

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015808.D
 Acq On : 29 Apr 2020 23:19
 Operator : SY/MD
 Sample : L2431-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKR1

Quant Time: Apr 30 07:31:09 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	124937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35890	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.58	69	34634	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.12	63	53330	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.91	46	89120	42.51	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.02%
24) Chloroform-d	4.38	84	68939	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	39694	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.08	84	135919	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	43231	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	121745	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.64	79	13451	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.11	63	65984	36.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29504	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46346	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

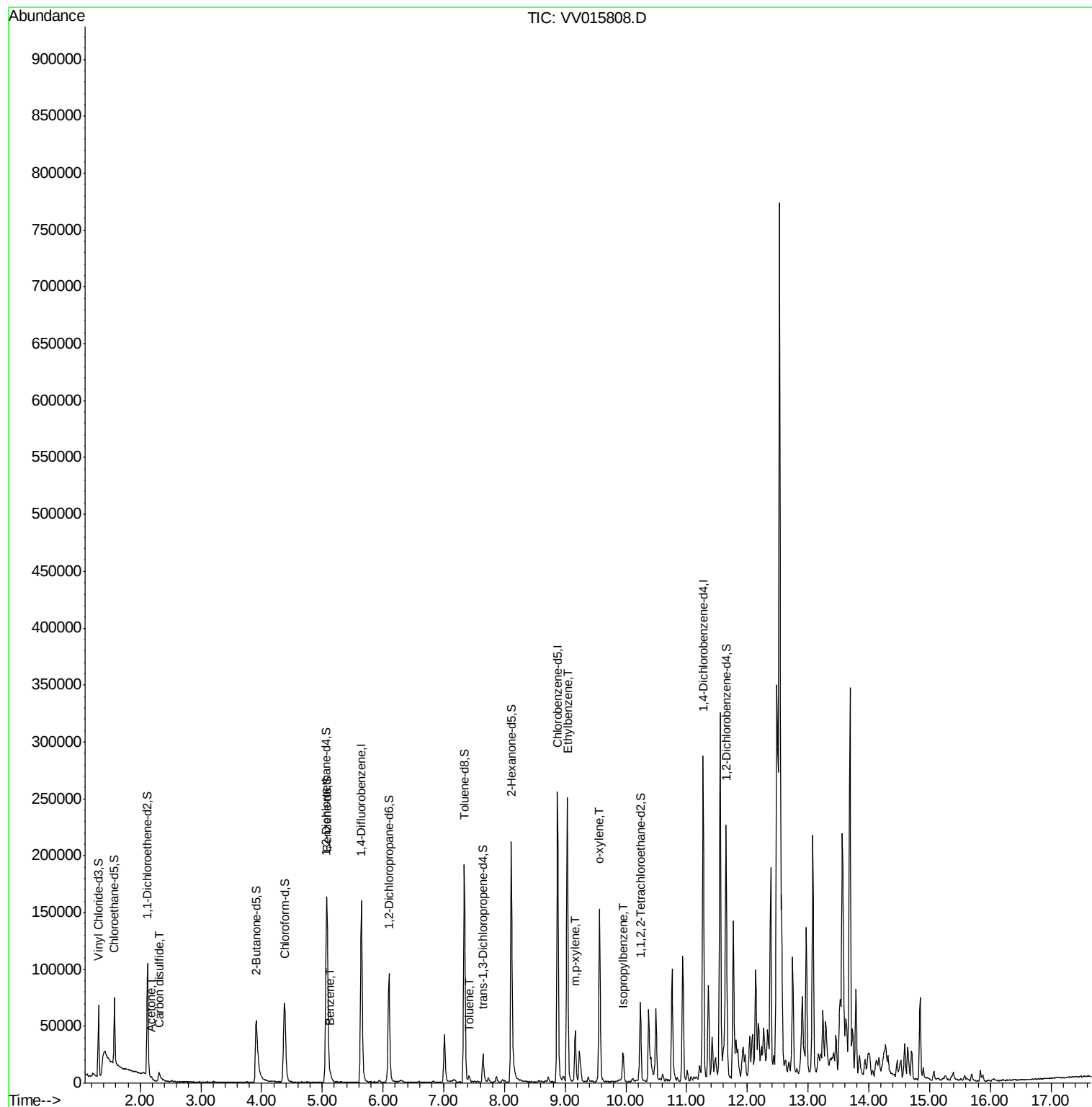
					Ovalue
13) Acetone	2.19	43	2493	1.713 ug/L	89
14) Carbon disulfide	2.31	76	6945	0.338 ug/L	97
33) Benzene	5.13	78	5162	0.144 ug/L	100
42) Toluene	7.42	91	3689	0.096 ug/L	98
52) Ethylbenzene	9.04	91	165939	3.731 ug/L	97
53) m,p-xylene	9.16	106	11553	0.709 ug/L	96
54) o-xylene	9.57	106	37632	2.387 ug/L	96
56) Isopropylbenzene	9.95	105	14577	0.330 ug/L	97

