

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015674.D
 Acq On : 24 Apr 2020 15:22
 Operator : SY/MD
 Sample : L2416-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP5

Quant Time: Apr 25 02:36:00 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	125251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26654	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	29342	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	45197	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.91	46	103162	49.08	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.38	84	70820	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	41954	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	133824	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.09	67	42942	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	123198	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.64	79	14482	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.11	63	77038	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30113	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	48201	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

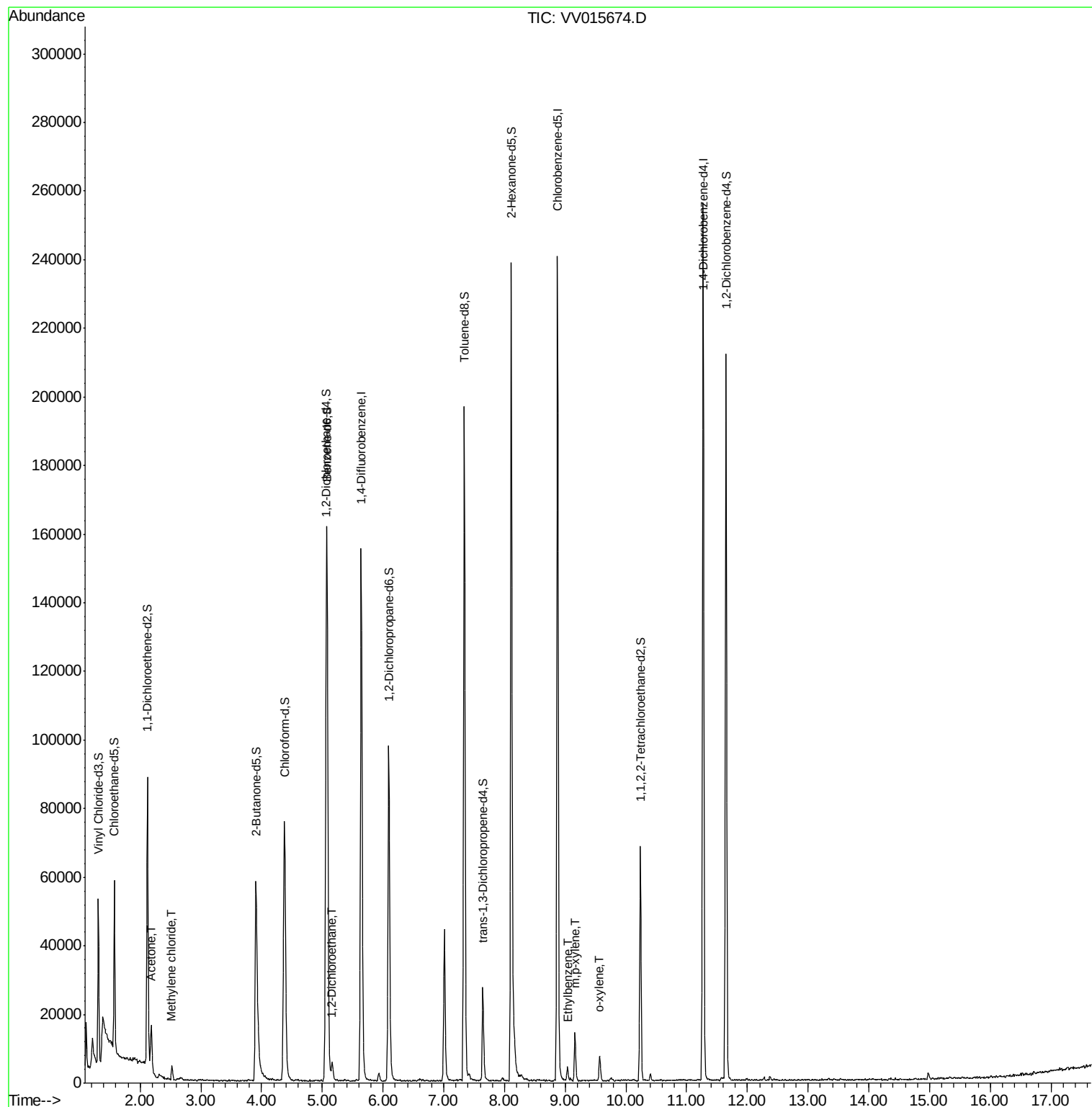
					Ovalue
13) Acetone	2.18	43	13579	9.305	ug/L 99
16) Methylene chloride	2.52	84	1441	0.160	ug/L 94
27) 1,2-Dichloroethane	5.16	62	4283	0.383	ug/L # 95
52) Ethylbenzene	9.04	91	2957	0.070	ug/L 93
53) m,p-xylene	9.16	106	3741	0.242	ug/L 87
54) o-xylene	9.57	106	1845	0.123	ug/L 98

