

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015817.D
 Acq On : 30 Apr 2020 02:52
 Operator : SY/MD
 Sample : L2431-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS0

Quant Time: Apr 30 08:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123662	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120507	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36928	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.58	69	34222	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.12	63	55317	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.90	46	94743	45.66	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	4.38	84	65762	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.06	65	41917	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.08	84	142278	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.09	67	44120	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	127121	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.65	79	13399	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.11	63	72215	41.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30620	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45783	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

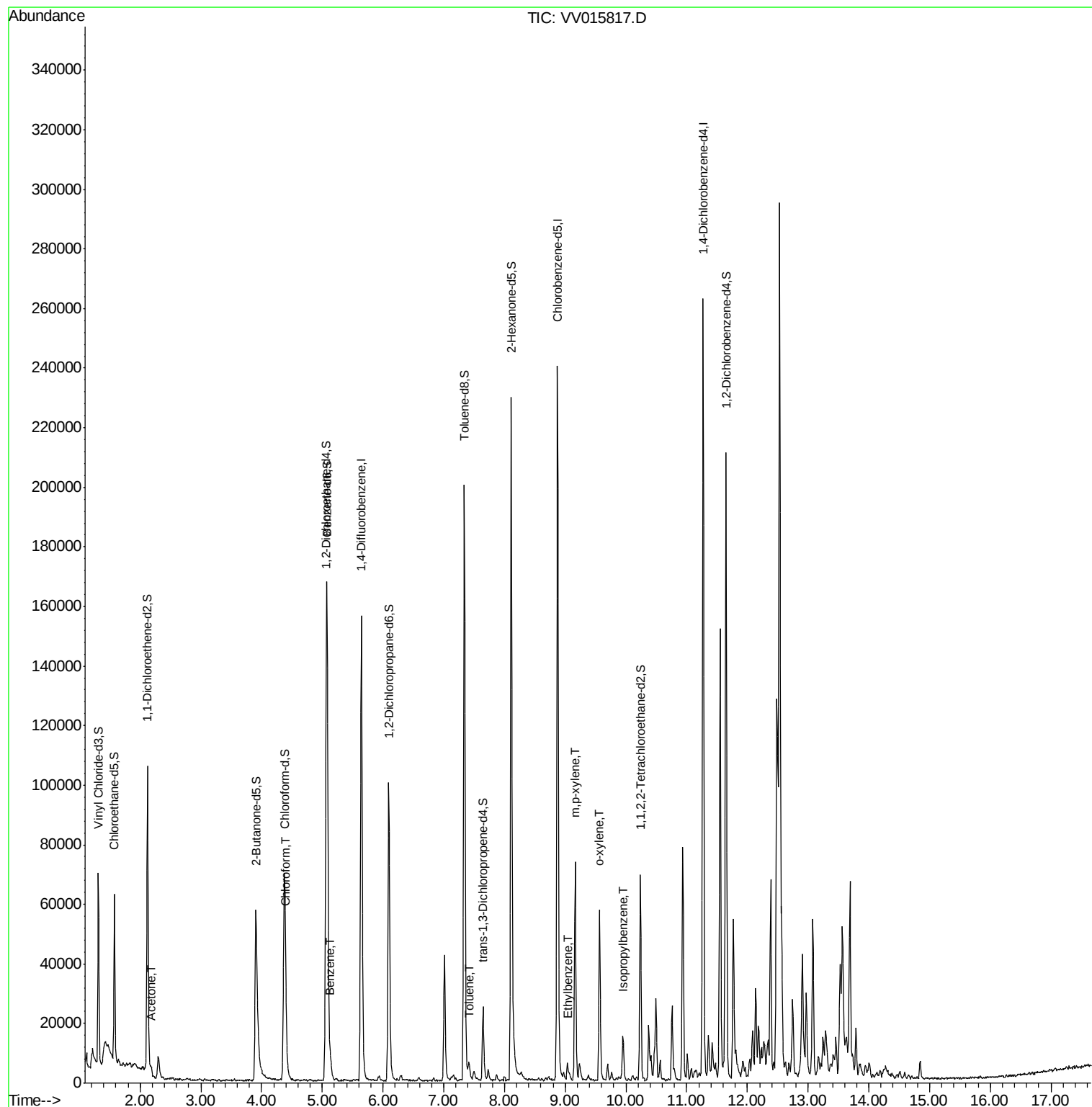
					Ovalue
13) Acetone	2.18	43	2765	1.919 ug/L	84
25) Chloroform	4.41	83	8340	0.496 ug/L	92
33) Benzene	5.13	78	6531	0.190 ug/L	100
42) Toluene	7.42	91	3335	0.091 ug/L	99
52) Ethylbenzene	9.04	91	3742	0.088 ug/L	98
53) m,p-xylene	9.16	106	19286	1.237 ug/L	95
54) o-xylene	9.57	106	13250	0.878 ug/L	97
56) Isopropylbenzene	9.95	105	7460	0.176 ug/L	96

