

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016737.D
 Acq On : 09 Jun 2020 23:10
 Operator : SY/MD
 Sample : L2914-02DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D87DL

Quant Time: Jun 10 05:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95486	38.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.82%
7) Chloroethane-d5	1.55	69	68173	45.70	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.11	63	130703	31.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.62%
21) 2-Butanone-d5	3.89	46	184914	100.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.49%
24) Chloroform-d	4.37	84	226637	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.05	65	164611	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
32) Benzene-d6	5.07	84	437299	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
36) 1,2-Dichloropropane-d6	6.09	67	137521	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.34	98	387084	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.64	79	64319	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.11	63	129876	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188057	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	170936	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

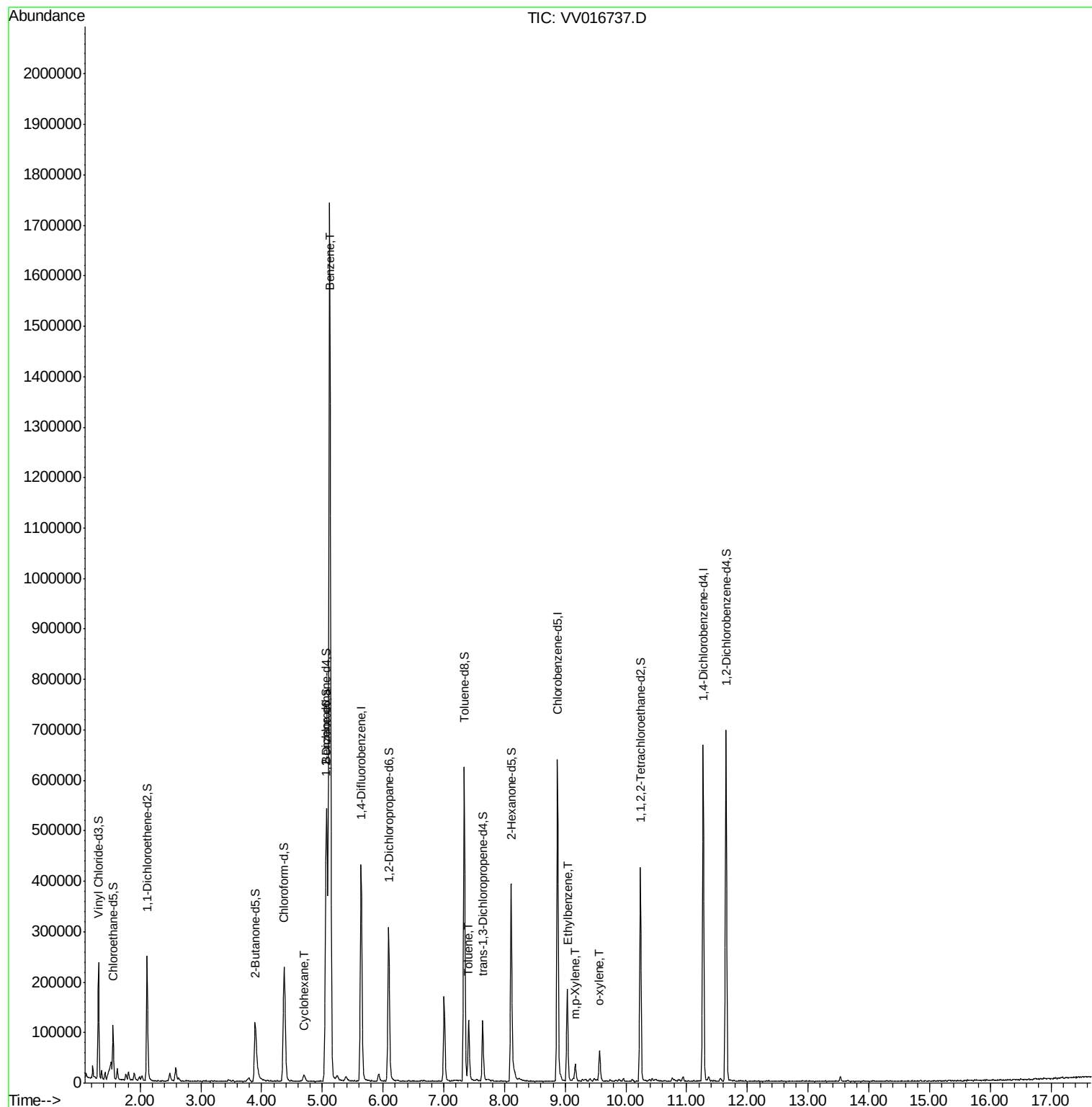
					Ovalue
29) Cyclohexane	4.70	56	5637	1.362	ug/L 90
33) Benzene	5.12	78	1670668	169.563	ug/L 100
42) Toluene	7.41	91	85377	8.220	ug/L 98
52) Ethylbenzene	9.04	91	121361	10.549	ug/L 98
53) m,p-Xylene	9.16	106	8354	1.950	ug/L 93
54) o-xylene	9.57	106	16628	3.936	ug/L 94

