

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016748.D
 Acq On : 10 Jun 2020 04:19
 Operator : SY/MD
 Sample : L2914-09 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E12

Quant Time: Jun 10 06:18:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357224	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82633	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.56%
7) Chloroethane-d5	1.56	69	65691	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.86%
11) 1,1-Dichloroethene-d2	2.12	63	123184	29.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.20%#
21) 2-Butanone-d5	3.89	46	175502	94.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.07%
24) Chloroform-d	4.37	84	217949	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	5.05	65	155731	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.07	84	412674	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
36) 1,2-Dichloropropane-d6	6.09	67	131792	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.48%
41) Toluene-d8	7.34	98	360494	40.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.28%
43) trans-1,3-Dichloropropene-	7.64	79	59646	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
47) 2-Hexanone-d5	8.11	63	115636	88.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182065	45.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	161525	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%

Target Compounds

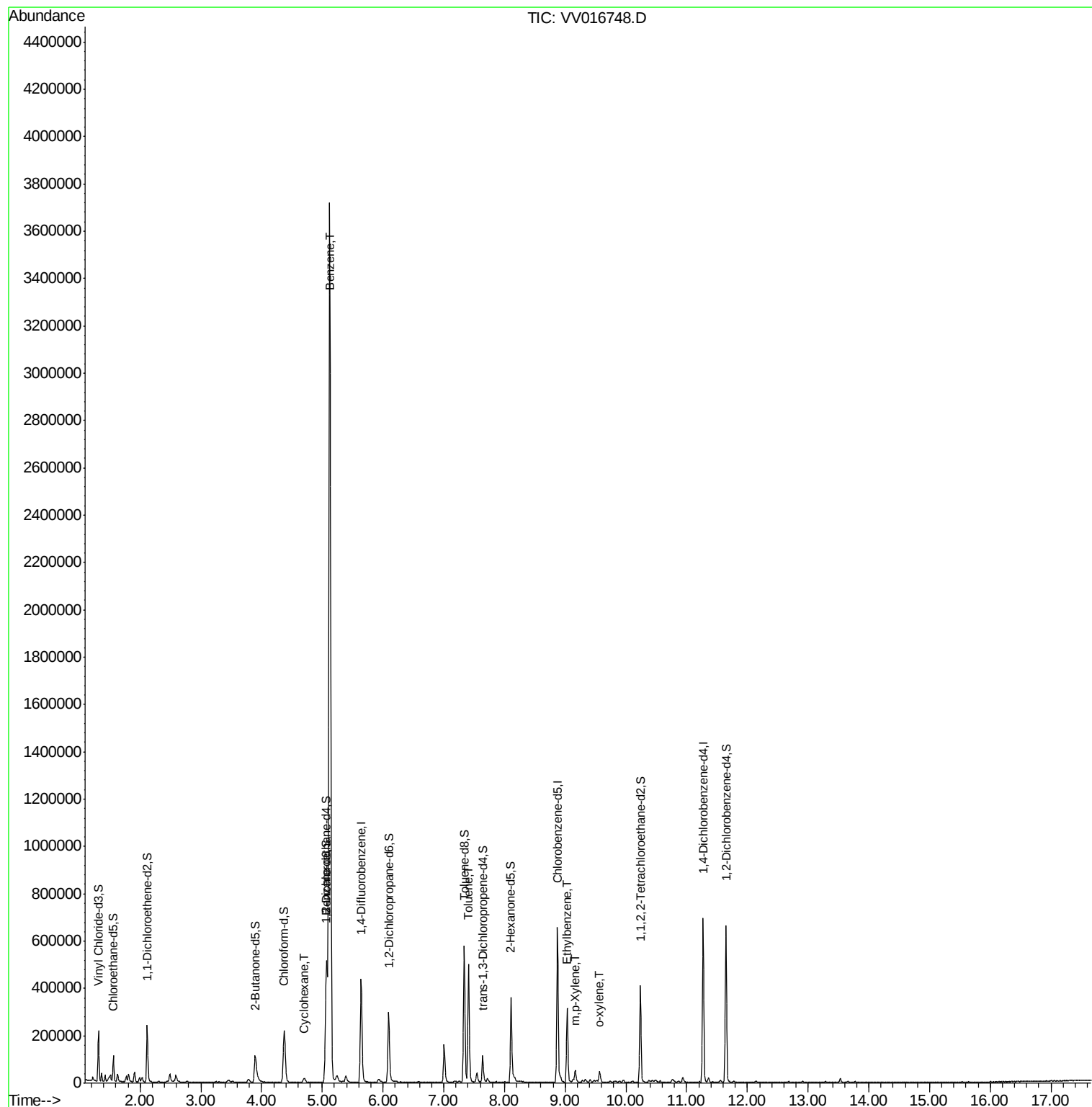
					Ovalue
29) Cyclohexane	4.70	56	8451	2.028 ug/L #	91
33) Benzene	5.12	78	3556305	358.456 ug/L	100
42) Toluene	7.41	91	346656	33.145 ug/L	99
52) Ethylbenzene	9.04	91	209125	18.052 ug/L	99
53) m,p-Xylene	9.16	106	12967	3.006 ug/L	85
54) o-xylene	9.57	106	11613	2.730 ug/L	96

