157 ug/L	100
34) Trichloroethene	8.46	95	19982	0.407 ug/L #	9
35) Methylcyclohexane	8.90	83	56265	0.863 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	27985	0.663 ug/L #	90
44) trans-1,3-Dichloropropene	10.24	75	2991	0.091 ug/L	96

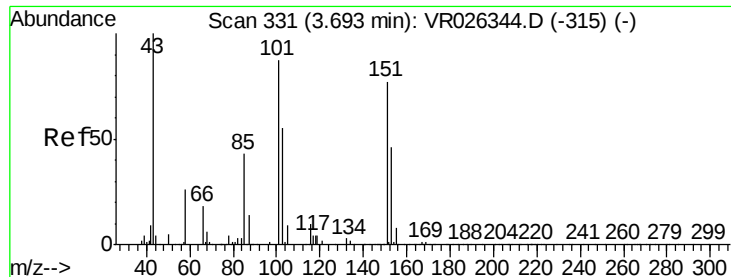
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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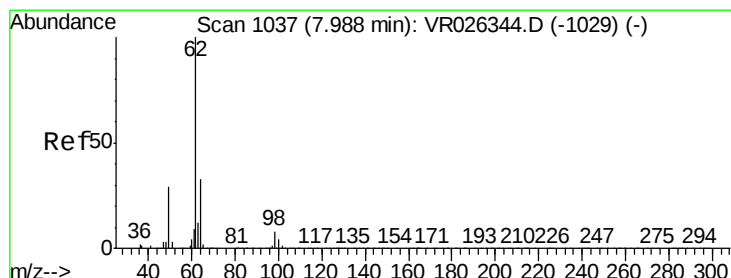
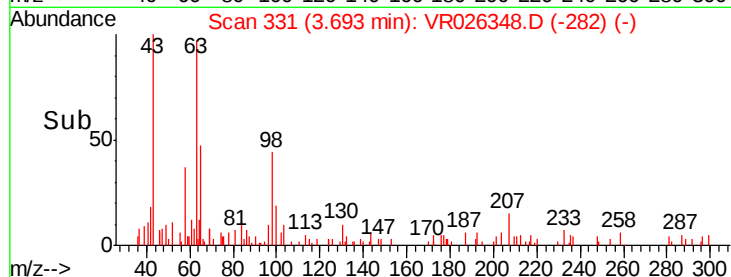
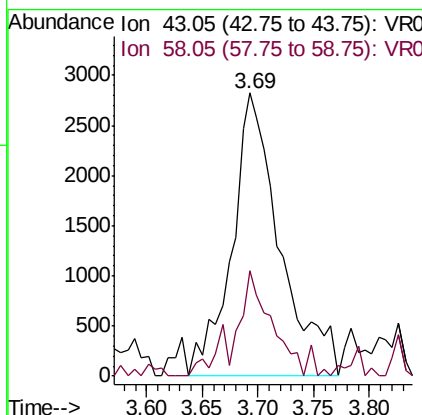
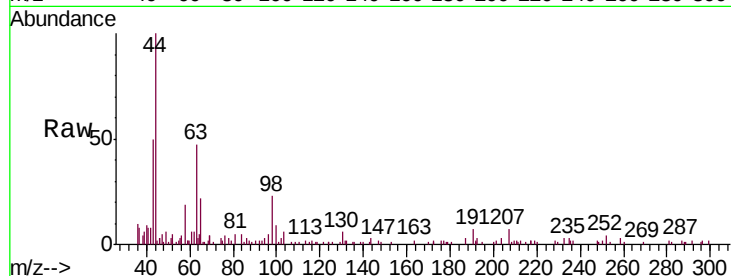