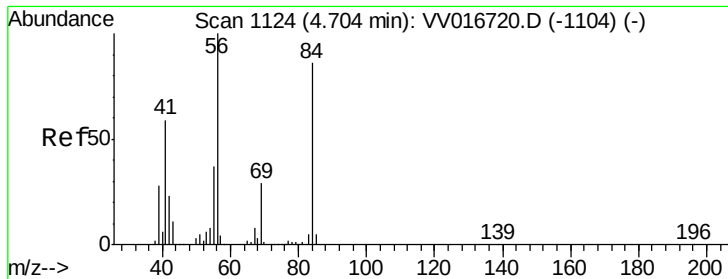
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

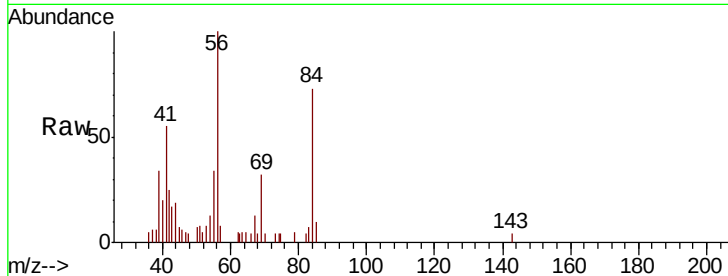




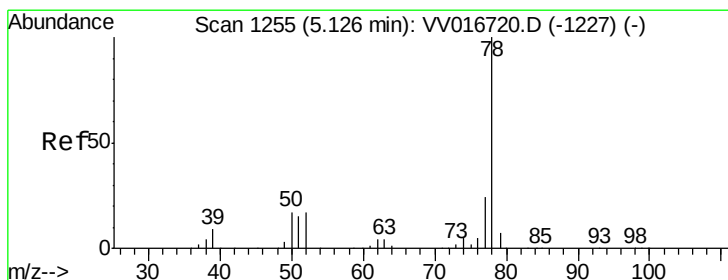
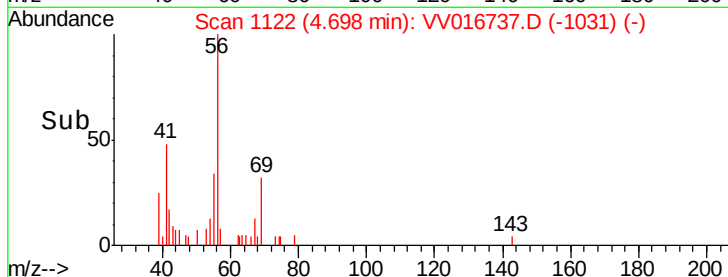
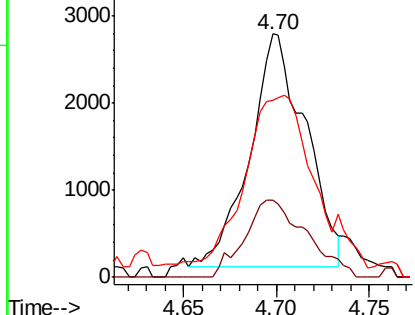
#29
Cyclohexane
Concen: 1.362 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument :
MSVOA_V
ClientSampleId :
F9D87DL

