

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015809.D
 Acq On : 29 Apr 2020 23:43
 Operator : SY/MD
 Sample : L2431-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKR2

Quant Time: Apr 30 07:38:39 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	123764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120506	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38621	5.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.40%
7) Chloroethane-d5	1.58	69	33854	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.12	63	55847	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.91	46	92094	44.34	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	4.38	84	71183	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	40230	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.08	84	140016	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.10	67	43965	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	125341	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.65	79	13862	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.11	63	67667	39.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29467	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	46788	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

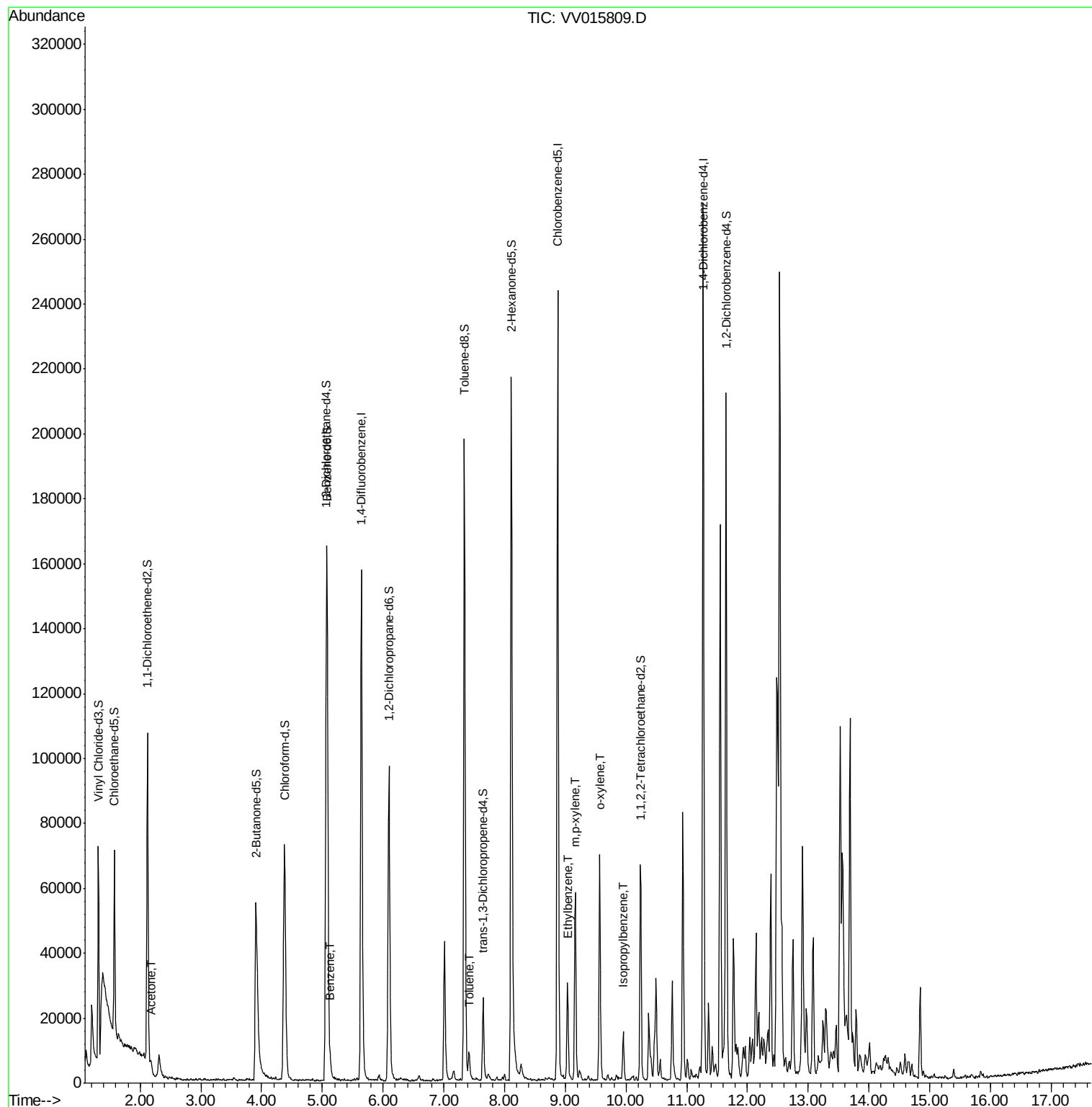
					Ovalue
13) Acetone	2.18	43	3495	2.424 ug/L	85
33) Benzene	5.13	78	3633	0.106 ug/L	100
42) Toluene	7.41	91	5618	0.153 ug/L	94
52) Ethylbenzene	9.04	91	19989	0.470 ug/L	98
53) m,p-xylene	9.16	106	15566	0.998 ug/L	98
54) o-xylene	9.57	106	17483	1.159 ug/L	89
56) Isopropylbenzene	9.95	105	8614	0.203 ug/L	98