#13
Acetone
Concen: 2.075 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.00 min
Lab File: VR026348.D
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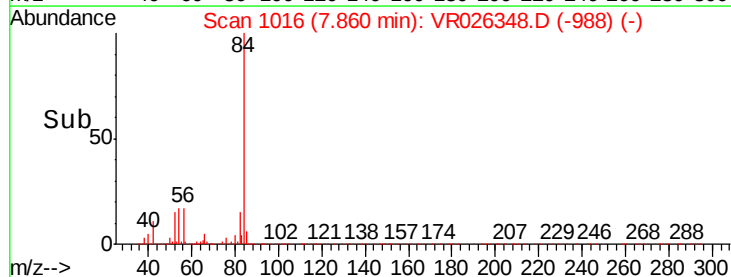
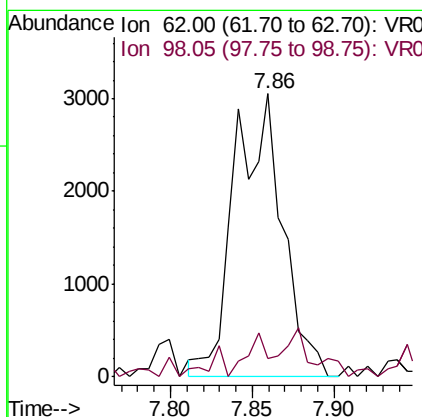
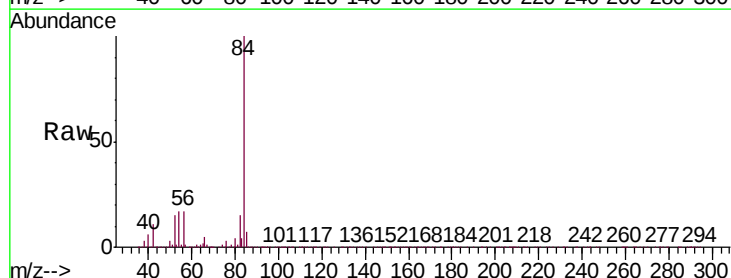
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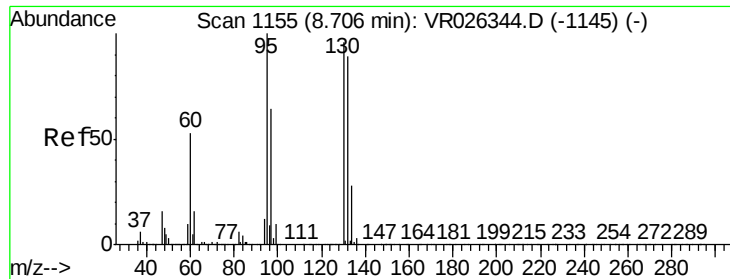
Tgt Ion: 43 Resp: 8472
Ion Ratio Lower Upper
43 100
58 23.1 0.0 58.0



#27
1,2-Dichloroethane
Concen: 0.157 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026348.D
Acq: 20 Feb 2019 12:21