Tot Ion: 56 Resp: 5637
Ion Ratio Lower Upper
56 100
69 36.5 25.0 37.4
84 77.7 69.5 104.3

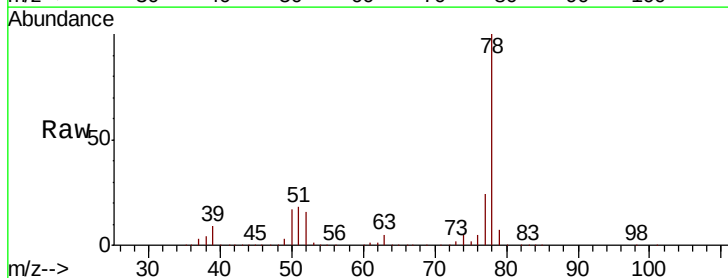


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

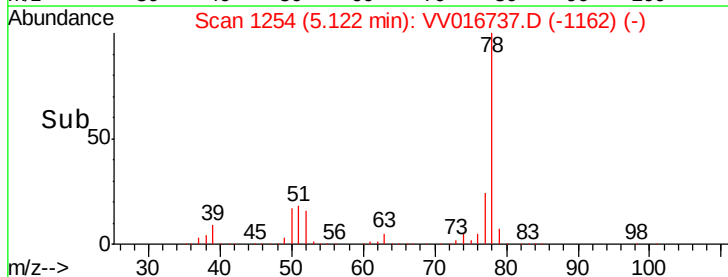
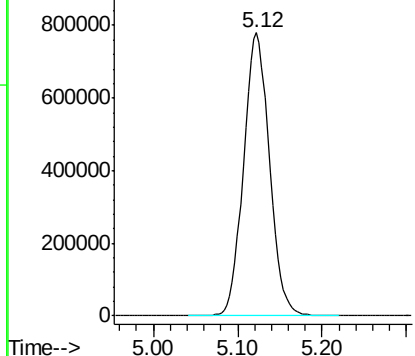


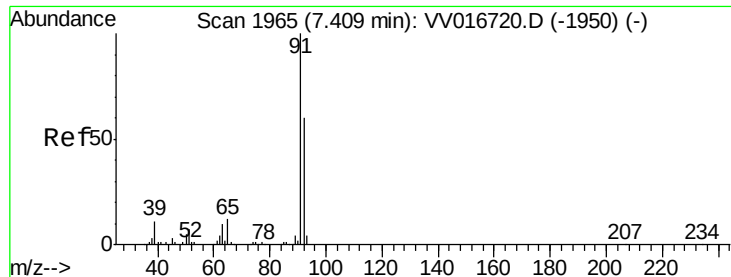
#33
Benzene
Concen: 169.563 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion: 78 Resp: 1670668



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 8.220 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016737.D

Acq: 09 Jun 2020 23:10

Instrument :

MSVOA_V

ClientSampled :

