

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016828.D
 Acq On : 11 Jun 2020 15:42
 Operator : SY/MD
 Sample : L2916-01DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E51DL

Quant Time: Jun 12 03:23:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106956	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.64%
7) Chloroethane-d5	1.55	69	73264	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.06%
11) 1,1-Dichloroethene-d2	2.11	63	144264	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	3.90	46	164092	90.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.37	84	224347	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.05	65	159456	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.07	84	436311	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.09	67	134108	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.34	98	398389	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	66899	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
47) 2-Hexanone-d5	8.11	63	101661	79.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176090	45.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	171672	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%

Target Compounds

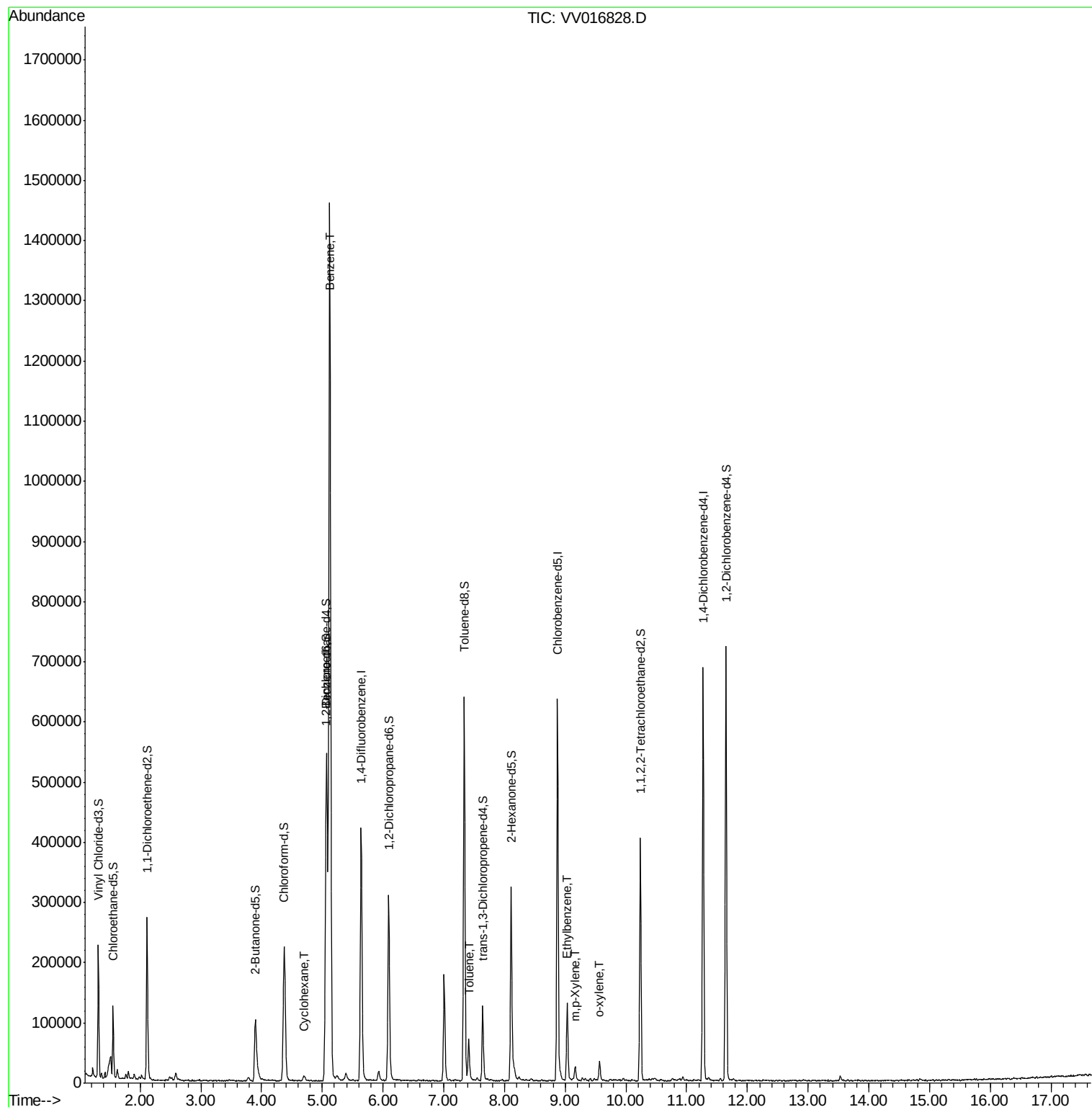
					Ovalue
29) Cyclohexane	4.71	56	4436	1.089 ug/L	# 55
33) Benzene	5.12	78	1394152	143.774 ug/L	100
42) Toluene	7.41	91	47758	4.672 ug/L	99
52) Ethylbenzene	9.03	91	88174	7.787 ug/L	99
53) m,p-Xylene	9.16	106	6259	1.485 ug/L	99
54) o-xylene	9.57	106	8049	1.936 ug/L	93