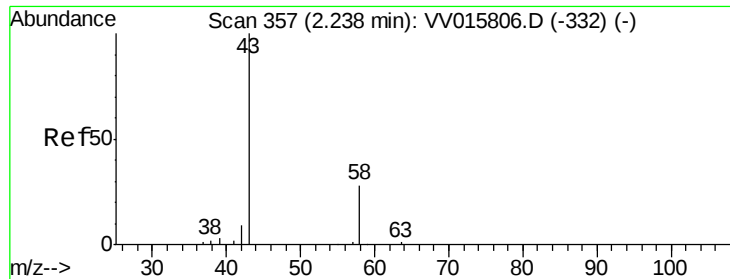
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.919 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.05 min

Lab File: VV015817.D

Acq: 30 Apr 2020 02:52

Instrument :

MSVOA_V

ClientSampled :

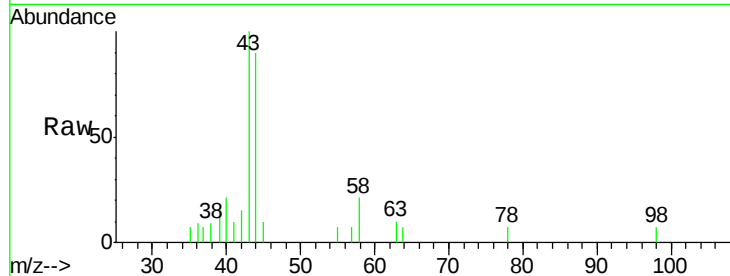
ETKS0

Tot Ion: 43 Resp: 2765

Ion Ratio Lower Upper

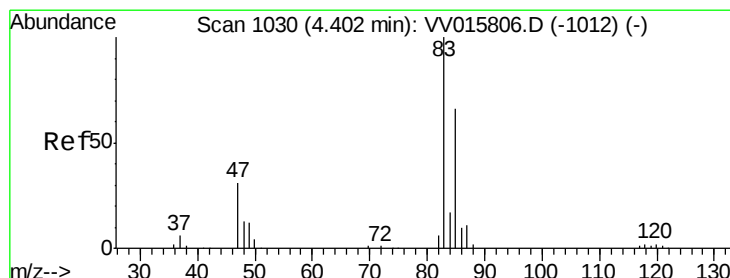
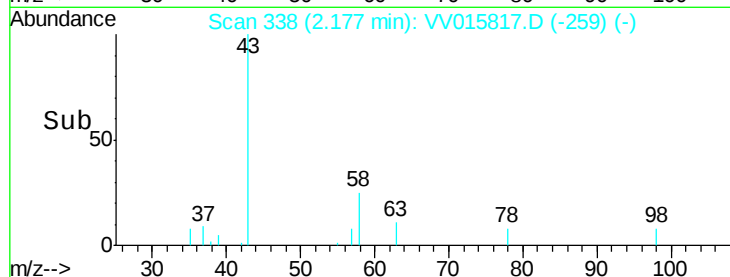
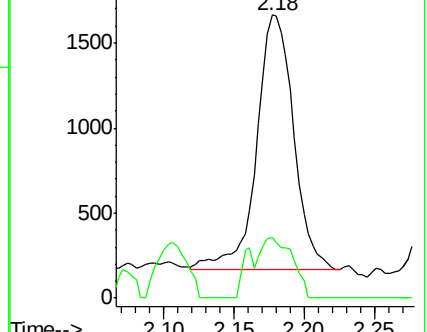
43 100

58 20.4 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015817.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV015817.D (-259) (-)