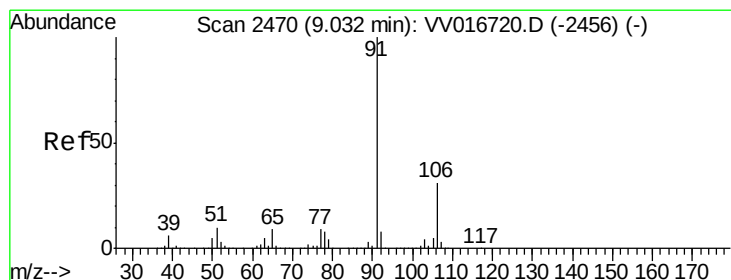
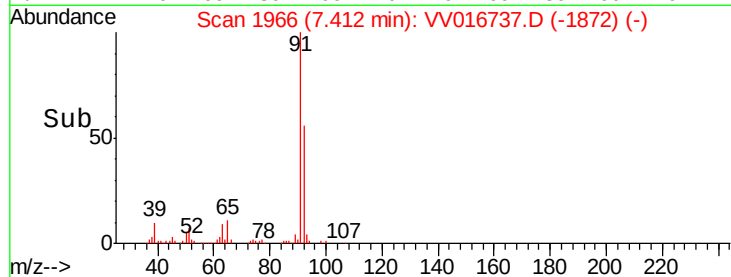
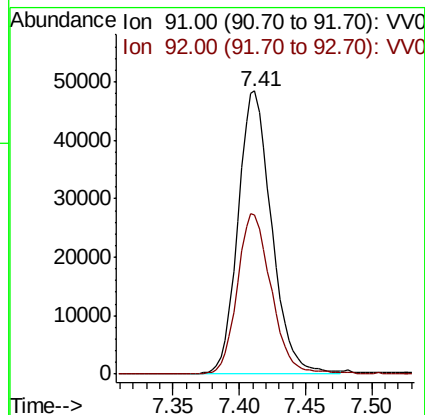
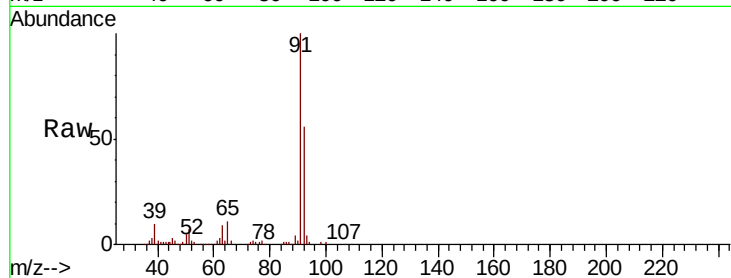
F9D87DL

Tot Ion: 91 Resp: 85377

Ion Ratio Lower Upper

91 100

92 56.5 40.4 75.0



#52

Ethylbenzene

Concen: 10.549 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016737.D

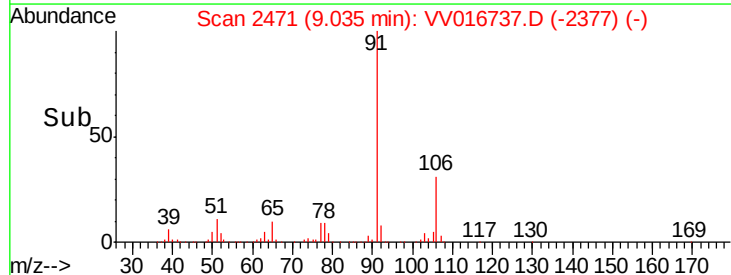
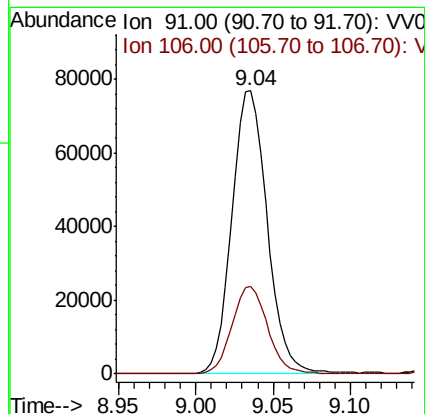
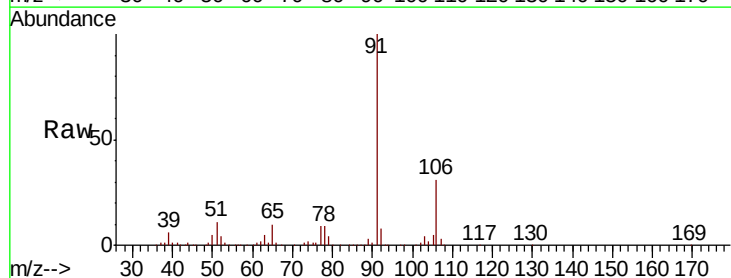
Acq: 09 Jun 2020 23:10

