

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016644.D
 Acq On : 07 Jun 2020 14:52
 Operator : SY/MD
 Sample : L2861-09DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E67DL

Quant Time: Jun 08 05:47:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359043	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105904	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.28%
7) Chloroethane-d5	1.57	69	58016	31.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.20%#
11) 1,1-Dichloroethene-d2	2.12	63	147221	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.90	46	181220	111.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.45%
24) Chloroform-d	4.37	84	231742	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	5.05	65	168491	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.07	84	465255	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
36) 1,2-Dichloropropane-d6	6.09	67	145332	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.34	98	416637	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%
43) trans-1,3-Dichloropropene-	7.64	79	62723	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.68%
47) 2-Hexanone-d5	8.11	63	128901	108.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189075	50.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	162597	55.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.26%

Target Compounds

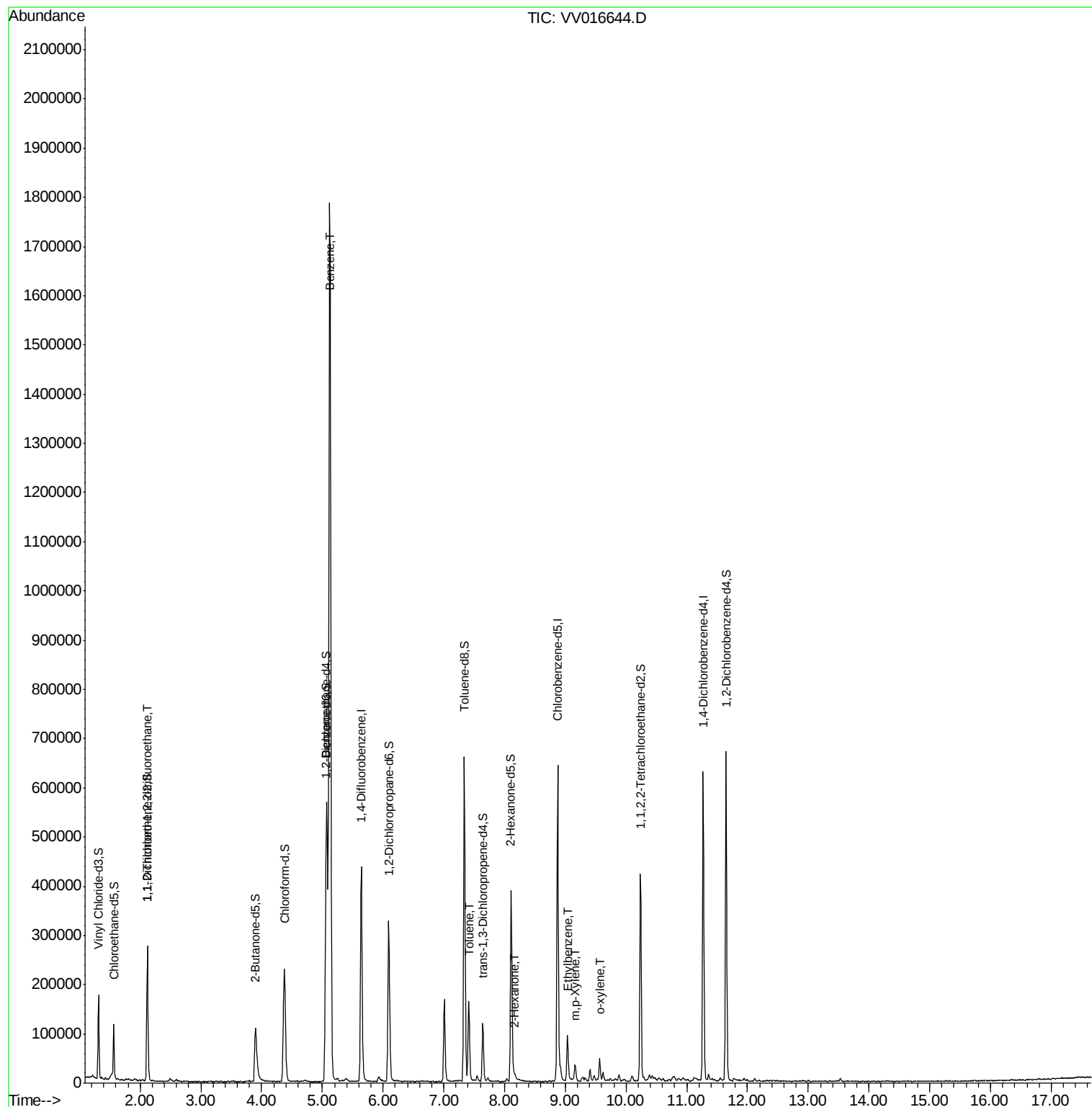
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1420	0.686 ug/L #	22
33) Benzene	5.12	78	1707366	174.452 ug/L	100
42) Toluene	7.41	91	114650	11.055 ug/L	96
48) 2-Hexanone	8.17	43	6959	2.550 ug/L #	96
52) Ethylbenzene	9.04	91	61801	5.475 ug/L	99
53) m,p-Xylene	9.16	106	8814	2.071 ug/L	89
54) o-xylene	9.57	106	11626	2.820 ug/L	91