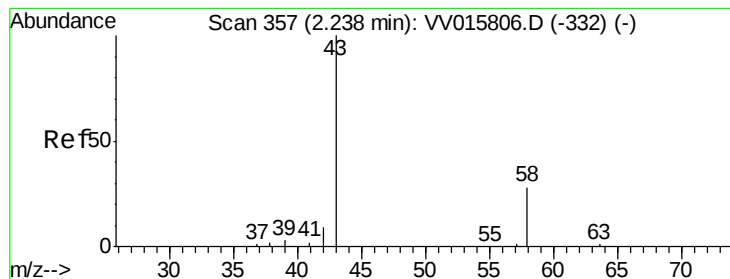
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.713 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015808.D

Acq: 29 Apr 2020 23:19

Instrument :

MSVOA_V

ClientSampled :

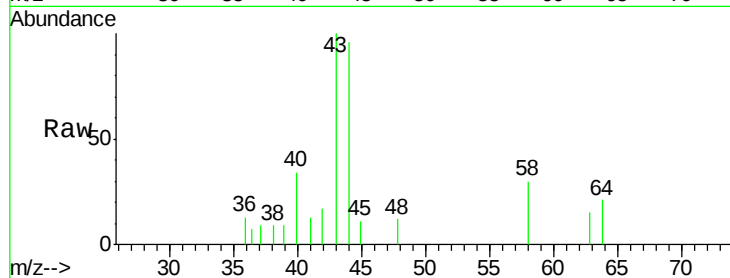
ETKR1

Tot Ion: 43 Resp: 2493

Ion Ratio Lower Upper

43 100

58 34.5 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015808.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV015808.D (-259) (-)

2.19

1500

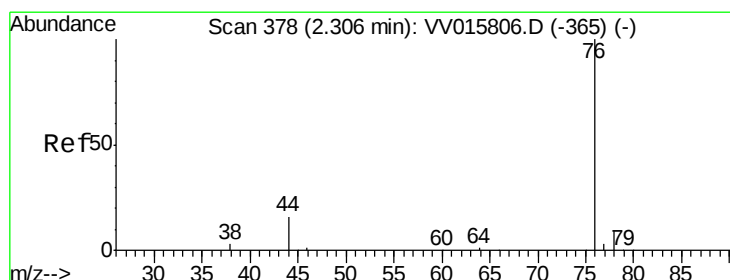
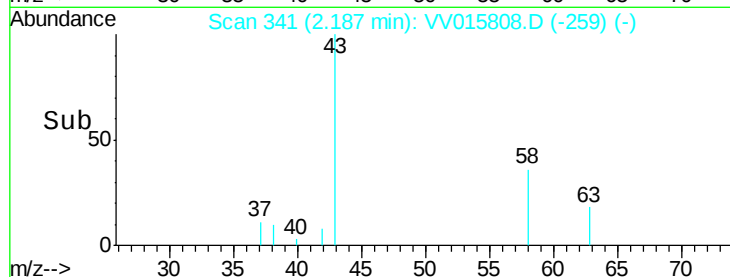
1000

500

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.338 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015808.D

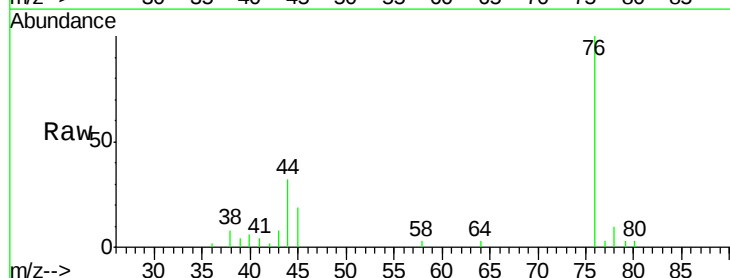
Acq: 29 Apr 2020 23:19

Tgt Ion: 76 Resp: 6945

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV015808.D (-284) (-)