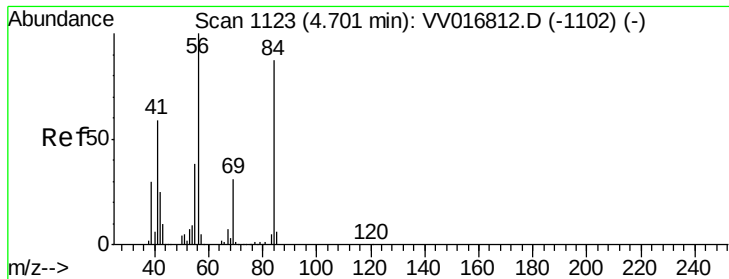
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

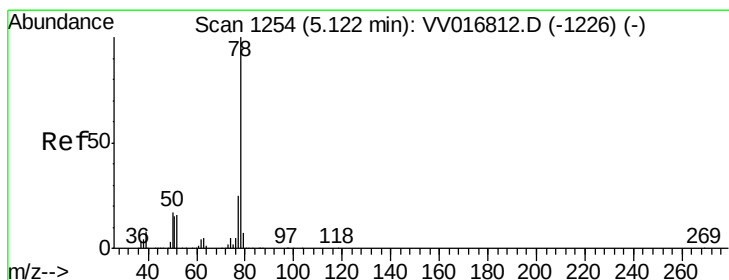
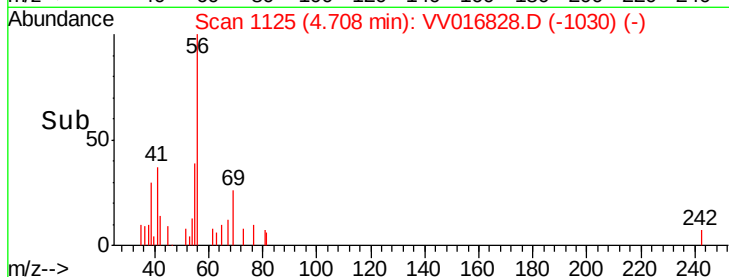
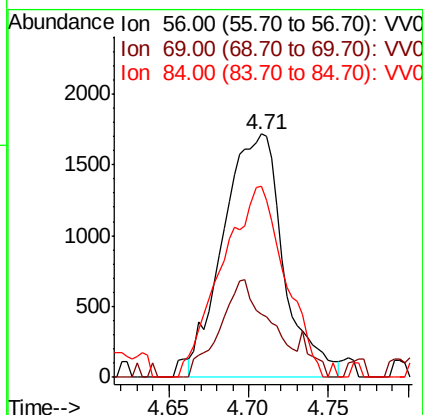
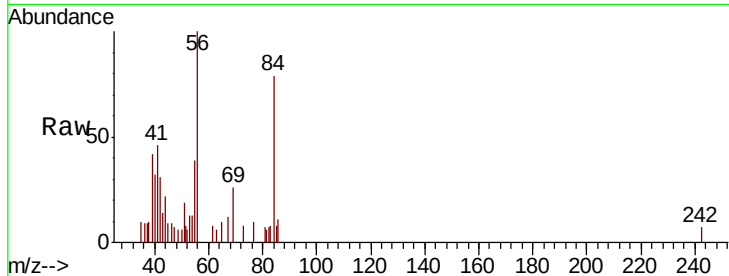




