

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015673.D
 Acq On : 24 Apr 2020 14:58
 Operator : SY/MD
 Sample : L2416-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP4

Quant Time: Apr 25 02:24:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120139	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27687	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	29542	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	45574	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.90	46	103547	51.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.38	84	71810	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	40954	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	134525	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	43270	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	122728	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.64	79	14121	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.11	63	76651	46.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30767	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49435	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

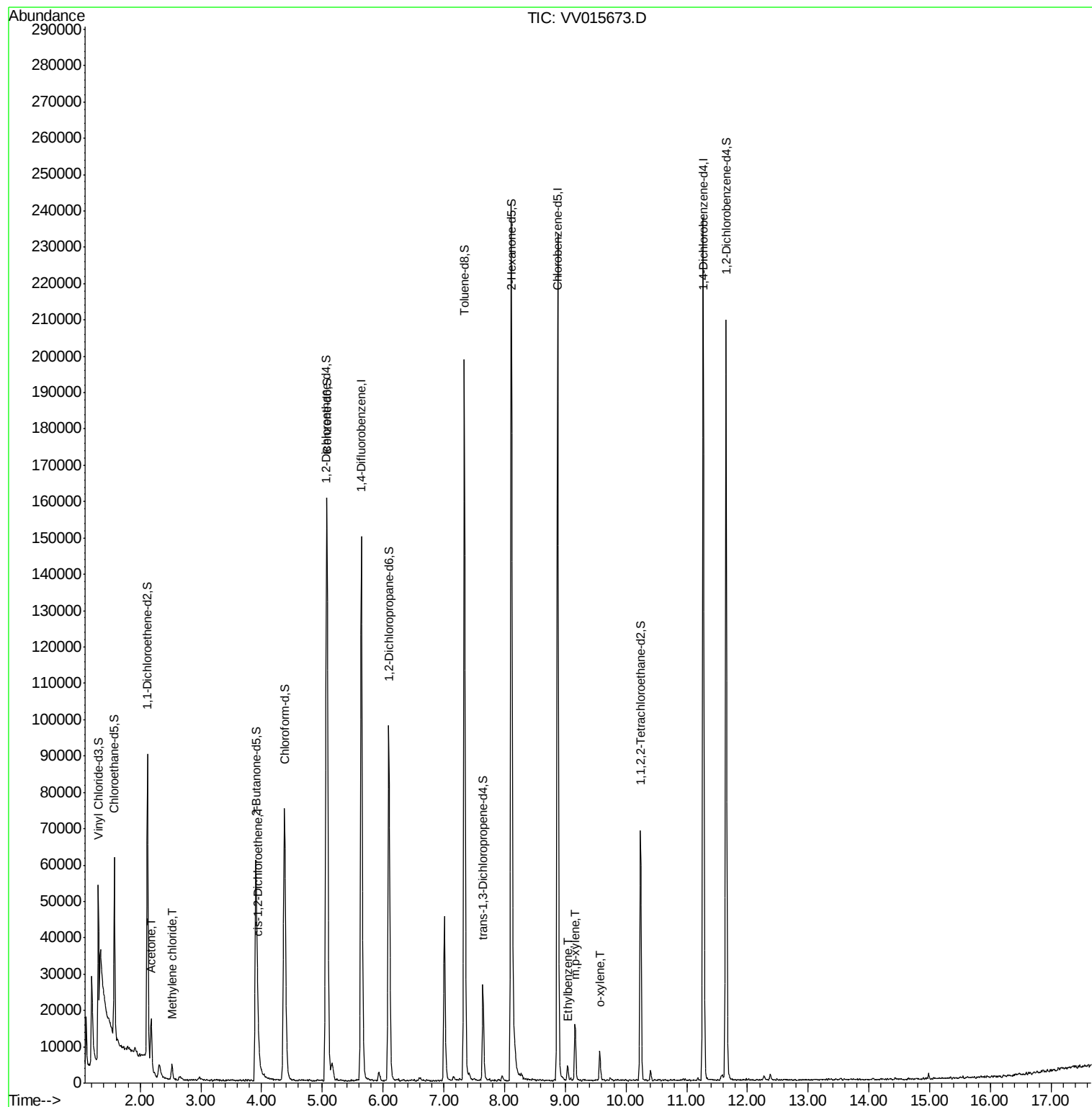
					Ovalue
13) Acetone	2.18	43	13960	9.973 ug/L	99
16) Methylene chloride	2.52	84	1492	0.173 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	1113	0.129 ug/L	89
52) Ethylbenzene	9.04	91	3011	0.074 ug/L	92
53) m,p-xylene	9.16	106	4058	0.273 ug/L	99
54) o-xylene	9.57	106	2022	0.141 ug/L	100