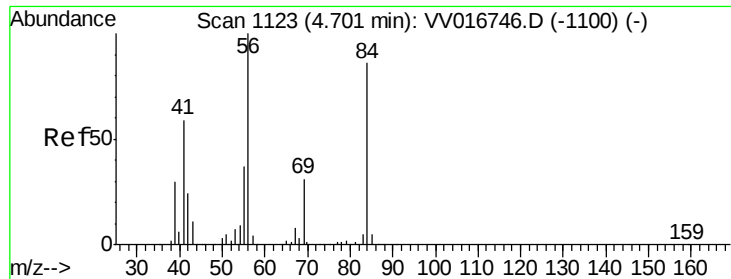
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 06:18:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:10:57 2020
Response via : Initial Calibration

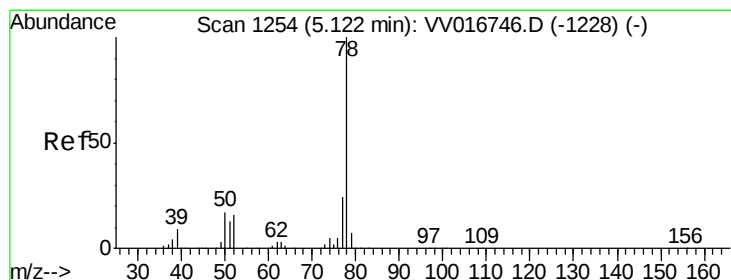
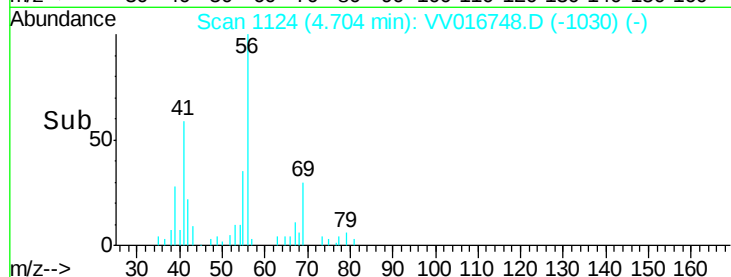
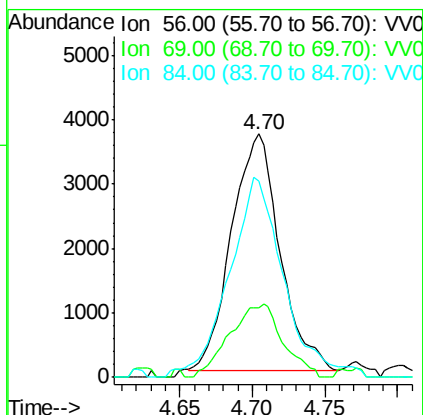
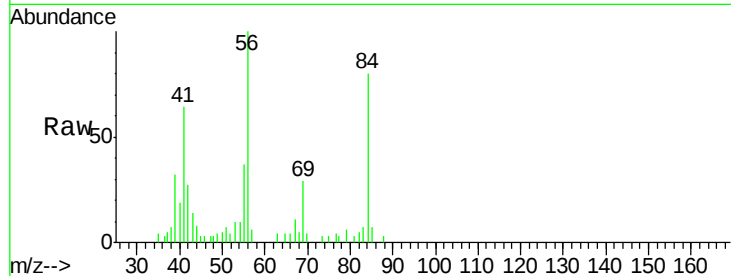