Ion 78.00 (77.70 to 78.70): VV015808.D (-284) (-)

2.31

5000

4000

3000

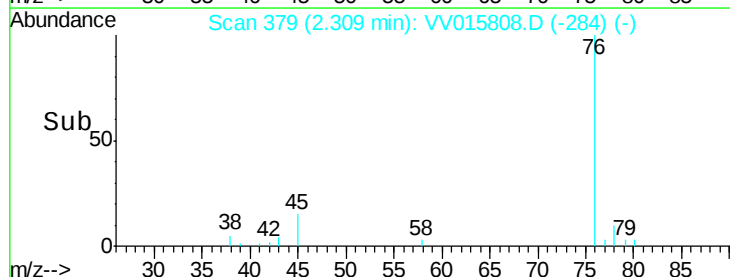
2000

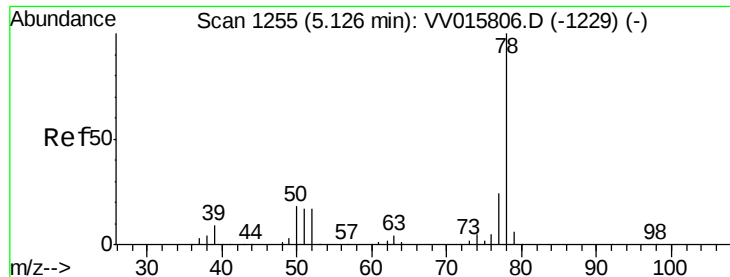
1000

0

Time-->

2.25 2.30 2.35





#33

Benzene

Concen: 0.144 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015808.D

Acq: 29 Apr 2020 23:19

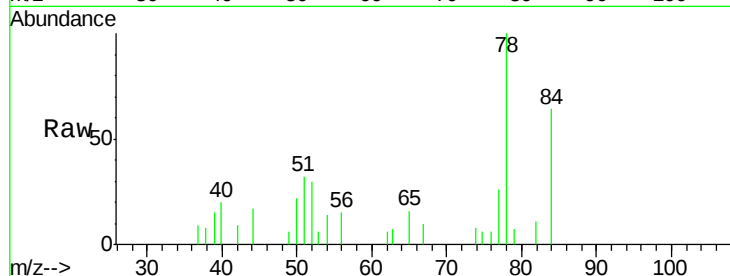
Instrument :

MSVOA_V

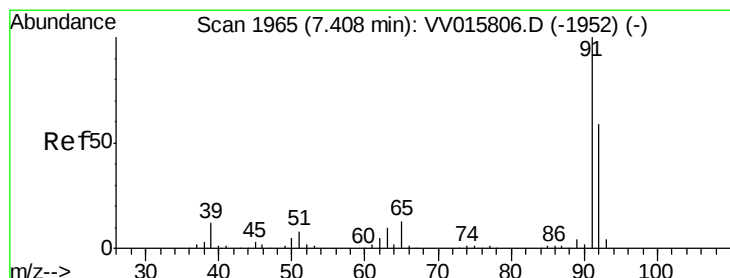
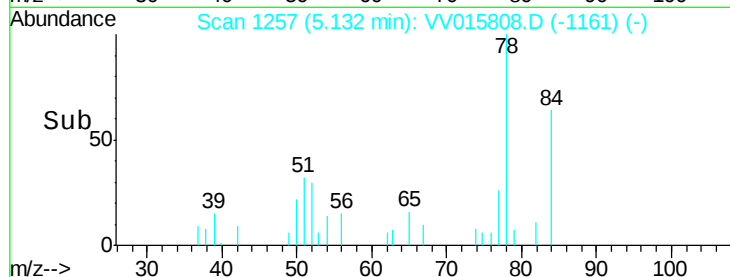
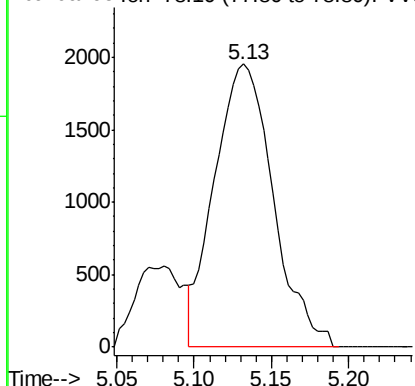
ClientSampleId :