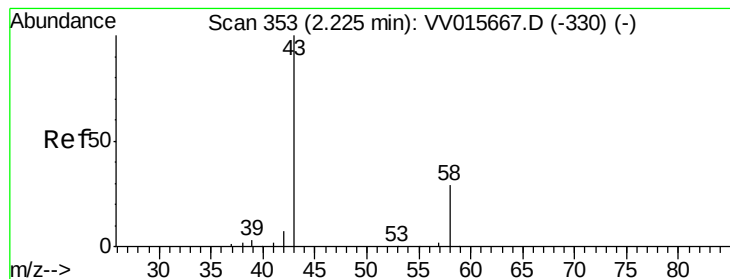
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.305 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015674.D

Acq: 24 Apr 2020 15:22

Instrument :

MSVOA_V

ClientSampleId :

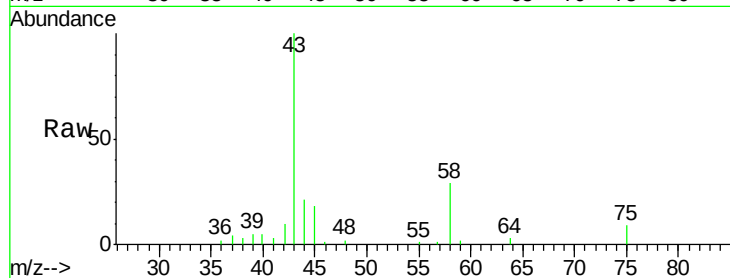
ETKP5

Tot Ion: 43 Resp: 13579

Ion Ratio Lower Upper

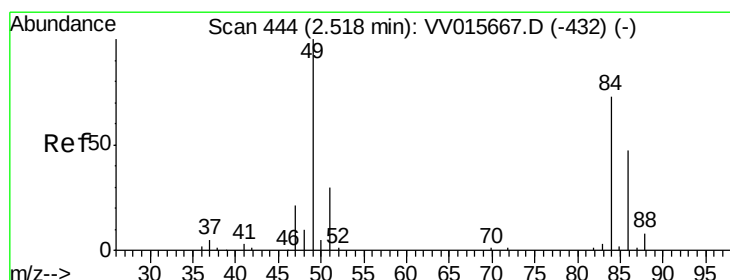
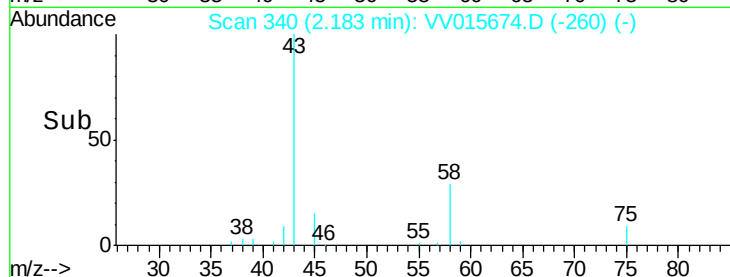
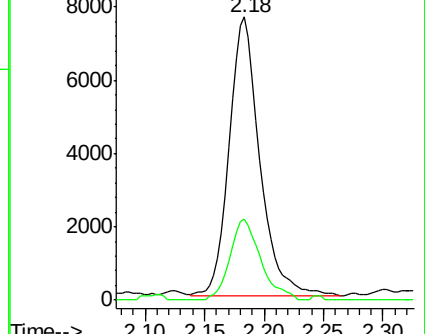
43 100

58 29.2 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.160 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015674.D