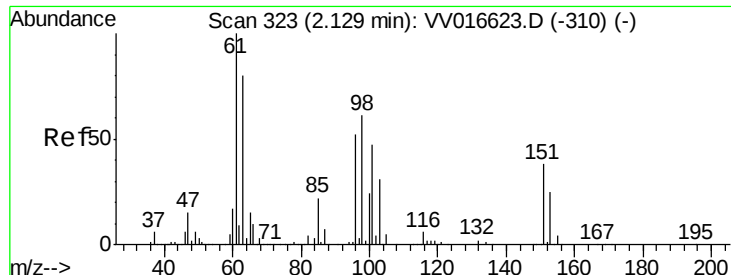
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.686 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

F9E67DL

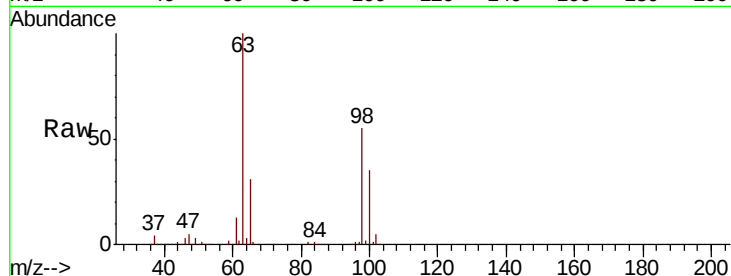
Tot Ion:101 Resp: 1420

Ion Ratio Lower Upper

101 100

85 6.2 35.6 53.4#

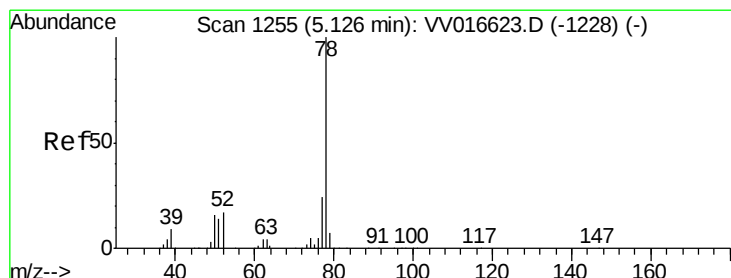
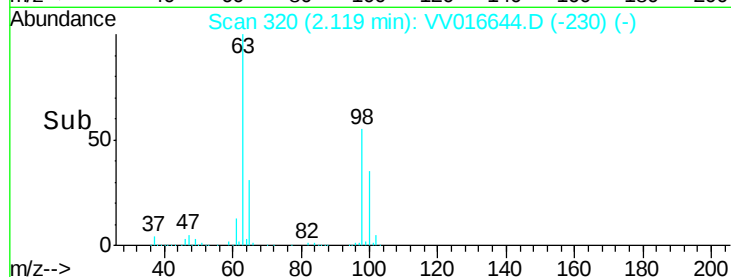
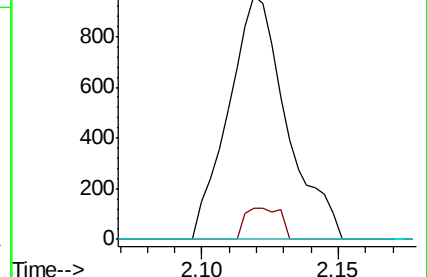
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#33

