

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080618\
 Data File : VR025558.D
 Acq On : 6 Aug 2018 17:02
 Operator : SY/MD
 Sample : J4243-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AD3

Quant Time: Aug 06 23:47:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	492230	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	460133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	229921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	128432	4.21	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.64	69	110543	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.63	63	235081	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.60	46	109480	43.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.86%
24) Chloroform-d	7.21	84	244642	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.90	65	74744	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	7.86	84	537315	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	144970	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	9.97	98	538384	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.24	79	35070	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	149313	56.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84417	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	193883	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

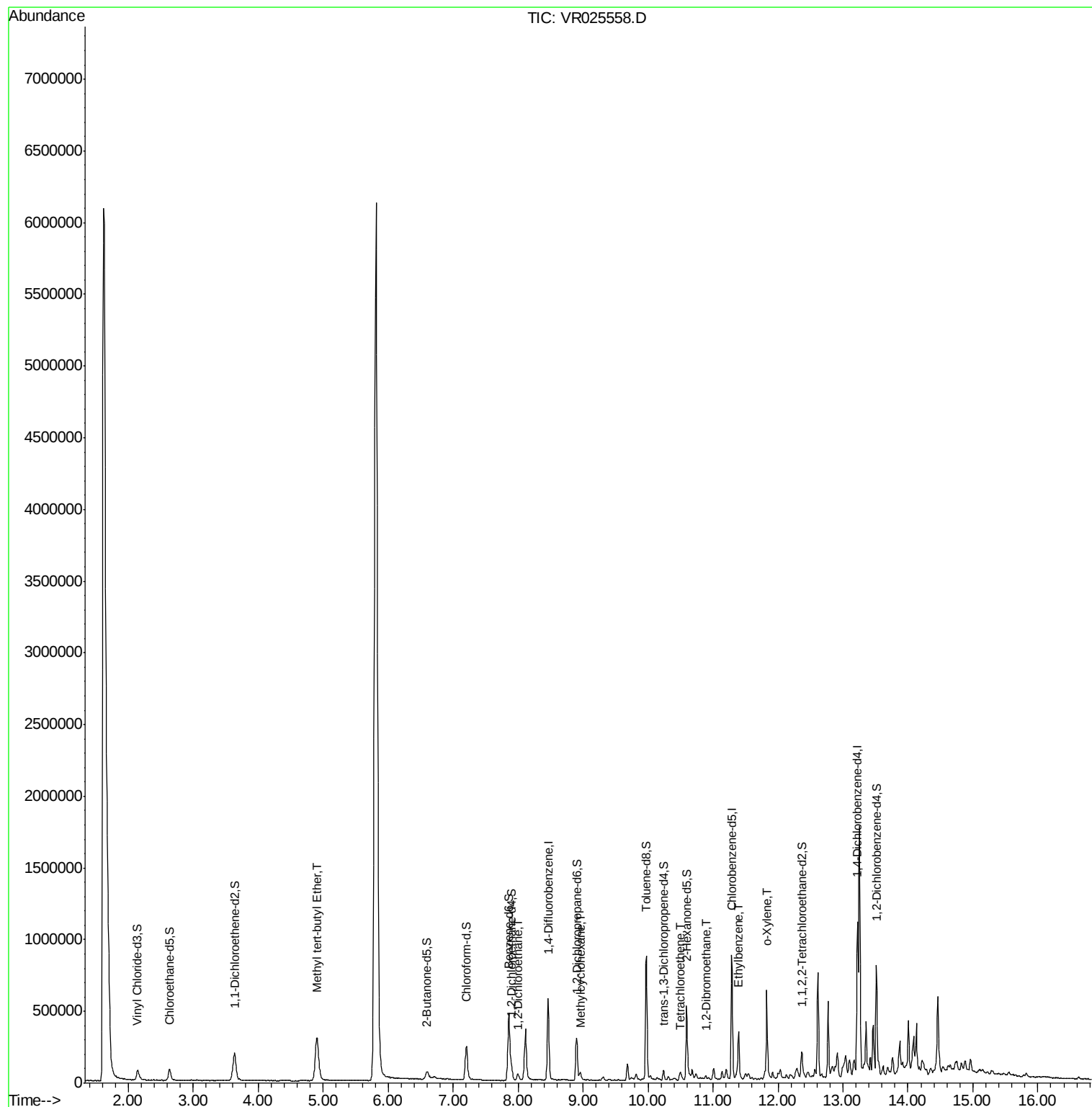
						Ovalue
17) Methyl tert-butyl Ether	4.91	73	536505	15.20	ug/L	99
27) 1,2-Dichloroethane	8.00	62	37067	1.91	ug/L	# 80
35) Methylcyclohexane	8.96	83	20147	0.38	ug/L	91
47) Tetrachloroethene	10.51	164	6515	0.22	ug/L	80
50) 1,2-Dibromoethane	10.89	107	15453	1.24	ug/L	79
52) Ethylbenzene	11.39	91	204502	1.24	ug/L	100
54) o-Xylene	11.83	106	158598	2.71	ug/L	93