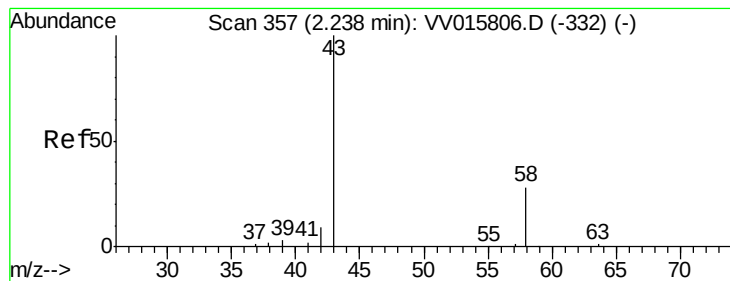
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.424 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015809.D

Acq: 29 Apr 2020 23:43

Instrument :

MSVOA_V

ClientSampled :

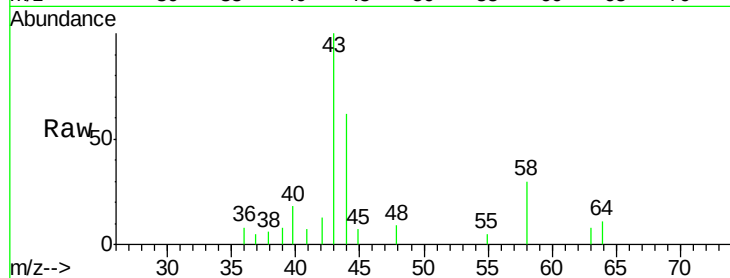
ETKR2

Tot Ion: 43 Resp: 3495

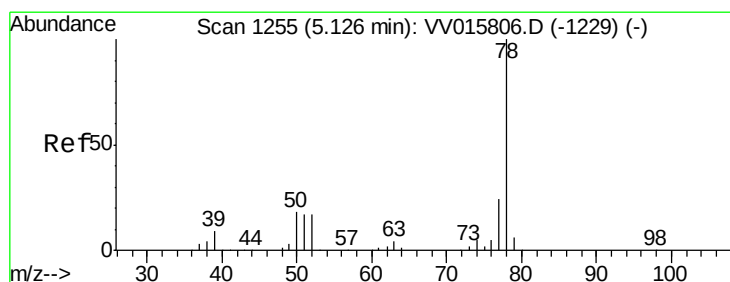
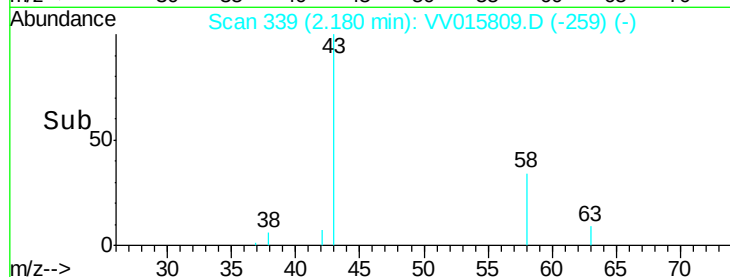
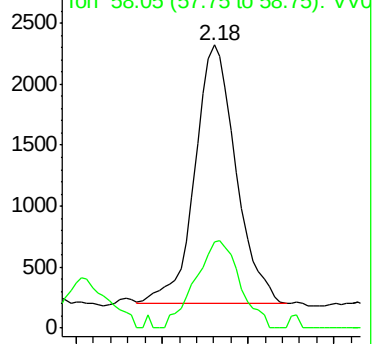
Ion Ratio Lower Upper