ETKR1

Tgt Ion: 78 Resp: 5162



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.096 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015808.D

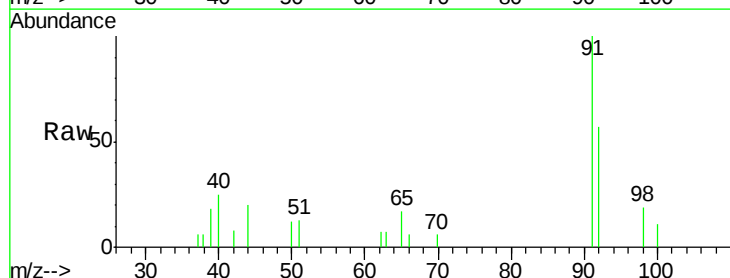
Acq: 29 Apr 2020 23:19

Tgt Ion: 91 Resp: 3689

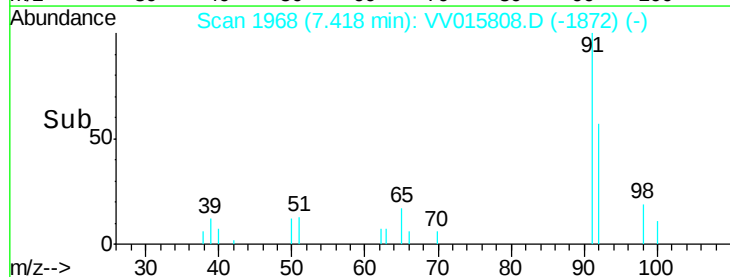
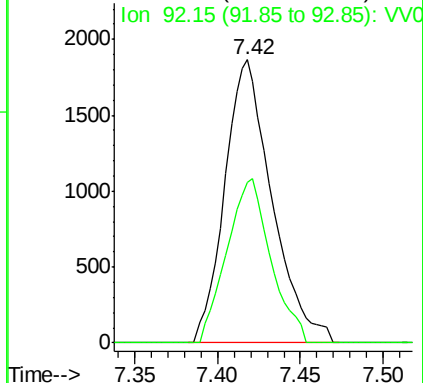
Ion Ratio Lower Upper

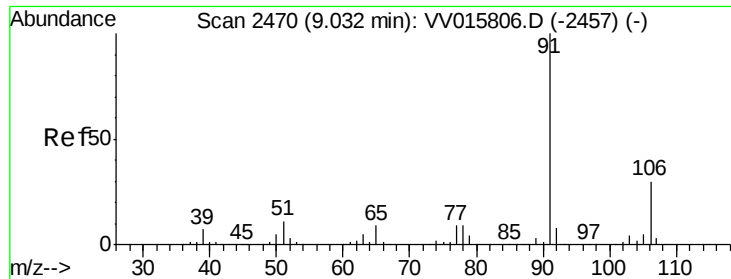
91 100

92 56.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 3.731 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015808.D

Acq: 29 Apr 2020 23:19

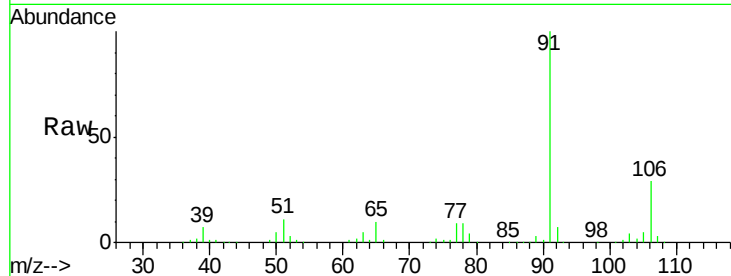
Instrument :
MSVOA_V
ClientSampled :
ETKR1