Tgt Ion: 62 Resp: 6266
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

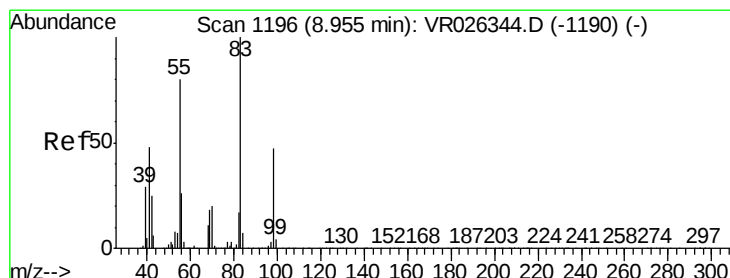
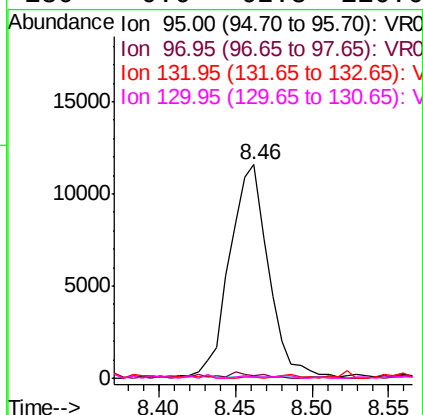
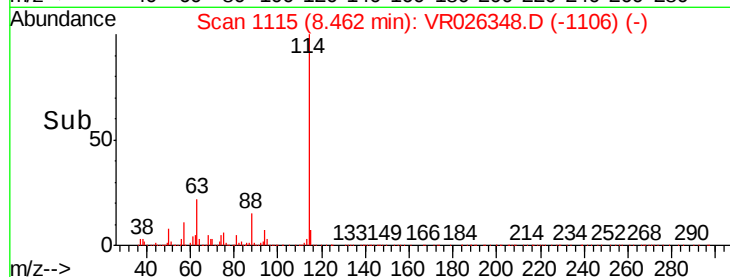
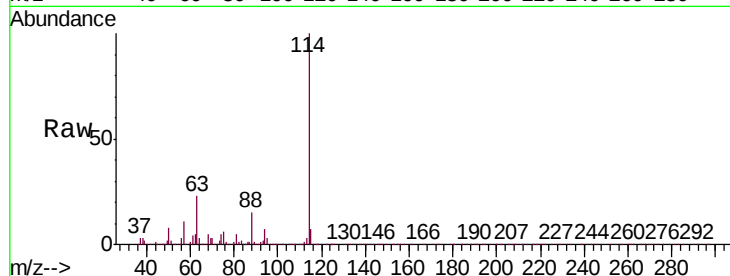




#34
 Trichloroethene
 Concen: 0.407 ug/L
 RT: 8.46 min Scan# 1115
 Delta R.T. -0.24 min
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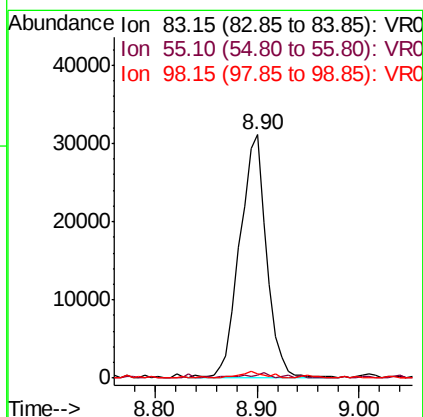
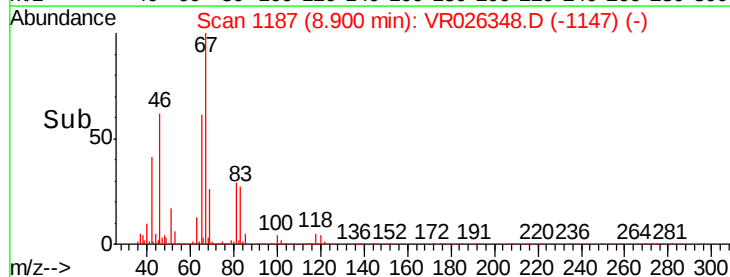
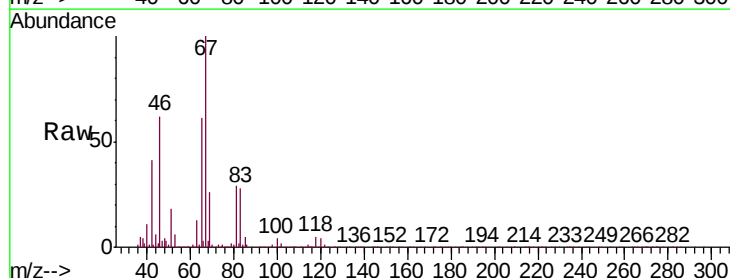
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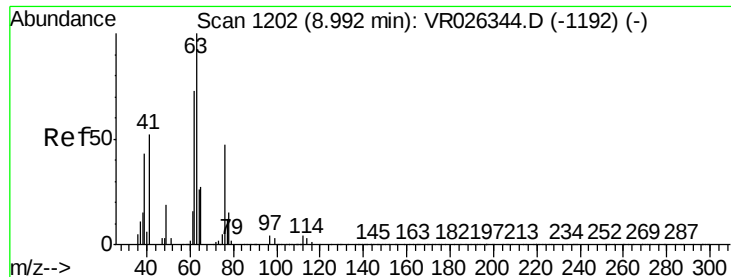
Tgt Ion: 95 Resp: 19982
 Ion Ratio Lower Upper
 95 100
 97 1.0 45.1 83.9#
 132 0.5 60.7 112.7#
 130 0.6 62.8 116.6#