43 100

58 36.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015809.D (-259) (-)



#33

Benzene

Concen: 0.106 ug/L

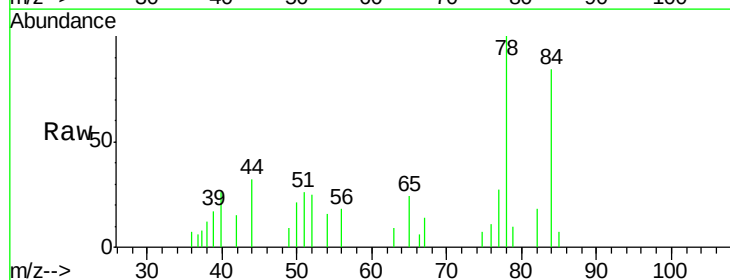
RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

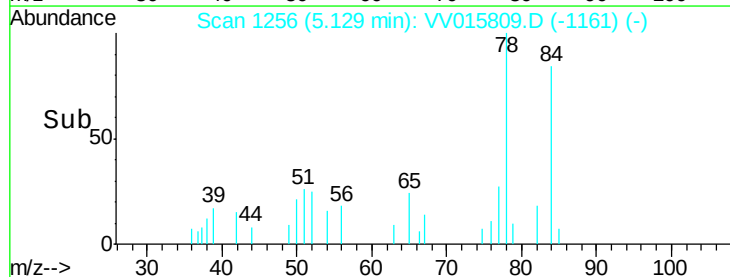
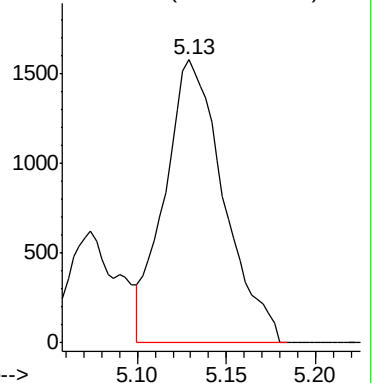
Lab File: VV015809.D

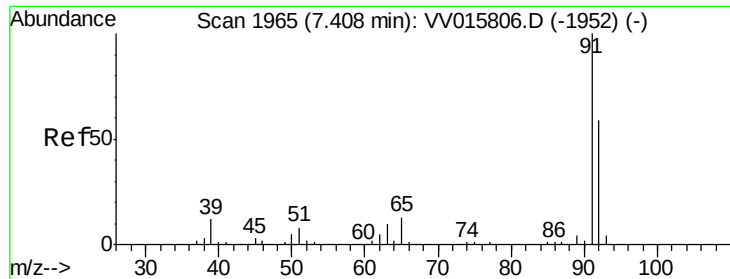
Acq: 29 Apr 2020 23:43

Tgt Ion: 78 Resp: 3633



Abundance Ion 78.10 (77.80 to 78.80): VV015809.D (-1161) (-)





#42

Toluene

Concen: 0.153 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015809.D

Acq: 29 Apr 2020 23:43

Instrument :

MSVOA_V

ClientSampleId :