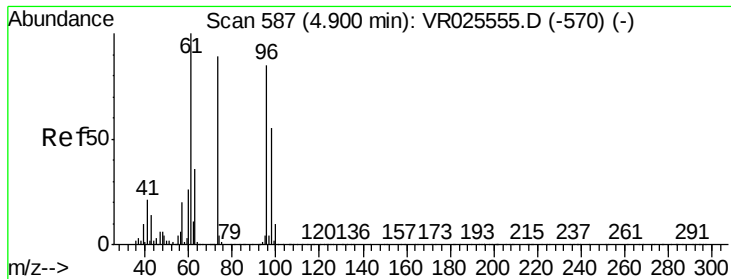
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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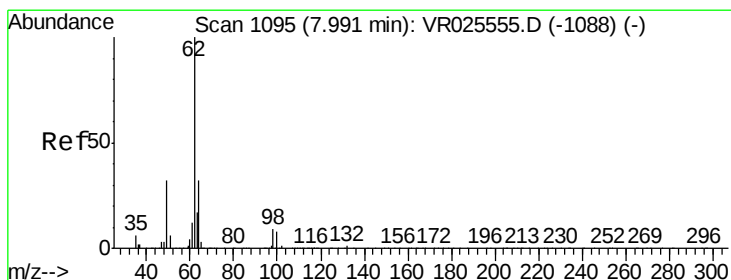
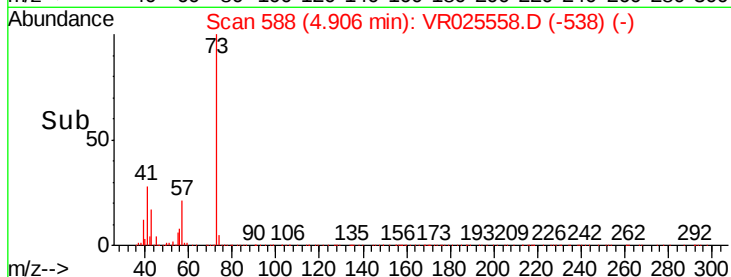
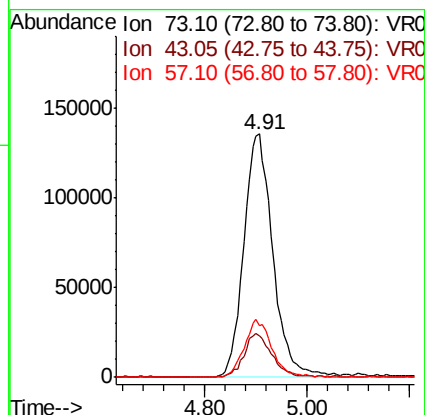
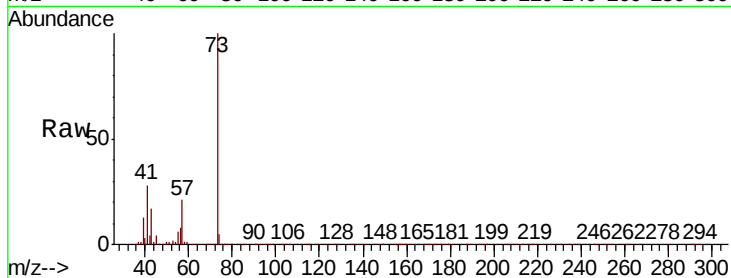