#25

Chloroform

Concen: 0.496 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015817.D

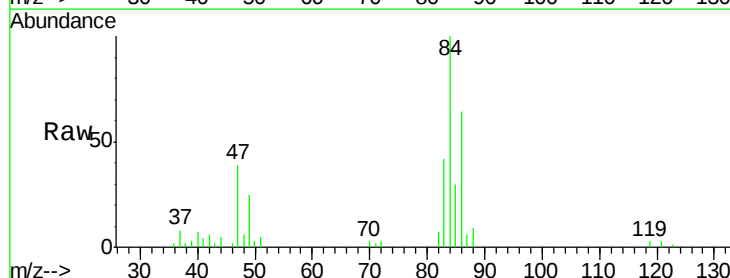
Acq: 30 Apr 2020 02:52

Tgt Ion: 83 Resp: 8340

Ion Ratio Lower Upper

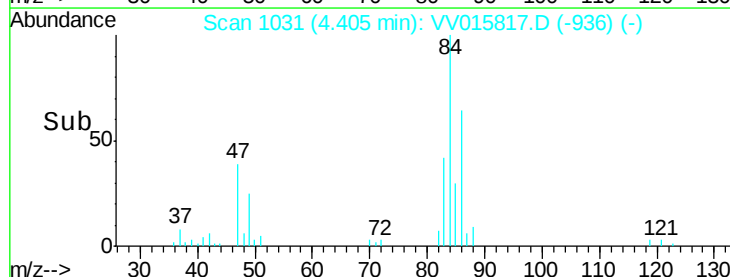
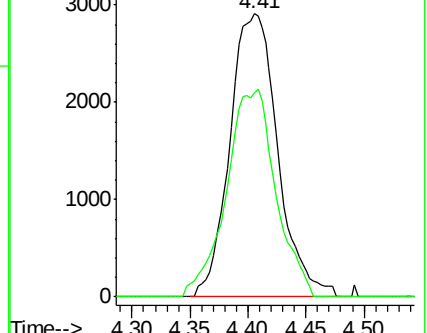
83 100

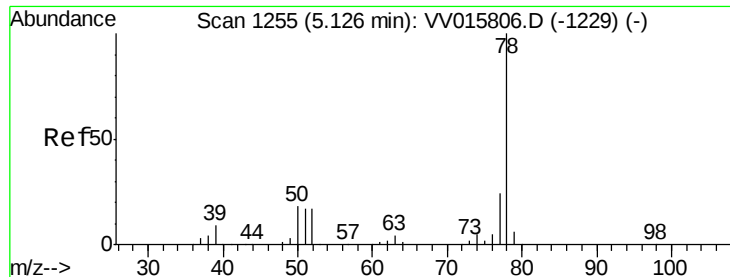
85 72.1 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015817.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015817.D (-936) (-)





#33

Benzene

Concen: 0.190 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015817.D

Acq: 30 Apr 2020 02:52

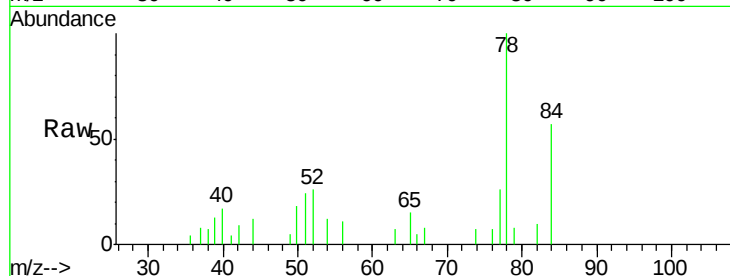
Instrument :

MSVOA_V

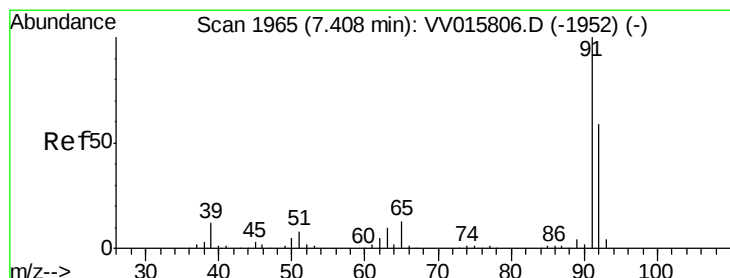
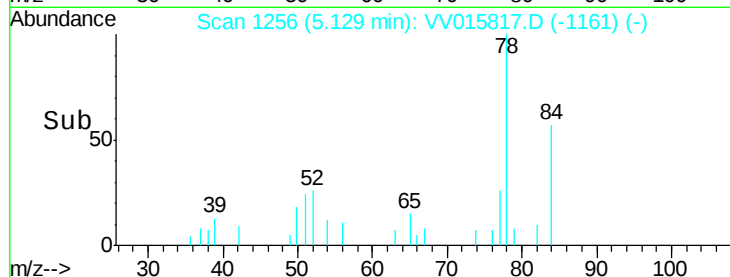
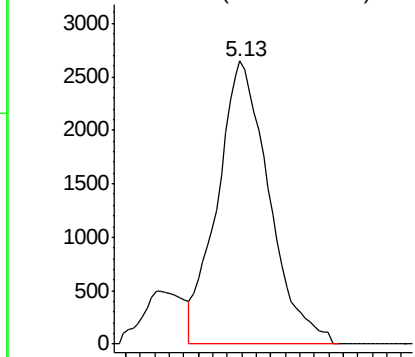
ClientSampled :