Benzene

Concen: 174.452 ug/L

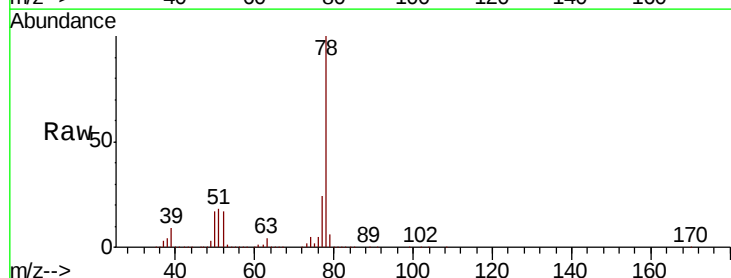
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

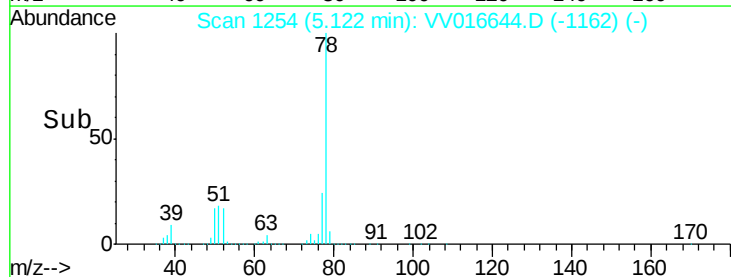
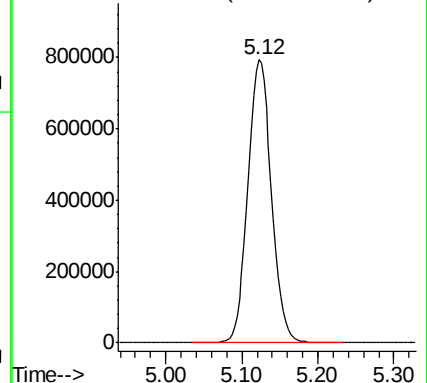
Lab File: VV016644.D

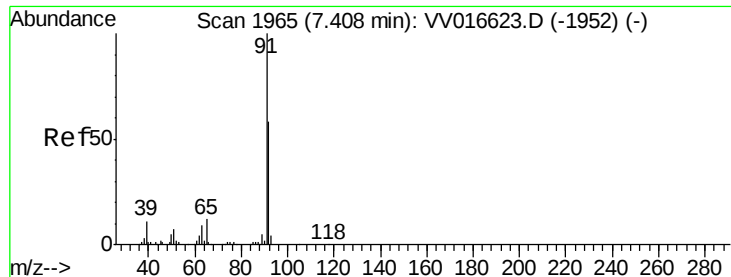
Acq: 07 Jun 2020 14:52

Tgt Ion: 78 Resp: 1707366



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 11.055 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