#29
Cyclohexane
Concen: 2.028 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

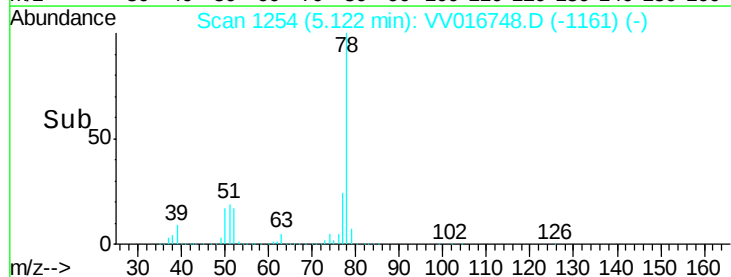
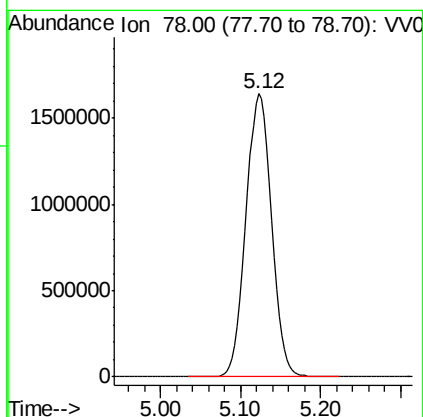
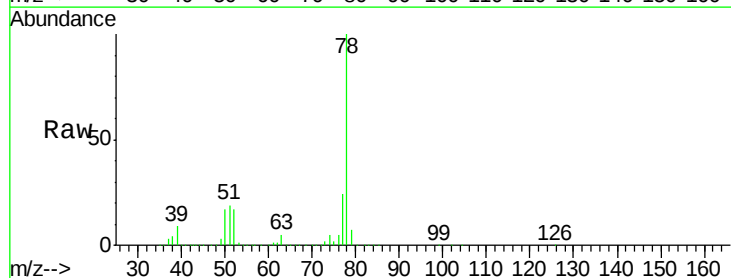
Instrument :
MSVOA_V
ClientSampleId :
F9E12

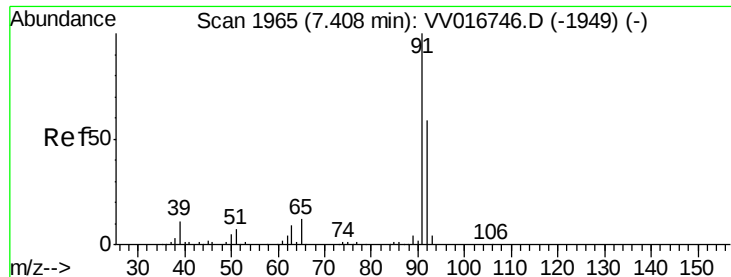
Tot Ion: 56 Resp: 8451
Ion Ratio Lower Upper
56 100
69 17.3 25.0 37.4#
84 83.6 69.5 104.3



#33
Benzene
Concen: 358.456 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion: 78 Resp: 3556305





#42

Toluene

Concen: 33.145 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016748.D

Acq: 10 Jun 2020 04:19

Instrument :

MSVOA_V

ClientSampleId :