#17
Methvl tert-butvl Ether
Concen: 15.20 ug/L
RT: 4.91 min Scan# 588
Delta R.T. 0.01 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

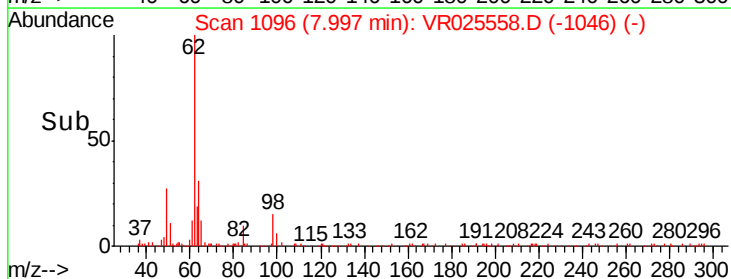
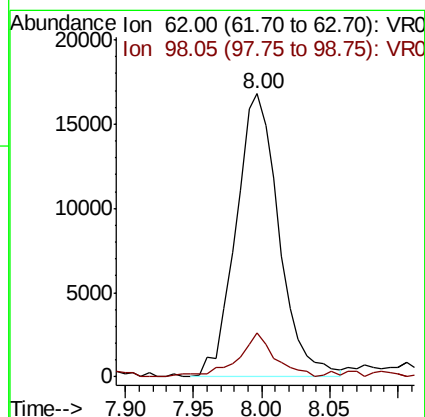
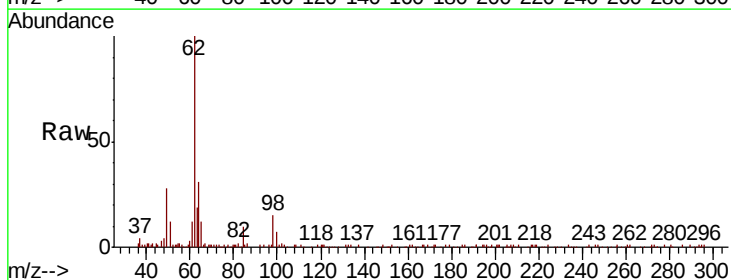
Instrument :
MSVOA_R
ClientSampleId :
C0AD3

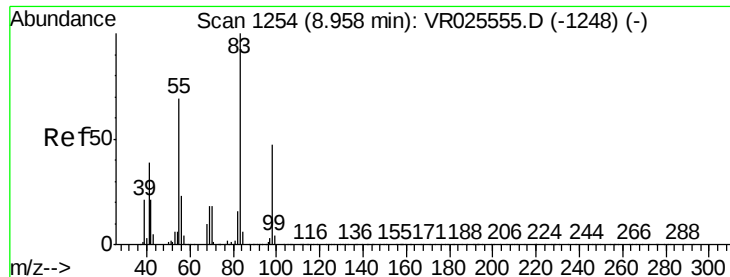
Tot Ion	Ratio	Lower	Upper
73	100		
43	17.1	14.2	21.4
57	22.3	17.6	26.4



#27
1,2-Dichloroethane
Concen: 1.91 ug/L
RT: 8.00 min Scan# 1096
Delta R.T. 0.01 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	15.5	6.6	9.8#