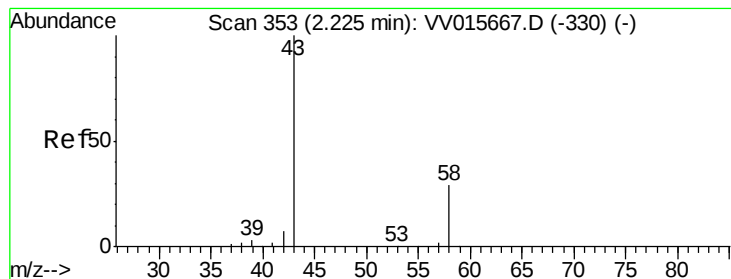
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.973 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

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Acq: 24 Apr 2020 14:58

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MSVOA_V

ClientSampleId :

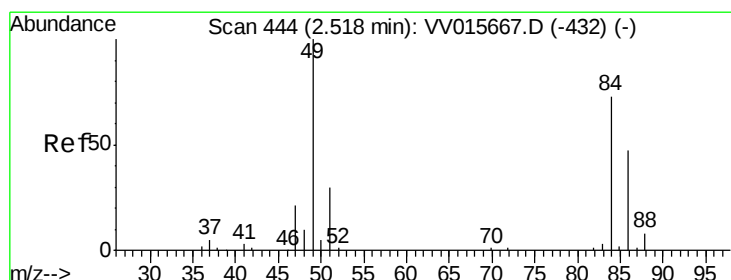
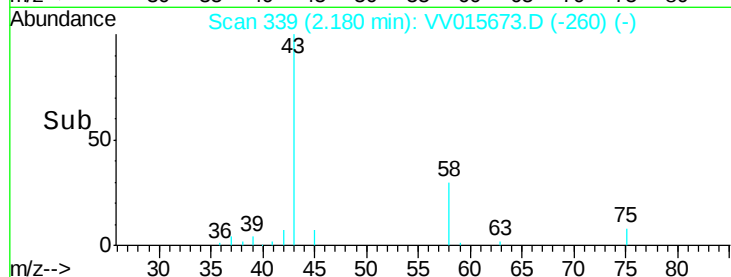
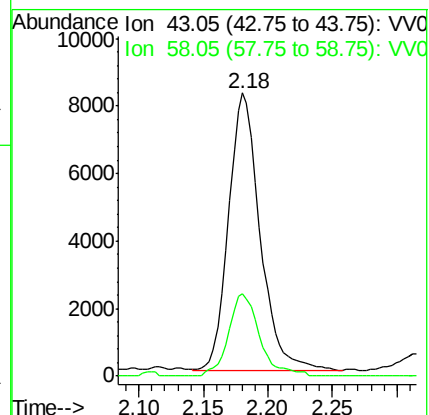
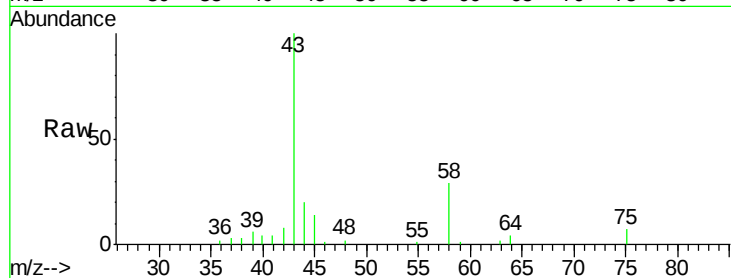
ETKP4