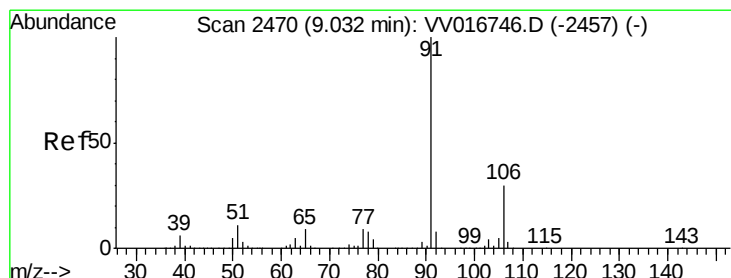
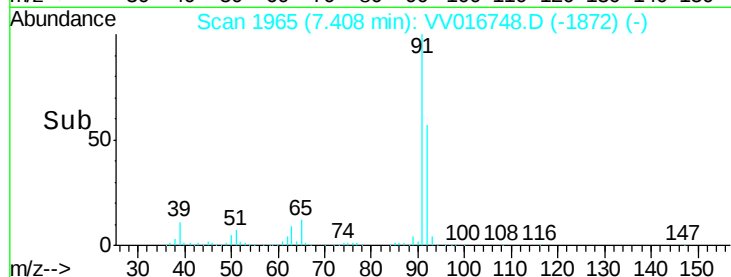
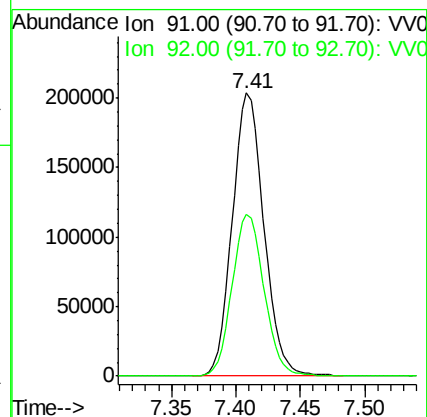
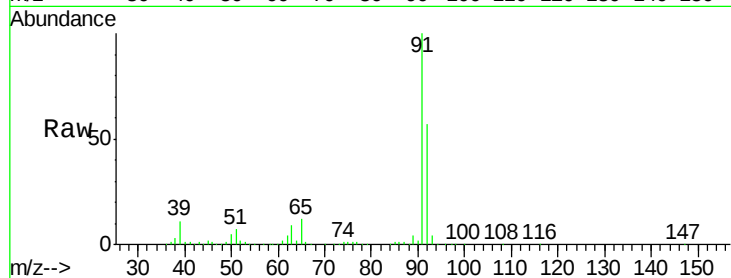
F9E12

Tot Ion: 91 Resp: 346656

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#52

Ethylbenzene

Concen: 18.052 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016748.D

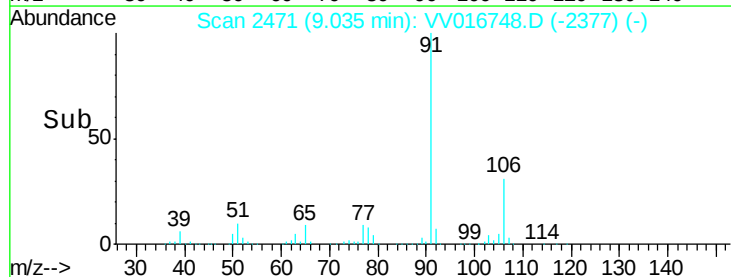
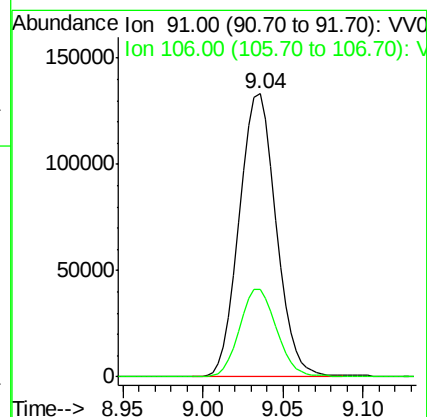
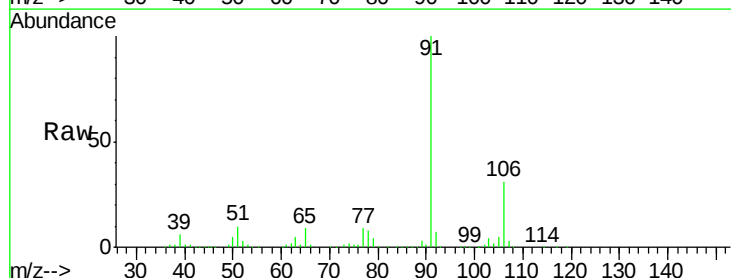
Acq: 10 Jun 2020 04:19