ETKS0

Tgt Ion: 78 Resp: 6531



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.091 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015817.D

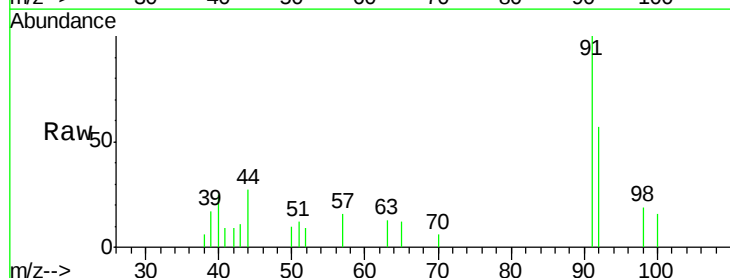
Acq: 30 Apr 2020 02:52

Tgt Ion: 91 Resp: 3335

Ion Ratio Lower Upper

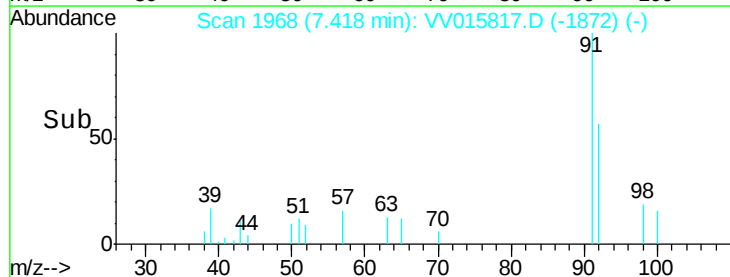
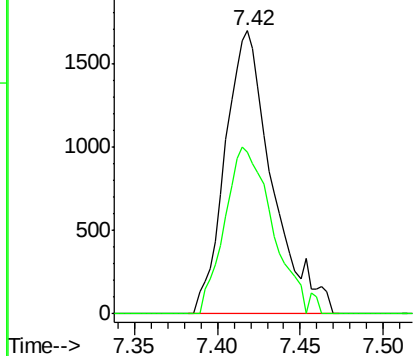
91 100

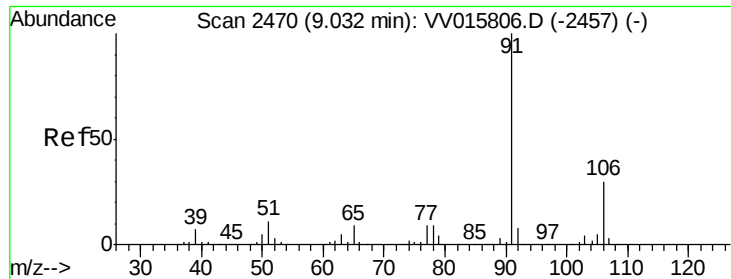
92 57.2 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 0.088 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015817.D

Acq: 30 Apr 2020 02:52

Instrument :

MSVOA_V

ClientSampleId :