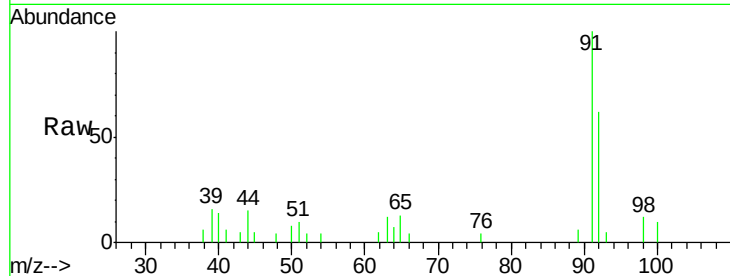
ETKR2

Tot Ion: 91 Resp: 5618

Ion Ratio Lower Upper

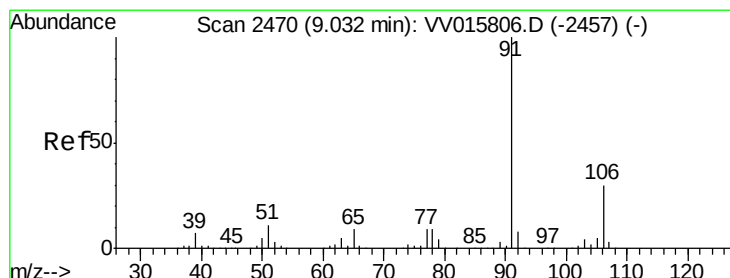
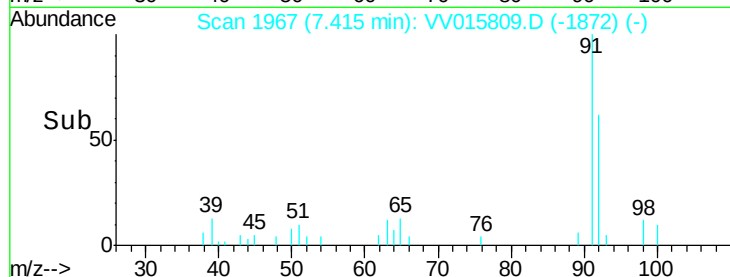
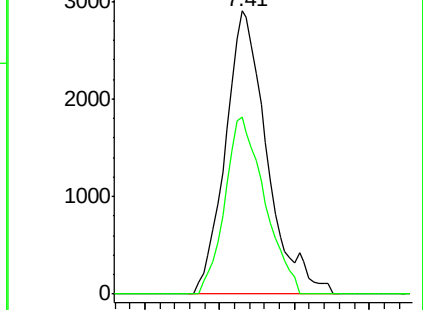
91 100

92 62.4 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: 0.470 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015809.D

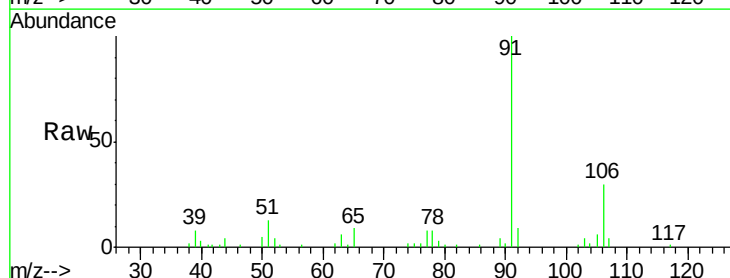
Acq: 29 Apr 2020 23:43

Tgt Ion: 91 Resp: 19989

Ion Ratio Lower Upper

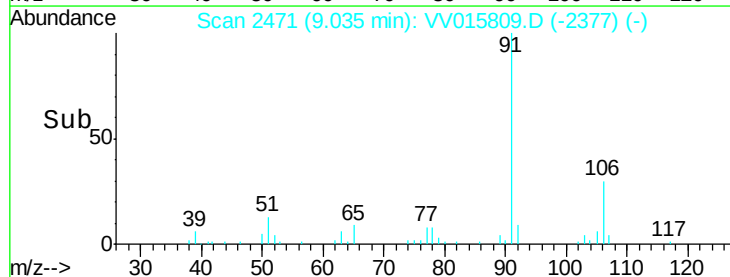
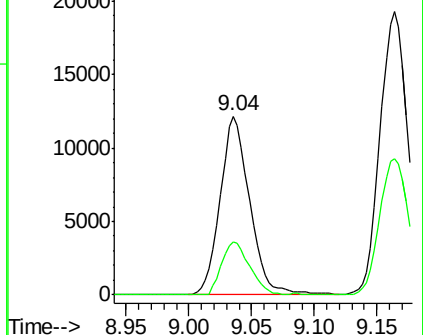
91 100