#29
Cyclohexane
Concen: 1.089 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

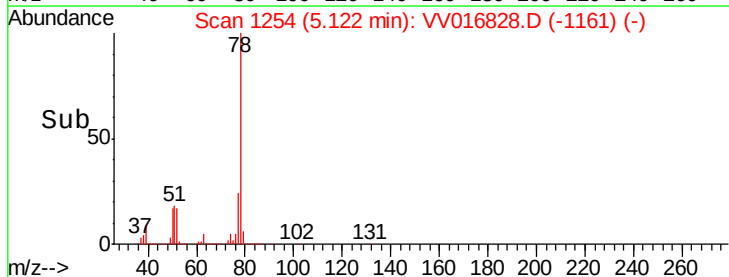
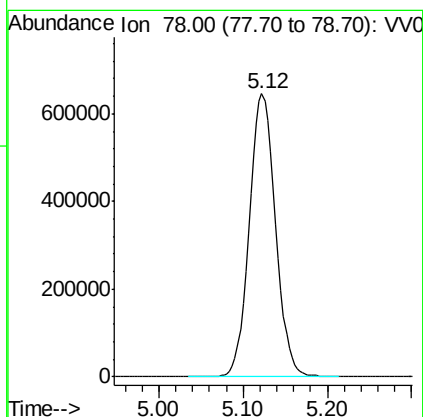
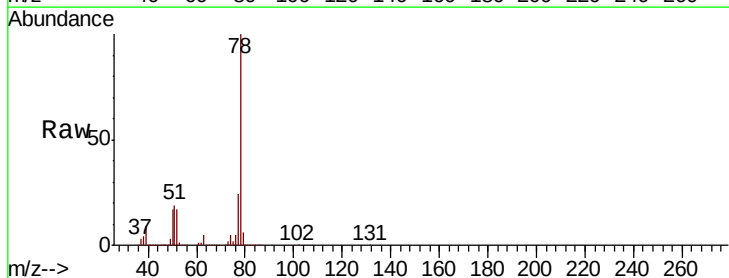
Instrument :
MSVOA_V
ClientSampleId :
F9E51DL

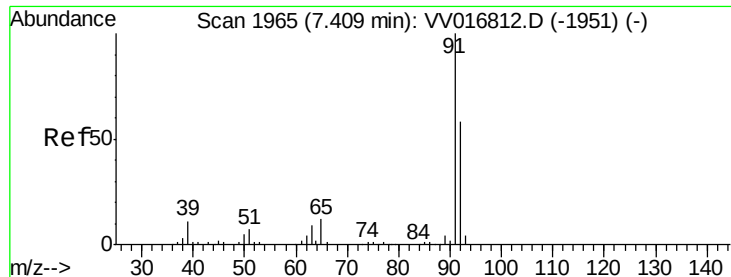
Tot Ion: 56 Resp: 4436
Ion Ratio Lower Upper
56 100
69 3.8 25.0 37.4#
84 46.5 69.5 104.3#



#33
Benzene
Concen: 143.774 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

Tgt Ion: 78 Resp: 1394152





#42

Toluene

Concen: 4.672 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

Instrument :

MSVOA_V

ClientSampleId :