Tot Ion: 91 Resp: 165939

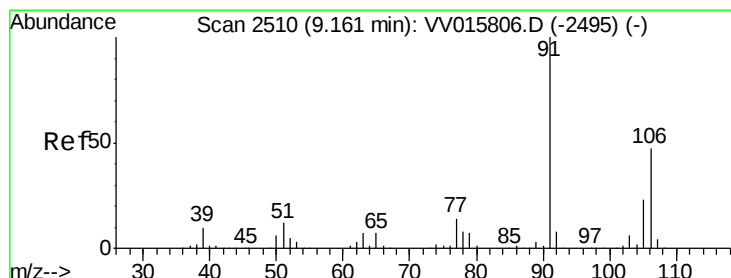
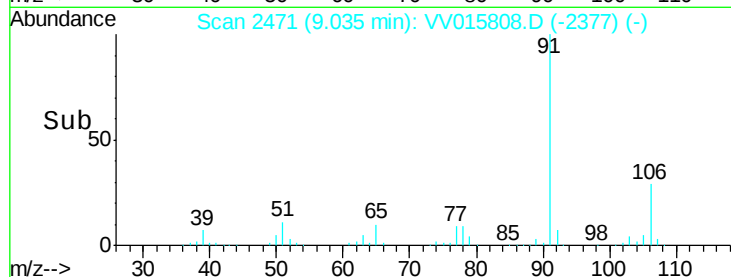
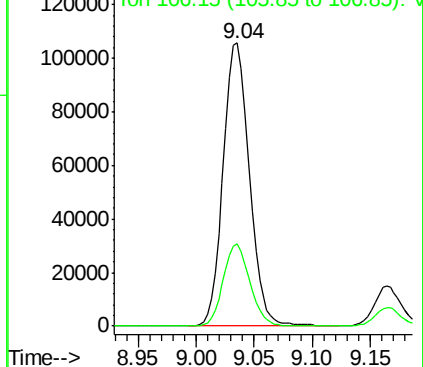
Ion Ratio Lower Upper

91 100

106 28.9 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015808.D (-2477) (-)



#53

m,p-xylene

Concen: 0.709 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015808.D

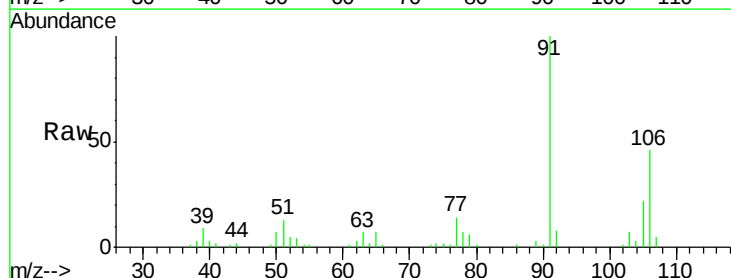
Acq: 29 Apr 2020 23:19

Tgt Ion: 106 Resp: 11553

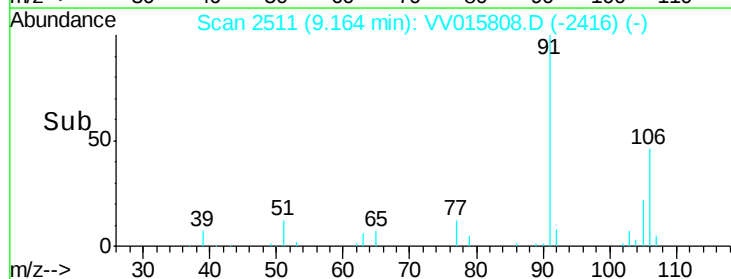
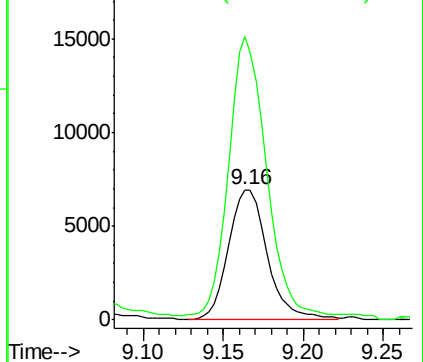
Ion Ratio Lower Upper