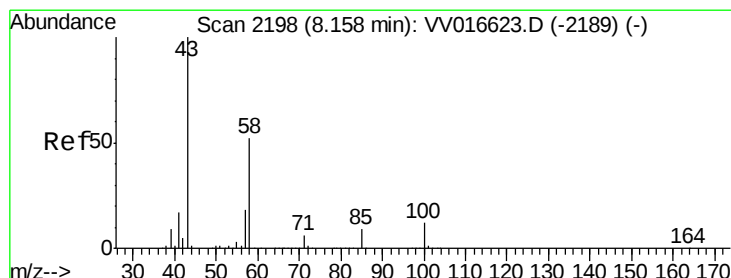
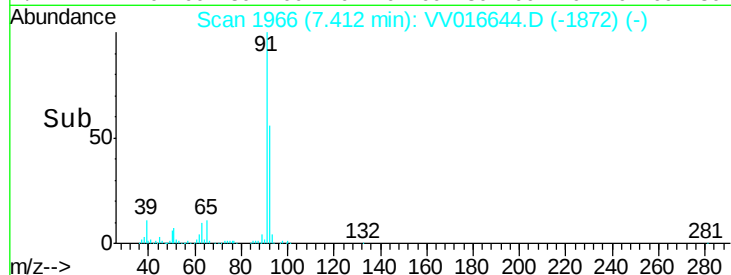
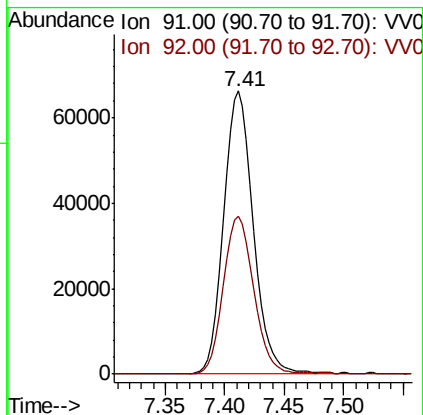
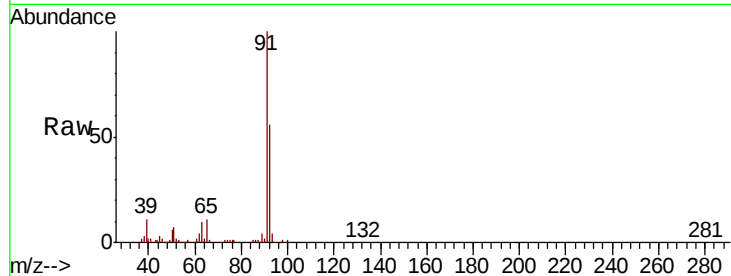
F9E67DL

Tot Ion: 91 Resp: 114650

Ion Ratio Lower Upper

91 100

92 55.8 40.9 75.9



#48

2-Hexanone

Concen: 2.550 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Tgt Ion: 43 Resp: 6959

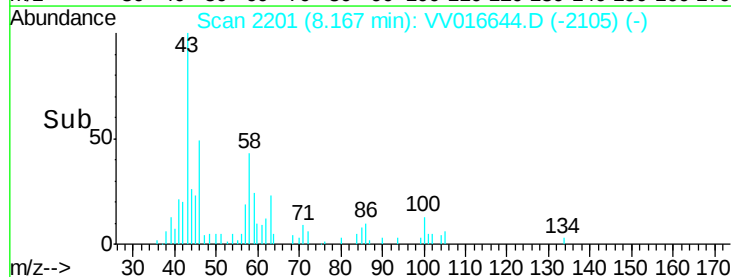
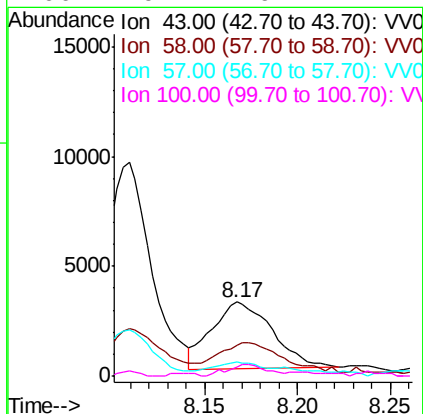
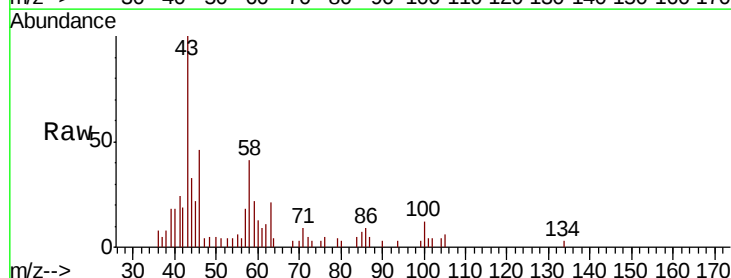
Ion Ratio Lower Upper