#35
 Methylcyclohexane
 Concen: 0.863 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026348.D
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Tgt Ion: 83 Resp: 56265
 Ion Ratio Lower Upper
 83 100
 55 1.6 67.3 100.9#
 98 1.9 37.0 55.4#

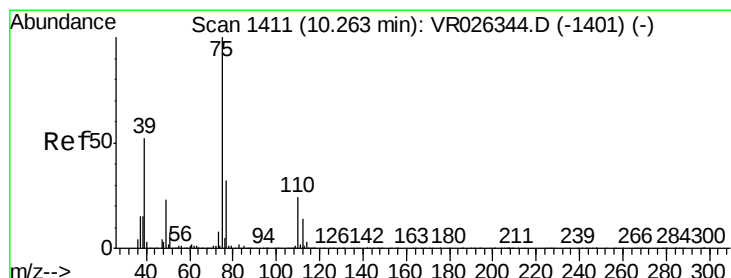
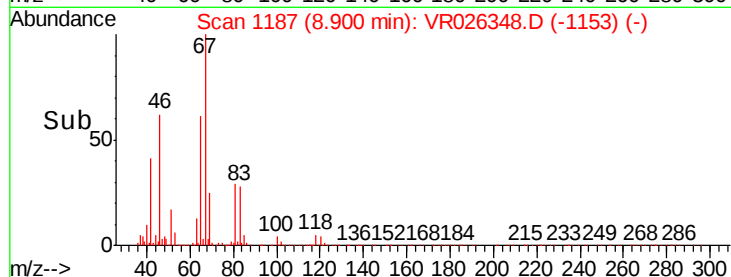
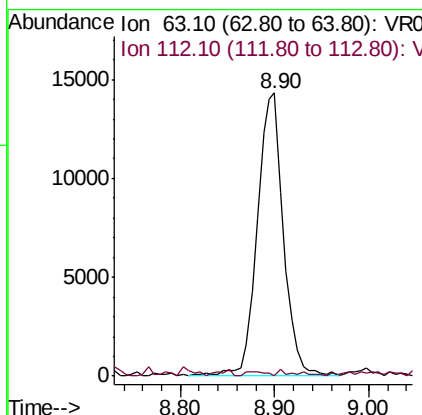
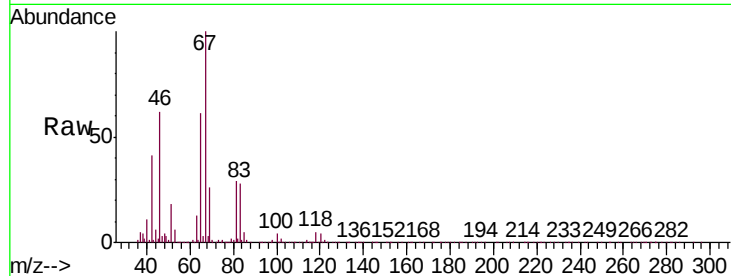




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
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Instrument :
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Tgt Ion: 63 Resp: 27985
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026348.D
 Acq: 20 Feb 2019 12:21

Tgt Ion: 75 Resp: 2991
 Ion Ratio Lower Upper
 75 100
 77 30.1 22.5 41.7