Tot Ion: 43 Resp: 13960

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.6



#16

Methylene chloride

Concen: 0.173 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015673.D

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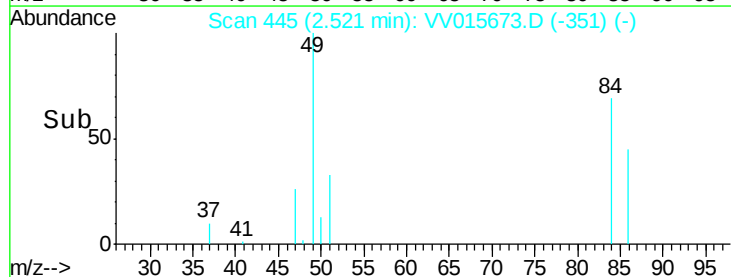
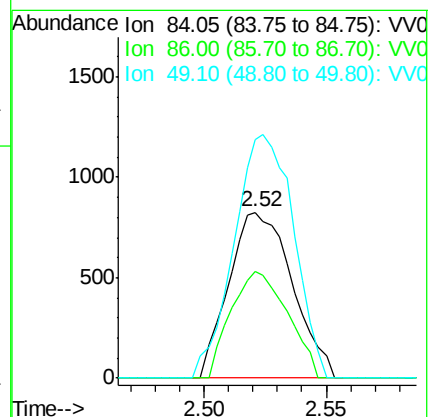
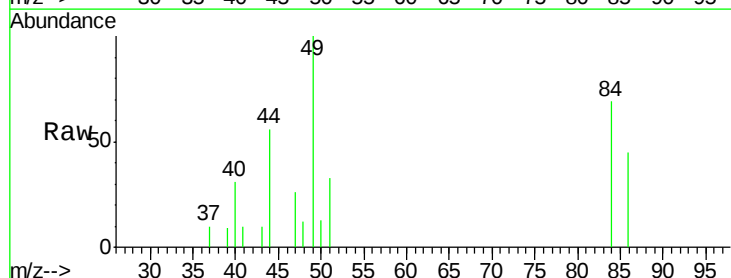
Tgt Ion: 84 Resp: 1492

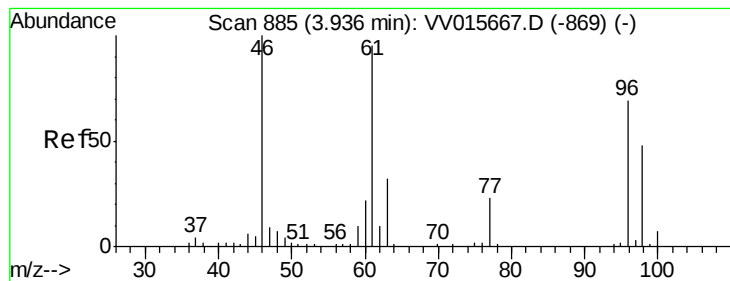
Ion Ratio Lower Upper

84 100

86 64.2 45.1 83.7

49 144.1 94.4 175.4





#22

cis-1,2-Dichloroethene

Concen: 0.129 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015673.D

Acq: 24 Apr 2020 14:58

Instrument :

MSVOA_V

ClientSampleId :