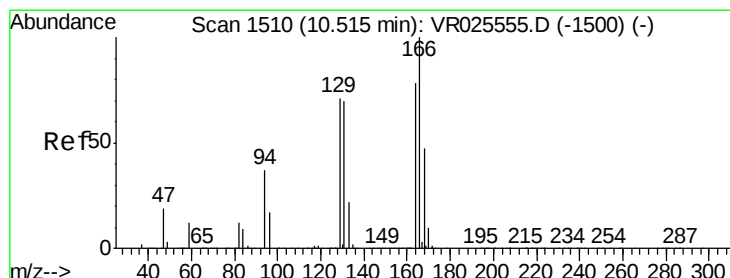
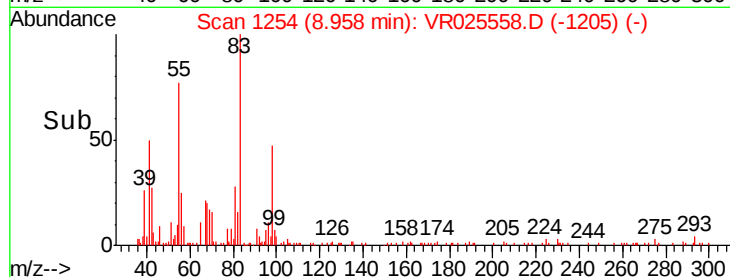
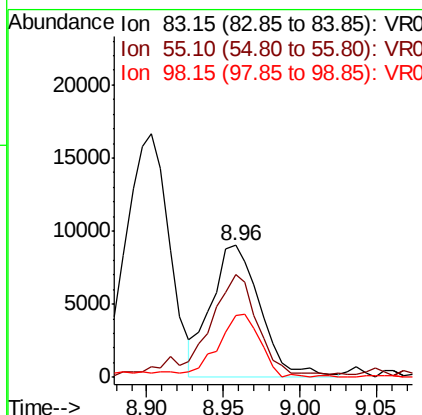
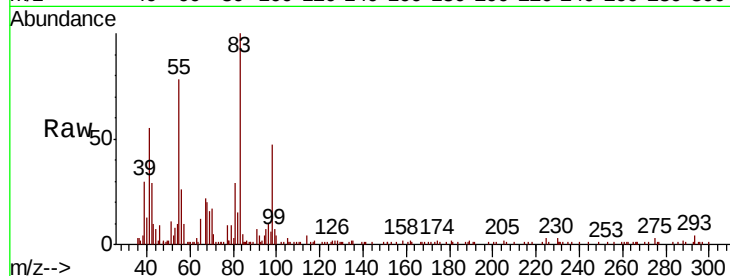




#35
Methvlcvclohexane
Concen: 0.38 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

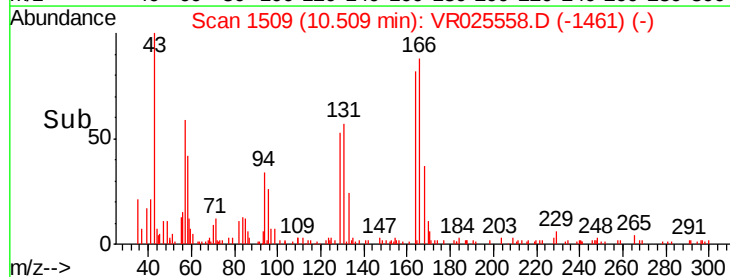
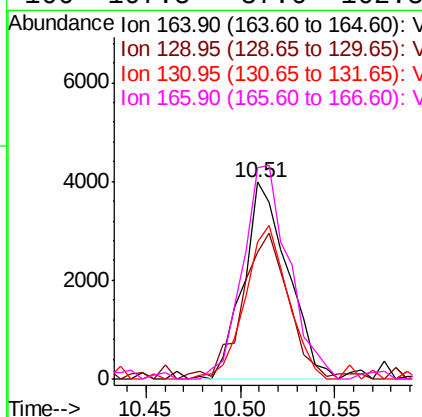
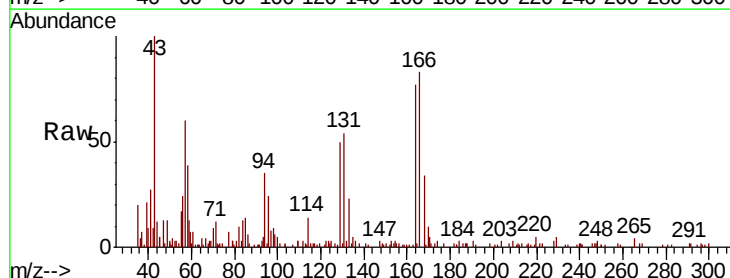
Instrument :
MSVOA_R
ClientSampled :
C0AD3