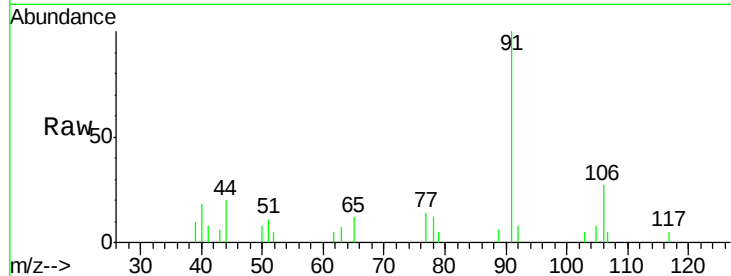
ETKS0

Tot Ion: 91 Resp: 3742

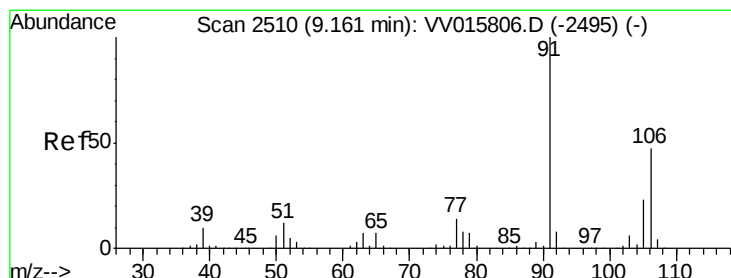
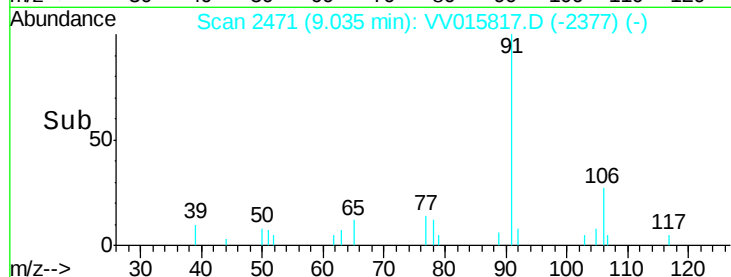
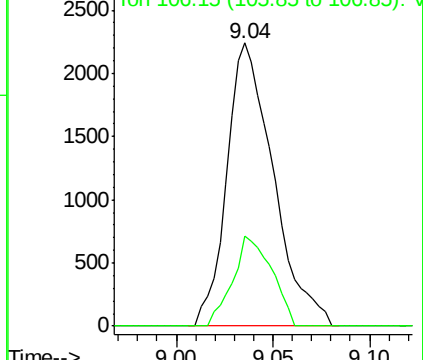
Ion Ratio Lower Upper

91 100

106 31.6 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015817.D (-2377) (-)



#53

m,p-xylene

Concen: 1.237 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015817.D

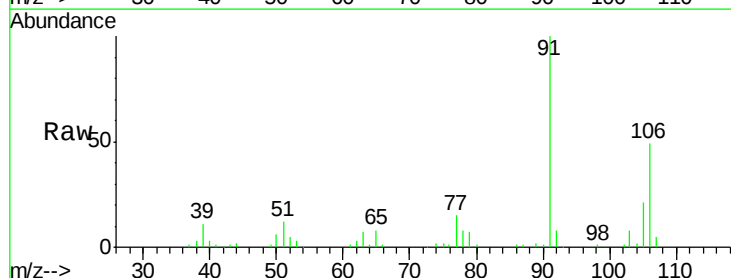
Acq: 30 Apr 2020 02:52

Tgt Ion: 106 Resp: 19286

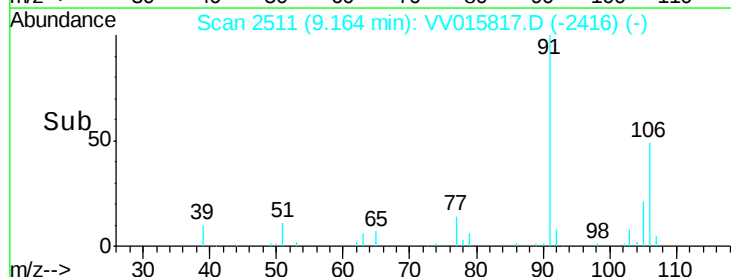
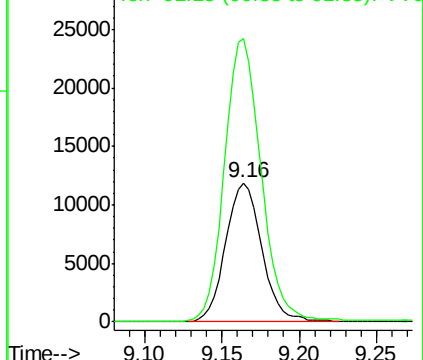
Ion Ratio Lower Upper