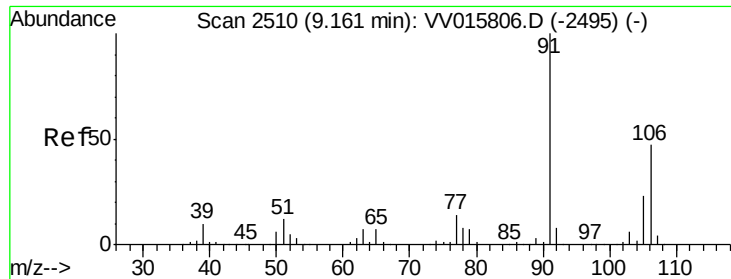
106 29.5 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.998 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015809.D

Acq: 29 Apr 2020 23:43

Instrument :

MSVOA_V

ClientSampleId :

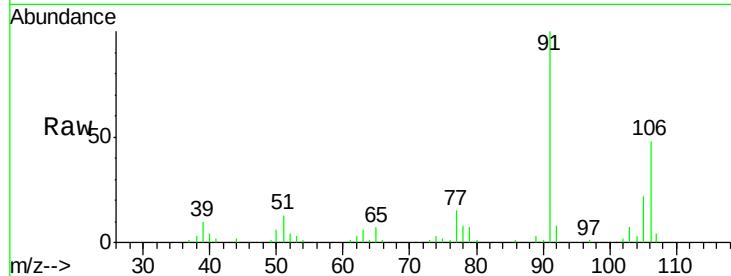
ETKR2

Tot Ion:106 Resp: 15566

Ion Ratio Lower Upper

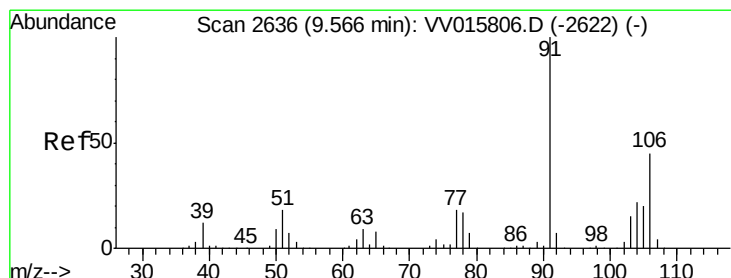
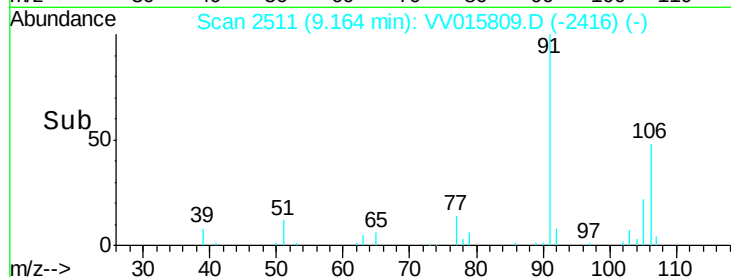
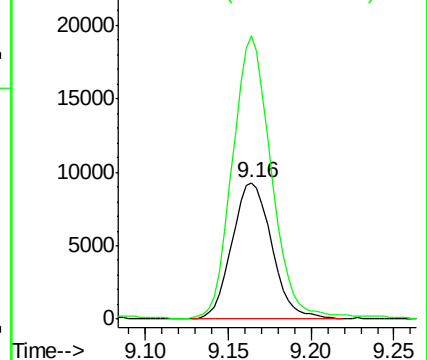
106 100

91 207.9 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 1.159 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015809.D