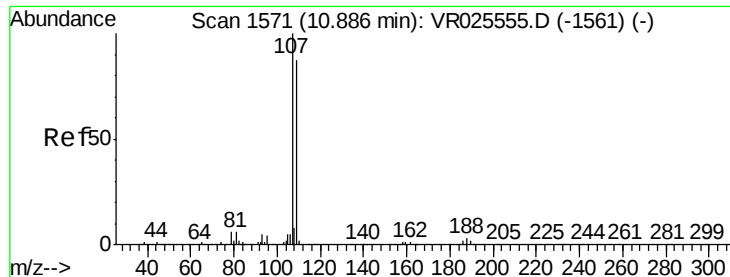
Tot Ion:	83	Resp:	20147
Ion	Ratio	Lower	Upper
83	100		
55	79.1	58.3	87.5
98	39.7	37.8	56.6



#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 10.51 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

Tgt Ion:	164	Resp:	6515
Ion	Ratio	Lower	Upper
164	100		
129	64.6	63.0	117.0
131	69.9	60.6	112.6
166	107.5	87.6	162.8

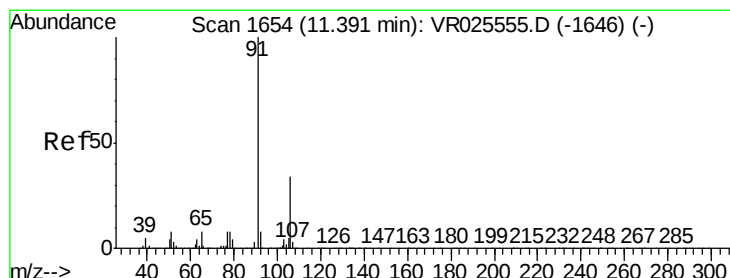
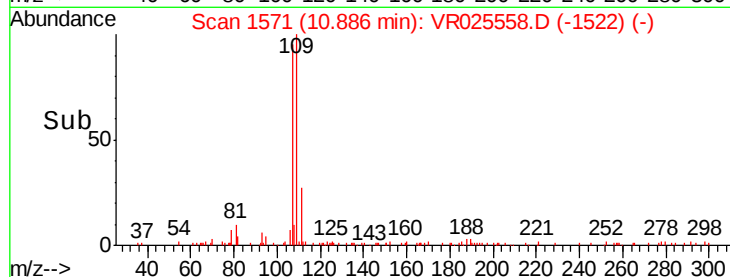
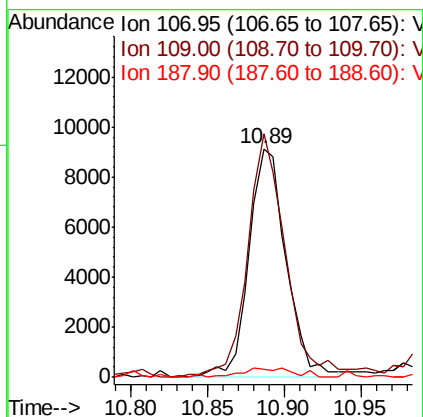
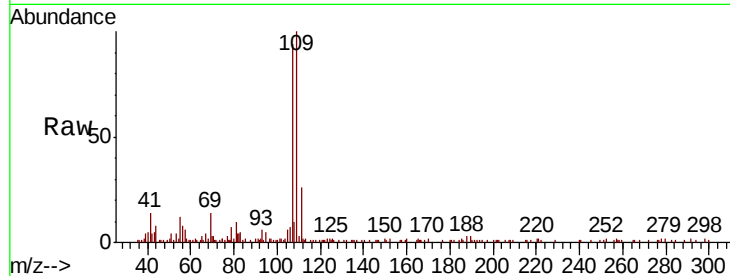