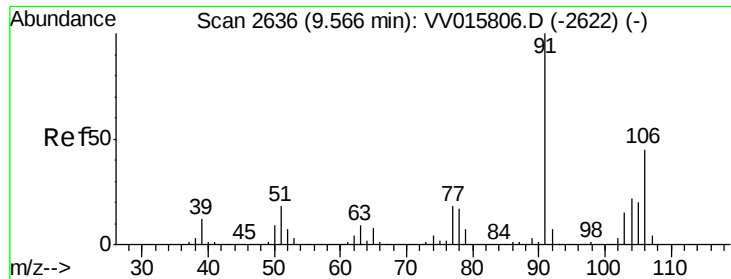
106 100

91 217.0 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015808.D (-2516) (-)





#54

o-xylene

Concen: 2.387 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015808.D

Acq: 29 Apr 2020 23:19

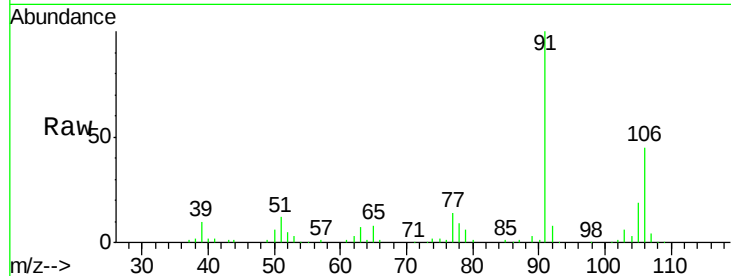
Instrument :
MSVOA_V
ClientSampleId :
ETKR1

Tot Ion:106 Resp: 37632

Ion Ratio Lower Upper

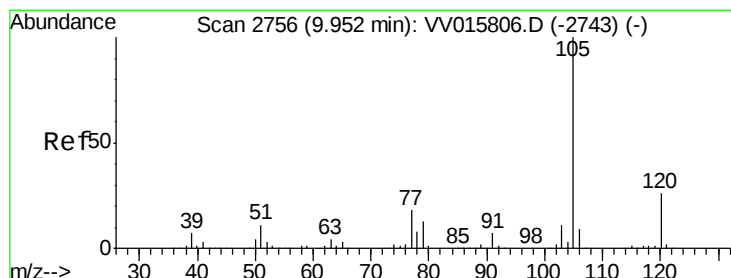
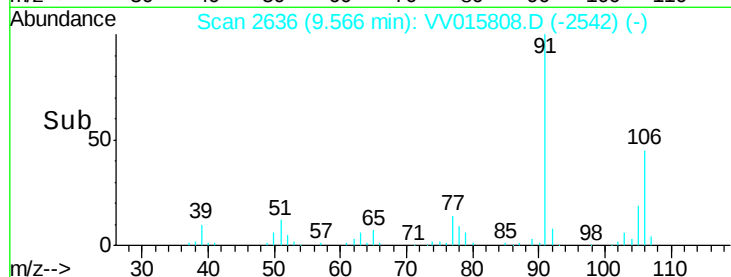
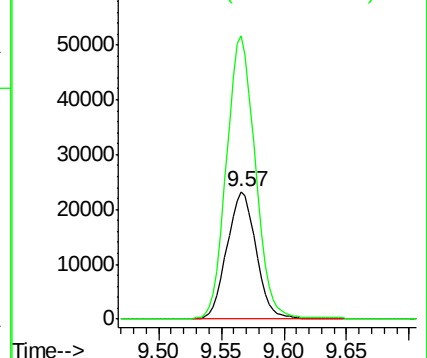
106 100

91 222.3 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.330 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015808.D

Acq: 29 Apr 2020 23:19

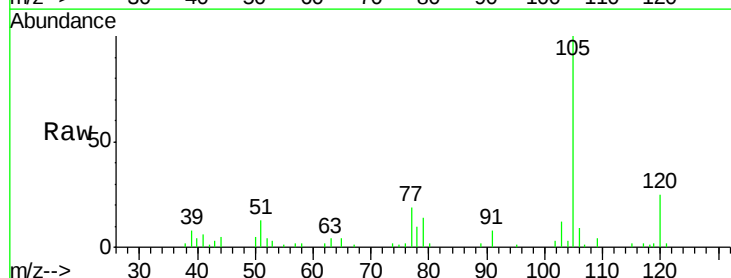
Tgt Ion:105 Resp: 14577

Ion Ratio Lower Upper

105 100

120 24.6 20.7 31.1

77 18.9 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