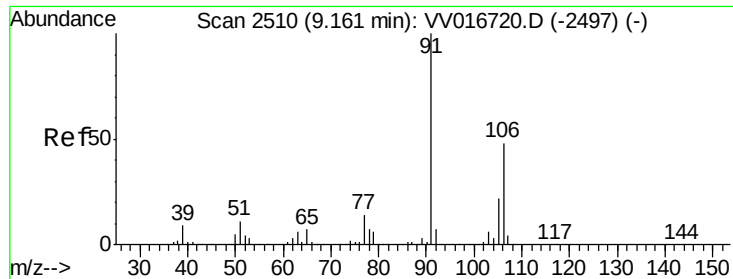
Tgt Ion: 91 Resp: 121361

Ion Ratio Lower Upper

91 100

106 31.1 21.1 39.1





#53

m,p-Xylene

Concen: 1.950 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016737.D

Acq: 09 Jun 2020 23:10

Instrument :

MSVOA_V

ClientSampleId :

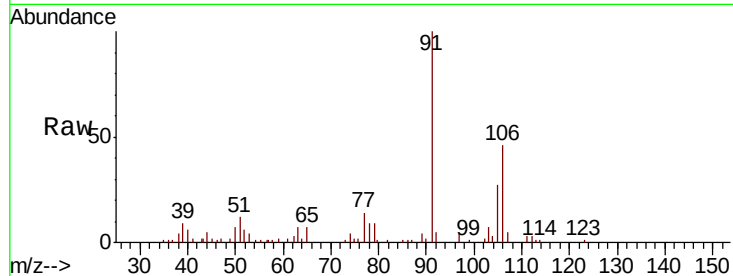
F9D87DL

Tot Ion:106 Resp: 8354

Ion Ratio Lower Upper

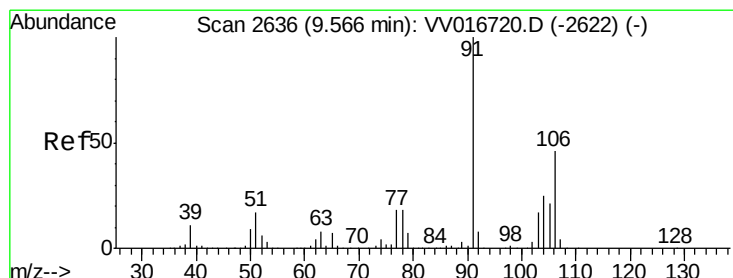
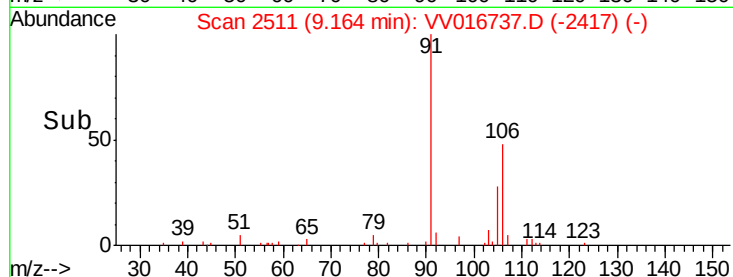
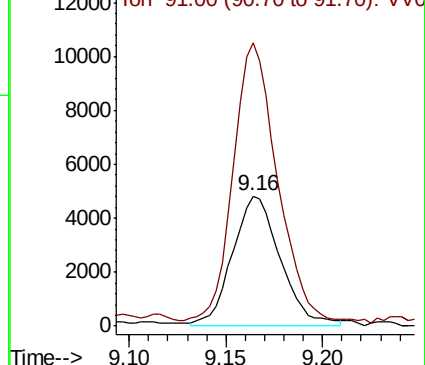
106 100

91 217.1 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 3.936 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016737.D

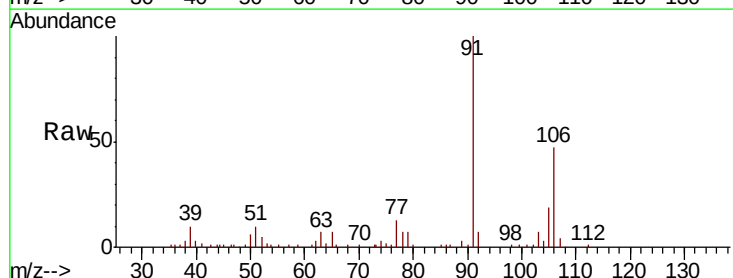
Acq: 09 Jun 2020 23:10

Tgt Ion:106 Resp: 16628

Ion Ratio Lower Upper

106 100

91 212.9 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