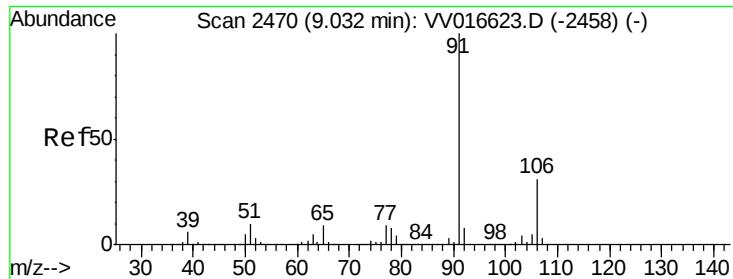
43 100

58 55.7 42.7 64.1

57 15.4 14.5 21.7

100 9.2 9.4 14.2#





#52

Ethylbenzene

Concen: 5.475 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

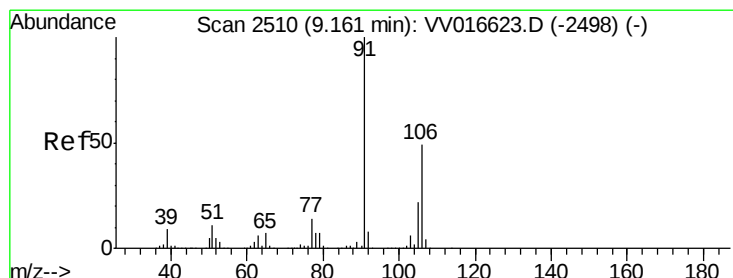
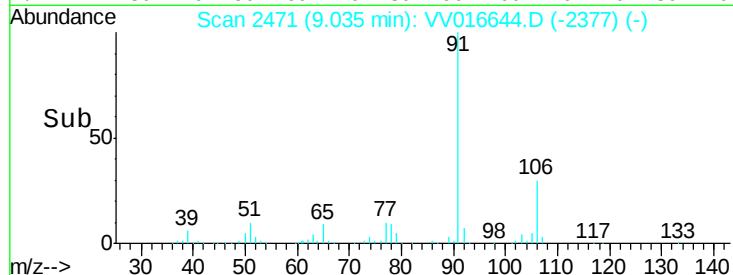
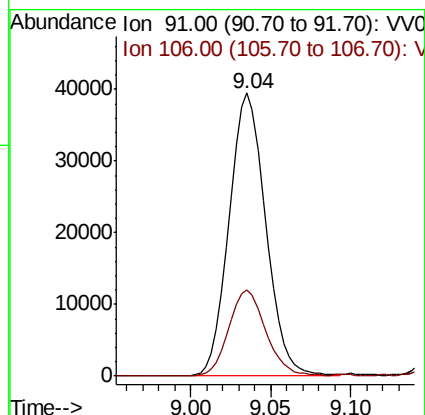
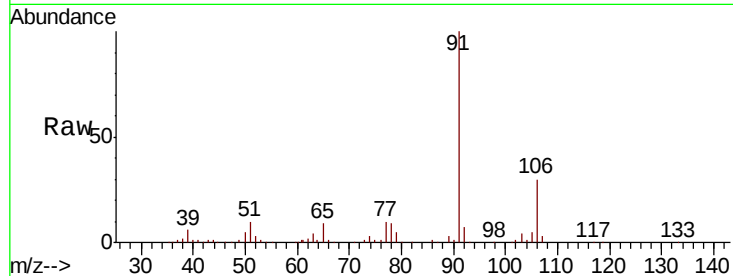
F9E67DL