ETKP4

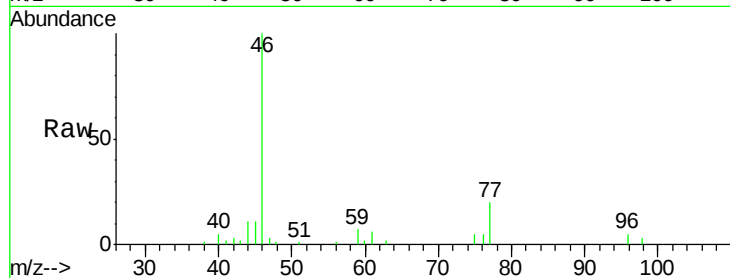
Tot Ion: 96 Resp: 1113

Ion Ratio Lower Upper

96 100

61 124.9 96.4 179.0

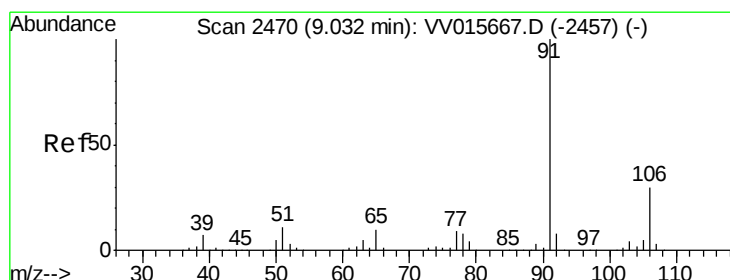
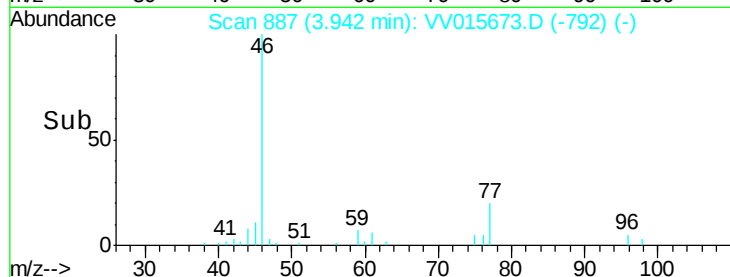
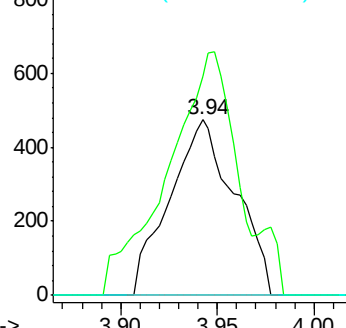
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#52

Ethylbenzene

Concen: 0.074 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015673.D

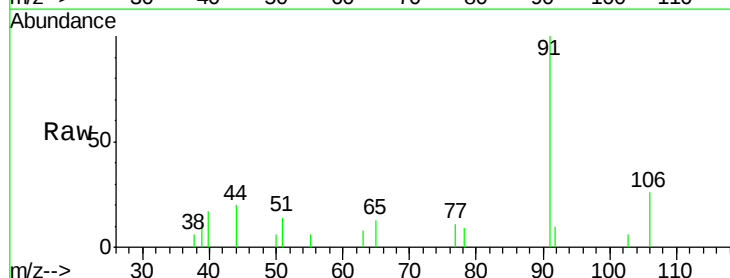
Acq: 24 Apr 2020 14:58

Tgt Ion: 91 Resp: 3011

Ion Ratio Lower Upper

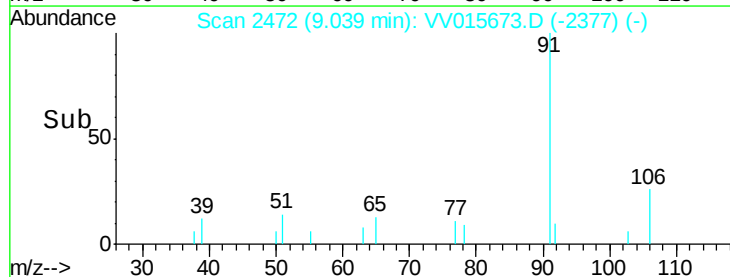
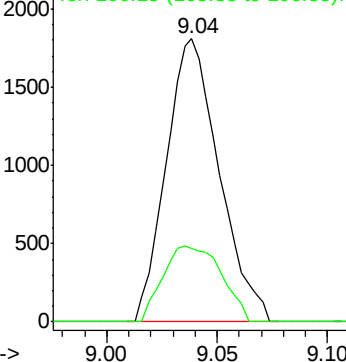
91 100