#50
1,2-Dibromoethane
Concen: 1.24 ug/L
RT: 10.89 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

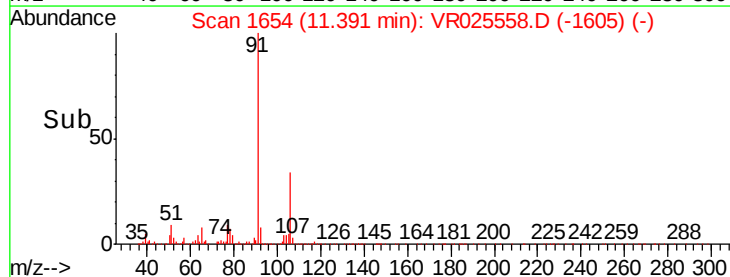
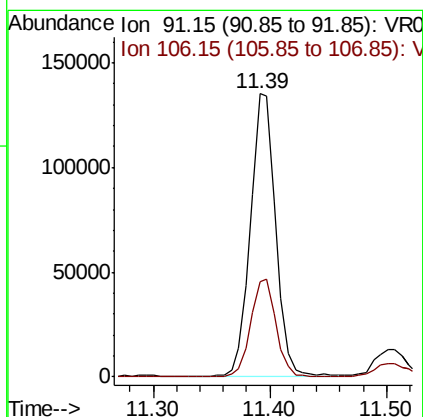
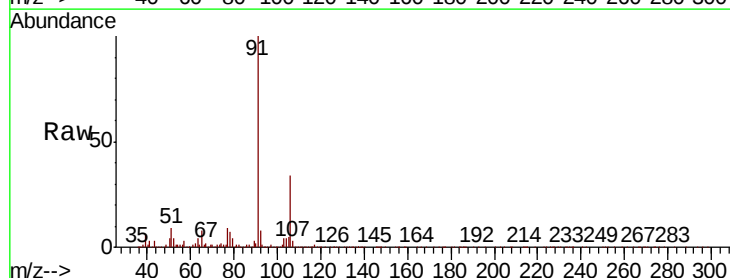
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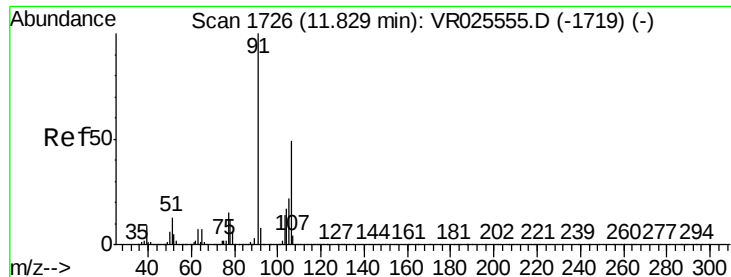
Tot Ion	Ratio	Lower	Upper
107	100		
109	106.6	60.6	112.6
188	3.5	2.4	3.6



#52
Ethylbenzene
Concen: 1.24 ug/L
RT: 11.39 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VR025558.D
Acq: 6 Aug 2018 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.7	23.6	43.8





#54
 o-Xylene
 Concen: 2.71 ug/L
 RT: 11.83 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: VR025558.D
 Acq: 6 Aug 2018 17:02

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AD3

Tot Ion:106 Resp: 158598
 Ion Ratio Lower Upper
 106 100
 91 193.6 143.0 265.6