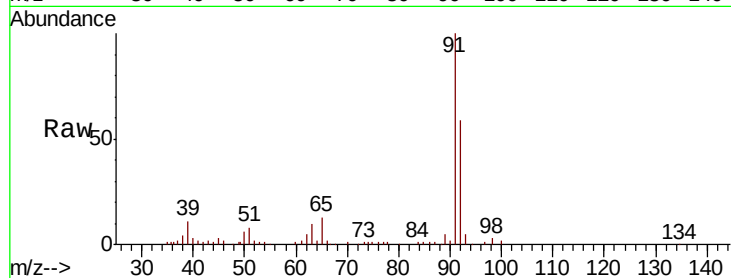
F9E51DL

Tot Ion: 91 Resp: 47758

Ion Ratio Lower Upper

91 100

92 58.5 40.4 75.0

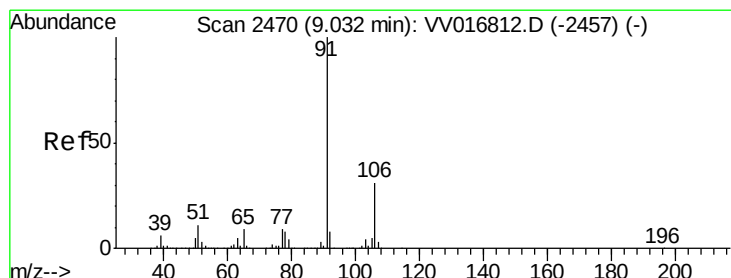
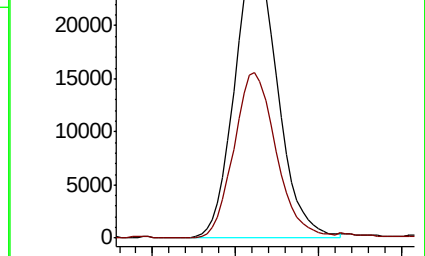
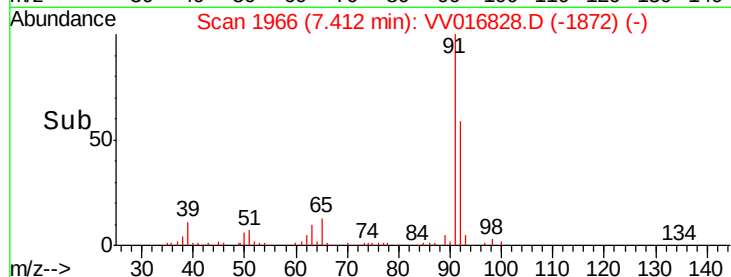


Abundance Ion 91.00 (90.70 to 91.70): VV016812.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV016812.D (-1951) (-)

7.41

Time-->



#52

Ethylbenzene

Concen: 7.787 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016828.D

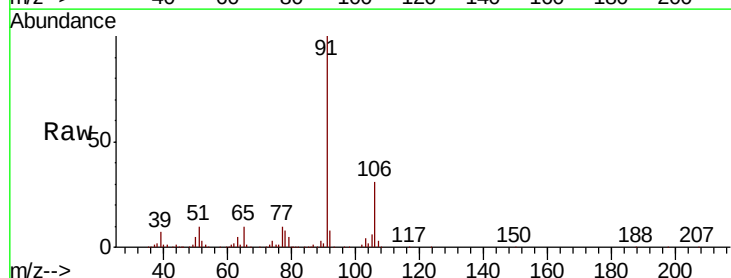
Acq: 11 Jun 2020 15:42

Tgt Ion: 91 Resp: 88174

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1

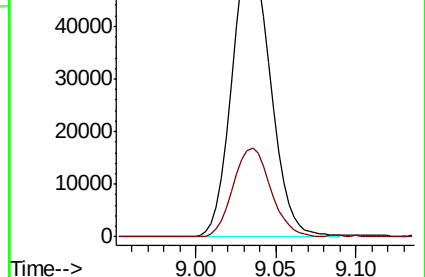
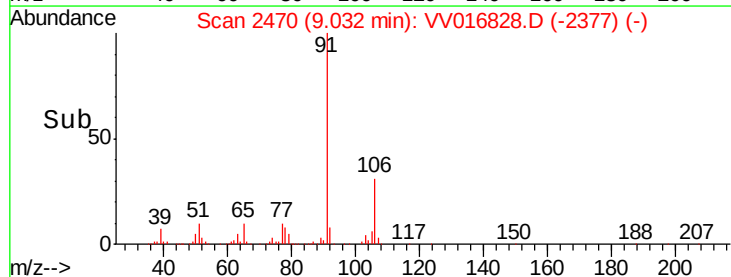