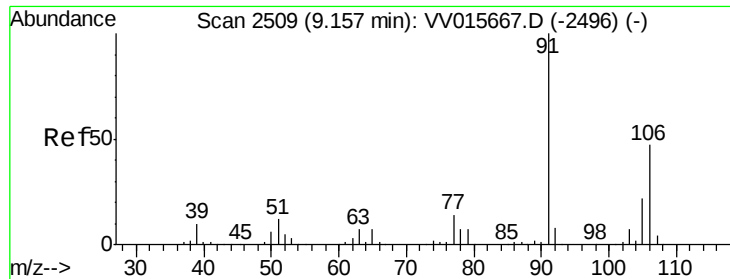
106 25.9 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.273 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015673.D

Acq: 24 Apr 2020 14:58

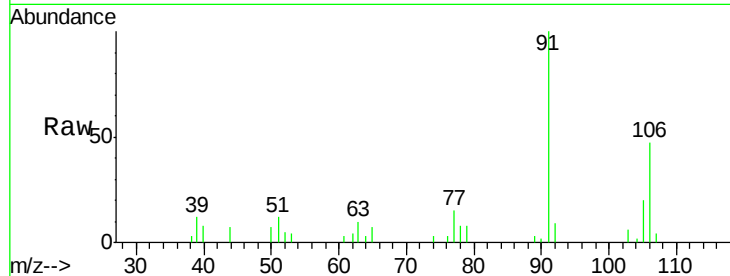
Instrument :
MSVOA_V
ClientSampleId :
ETKP4

Tot Ion:106 Resp: 4058

Ion Ratio Lower Upper

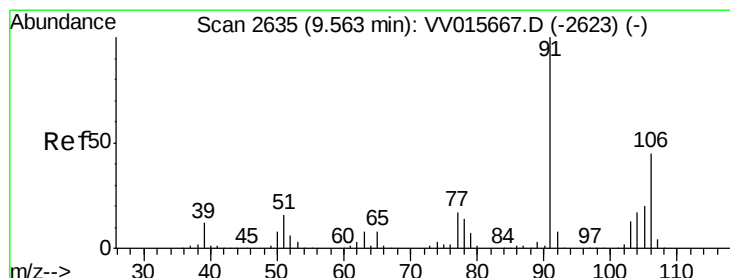
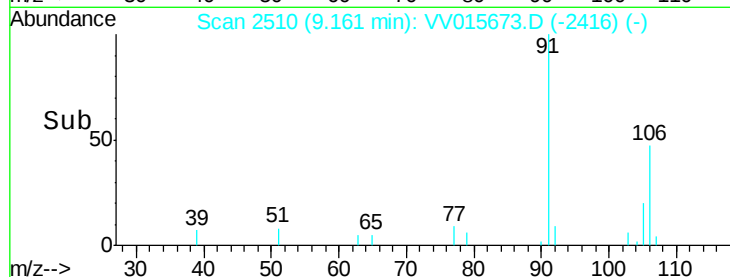
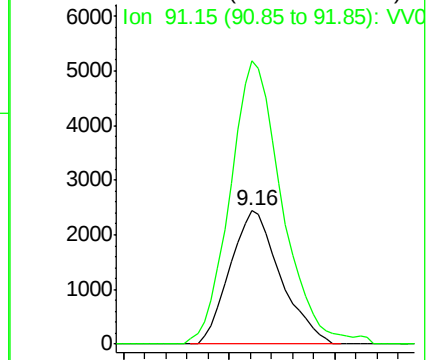
106 100

91 212.0 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.141 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015673.D

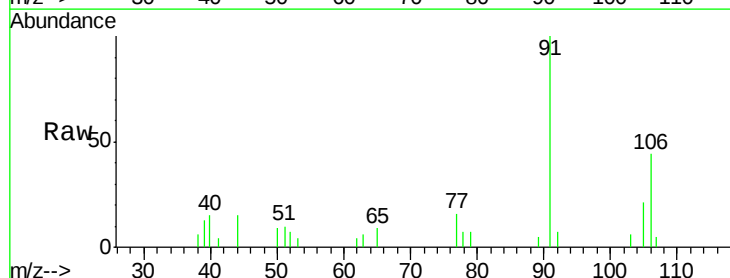
Acq: 24 Apr 2020 14:58

Tgt Ion:106 Resp: 2022

Ion Ratio Lower Upper

106 100

91 228.3 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