Tot Ion: 91 Resp: 61801

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.4



#53

m,p-Xylene

Concen: 2.071 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016644.D

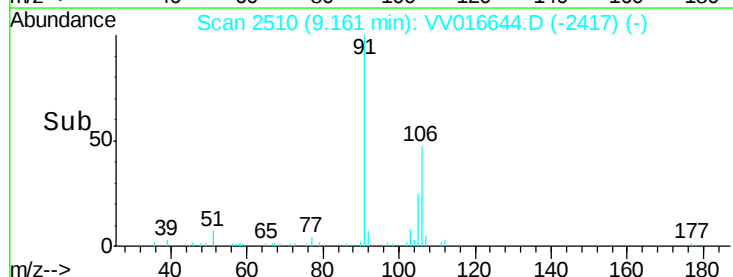
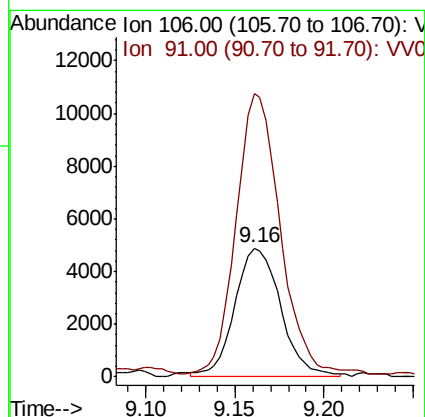
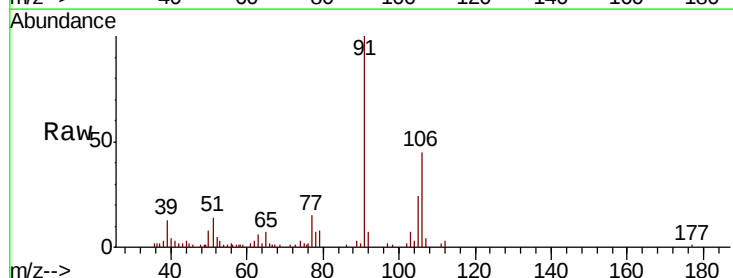
Acq: 07 Jun 2020 14:52

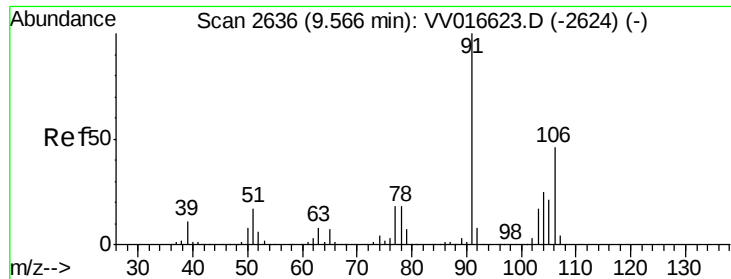
Tgt Ion: 106 Resp: 8814

Ion Ratio Lower Upper

106 100

91 220.3 142.5 264.6





#54
 o-xylene
 Concen: 2.820 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. -0.00 min
 Lab File: VV016644.D
 Acq: 07 Jun 2020 14:52

Instrument :
 MSVOA_V
 ClientSampleID :
 F9E67DL

Tot Ion:106 Resp: 11626
 Ion Ratio Lower Upper
 106 100
 91 231.9 152.5 283.1