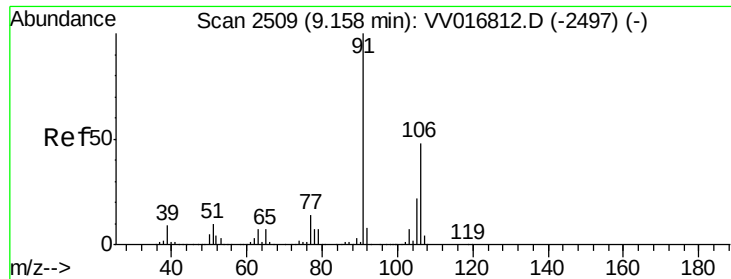
Abundance Ion 91.00 (90.70 to 91.70): VV016812.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV016812.D (-2457) (-)

9.03

Time-->

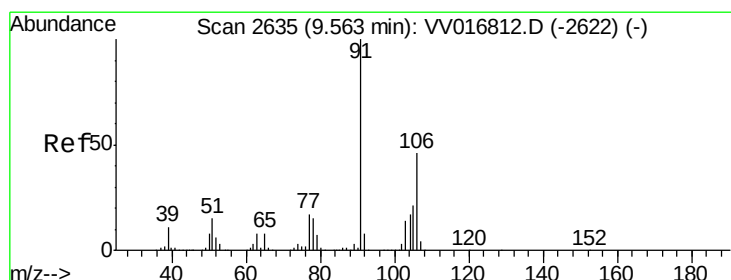
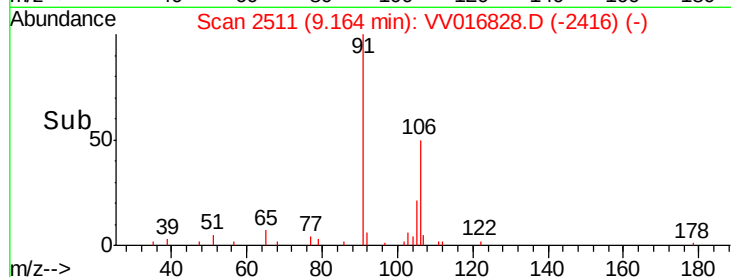
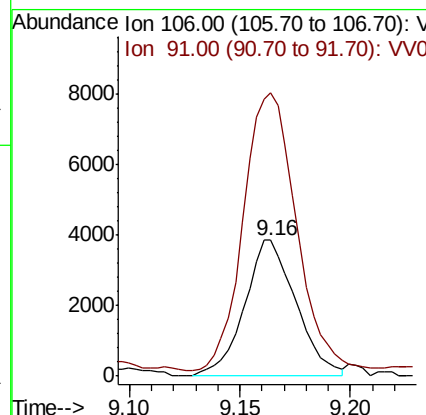
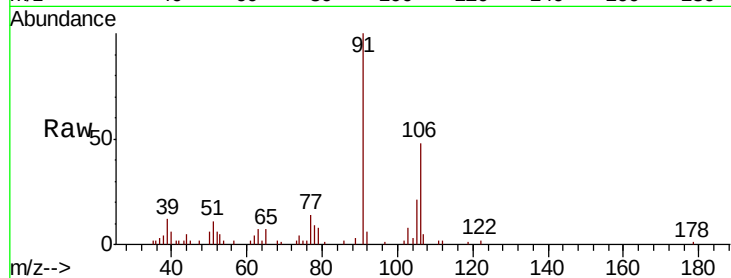




#53
m,p-Xylene
Concen: 1.485 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

Instrument :
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Tot Ion:106 Resp: 6259
Ion Ratio Lower Upper
106 100
91 208.2 144.6 268.6



#54
o-xylene
Concen: 1.936 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

Tgt Ion:106 Resp: 8049
Ion Ratio Lower Upper
106 100
91 233.9 155.9 289.5