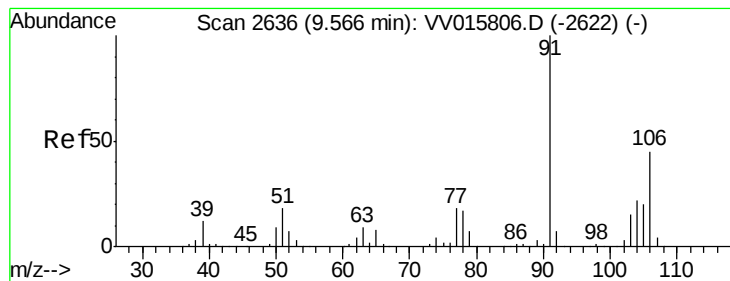
106 100

91 203.5 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015817.D (-2416) (-)





#54

o-xylene

Concen: 0.878 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015817.D

Acq: 30 Apr 2020 02:52

Instrument :

MSVOA_V

ClientSampleId :

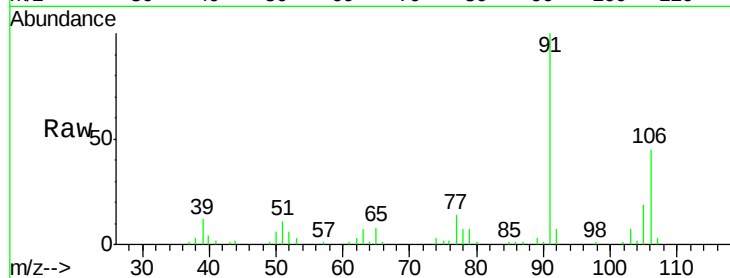
ETKS0

Tot Ion:106 Resp: 13250

Ion Ratio Lower Upper

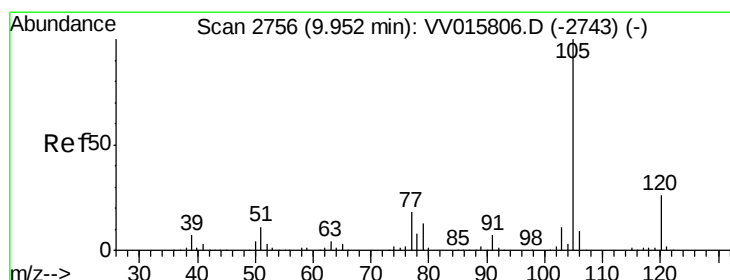
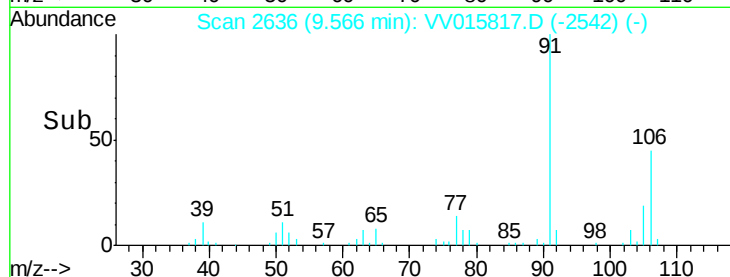
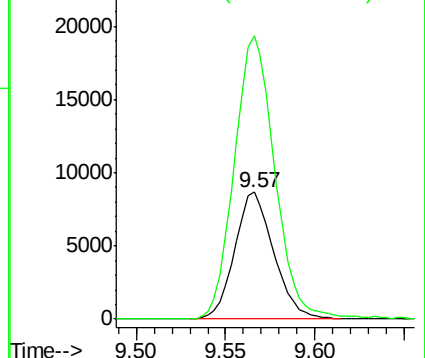
106 100

91 223.0 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.176 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015817.D

Acq: 30 Apr 2020 02:52

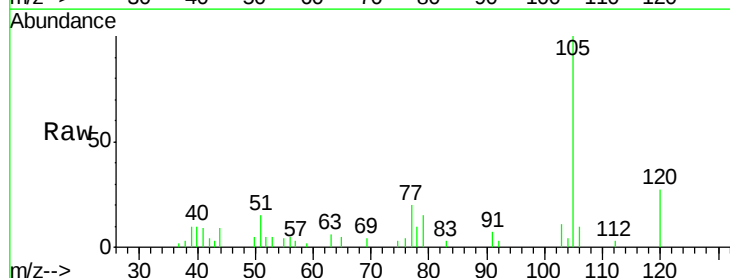
Tgt Ion:105 Resp: 7460

Ion Ratio Lower Upper

105 100

120 25.2 20.7 31.1

77 20.6 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