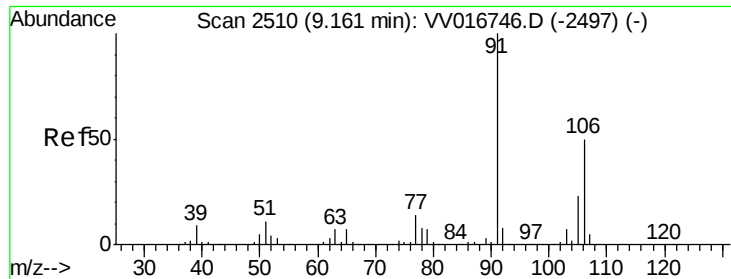
Tgt Ion: 91 Resp: 209125

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1





#53

m,p-Xylene

Concen: 3.006 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016748.D

Acq: 10 Jun 2020 04:19

Instrument :

MSVOA_V

ClientSampleId :

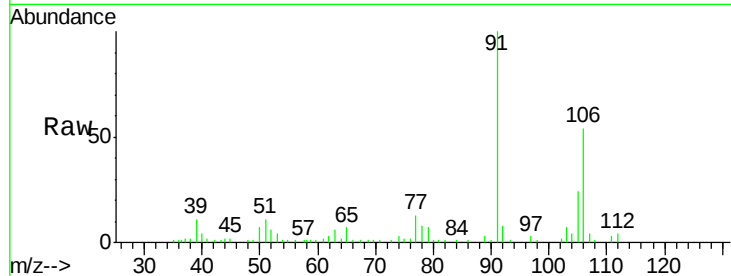
F9E12

Tot Ion:106 Resp: 12967

Ion Ratio Lower Upper

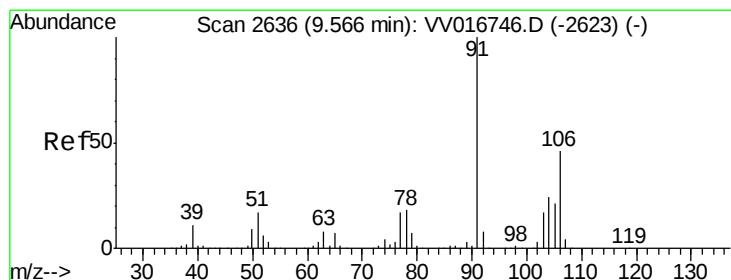
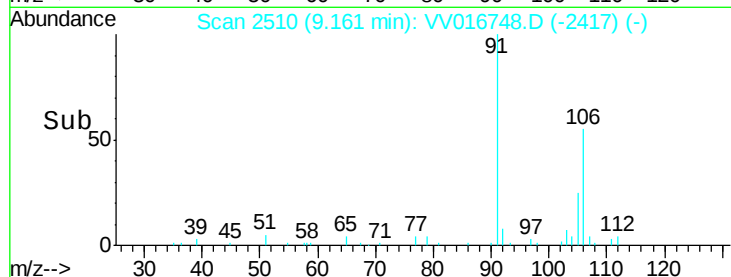
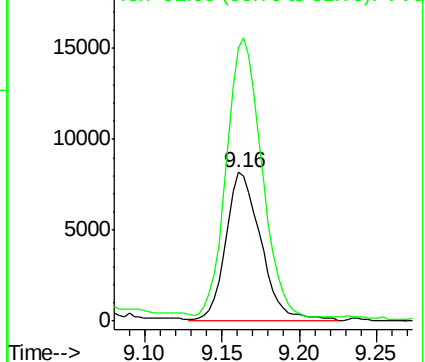
106 100

91 183.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.730 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016748.D

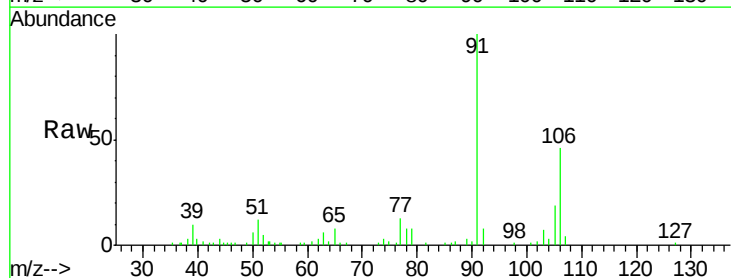
Acq: 10 Jun 2020 04:19

Tgt Ion:106 Resp: 11613

Ion Ratio Lower Upper

106 100

91 216.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