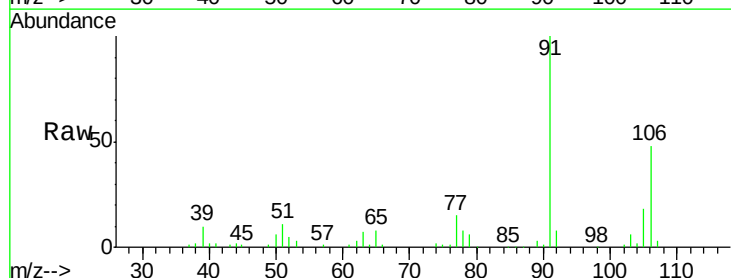
Acq: 29 Apr 2020 23:43

Tgt Ion:106 Resp: 17483

Ion Ratio Lower Upper

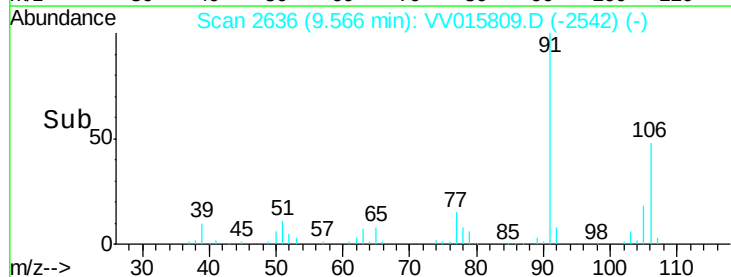
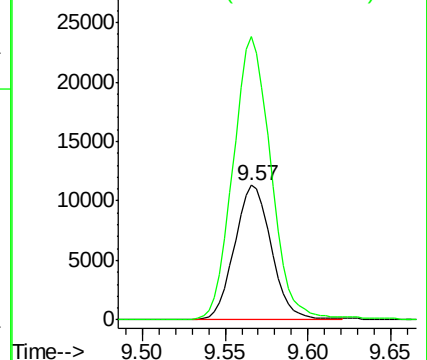
106 100

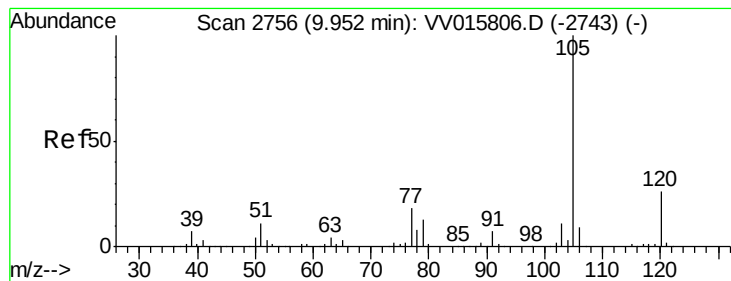
91 210.5 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.203 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015809.D

Acq: 29 Apr 2020 23:43

Instrument :
MSVOA_V
ClientSampleId :
ETKR2

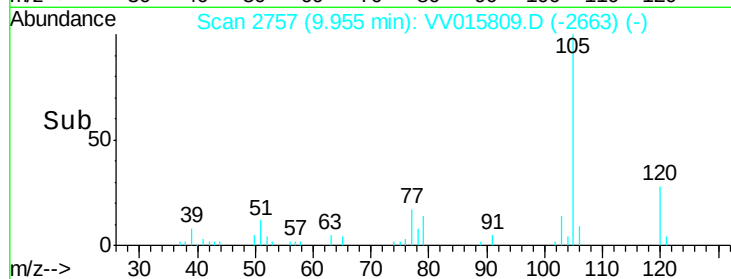
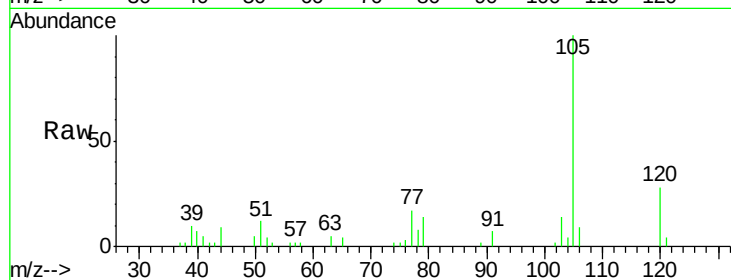
Tot Ion:105 Resp: 8614

Ion Ratio Lower Upper

105 100

120 24.7 20.7 31.1

77 18.4 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): V