Acq: 24 Apr 2020 15:22

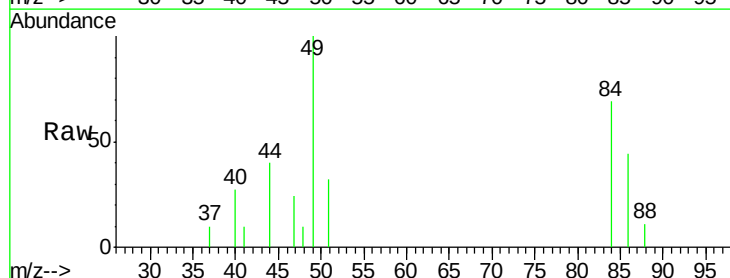
Tgt Ion: 84 Resp: 1441

Ion Ratio Lower Upper

84 100

86 63.6 45.1 83.7

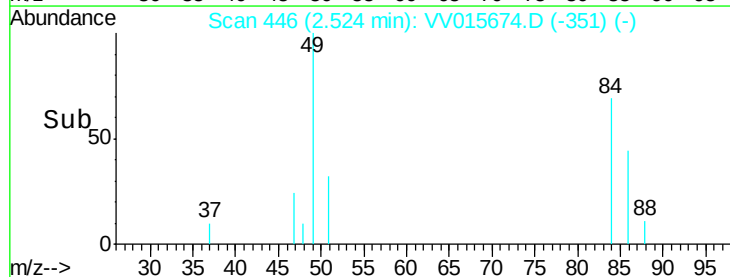
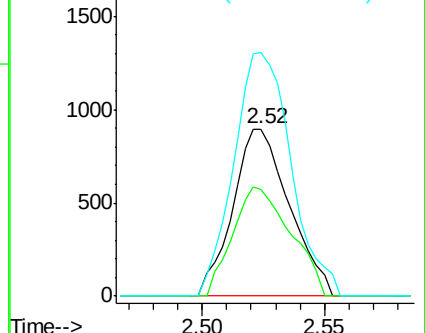
49 145.8 94.4 175.4

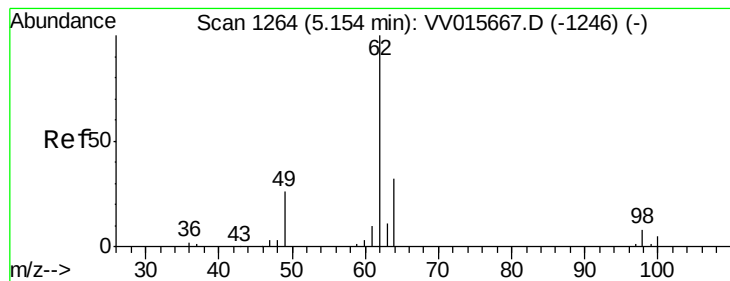


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#27

1,2-Dichloroethane

Concen: 0.383 ug/L

RT: 5.16 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VV015674.D

Acq: 24 Apr 2020 15:22

Instrument :

MSVOA_V

ClientSampleId :

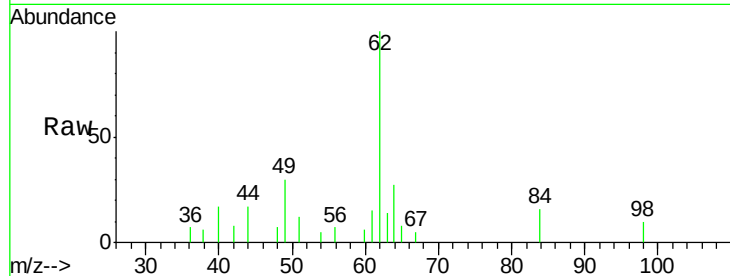
ETKP5

Tot Ion: 62 Resp: 4283

Ion Ratio Lower Upper

62 100

98 9.8 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VV015667.D (-1246) (-)

Ion 98.05 (97.75 to 98.75): VV015667.D (-1246) (-)

5.16

2000

1500

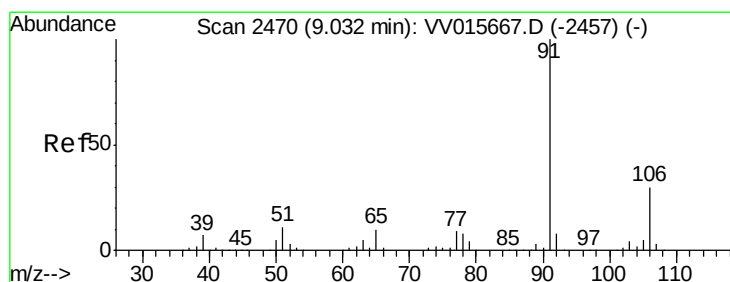
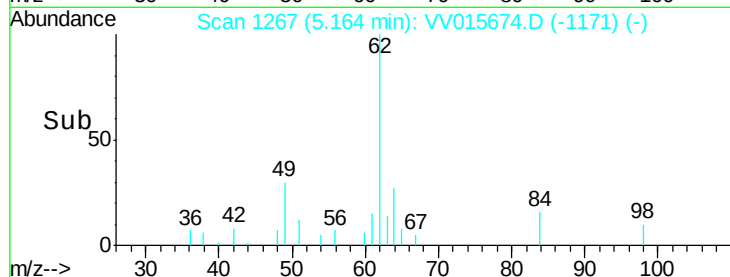
1000

500

0

5.10 5.15 5.20 5.25

Time-->



#52

Ethylbenzene

Concen: 0.070 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015674.D

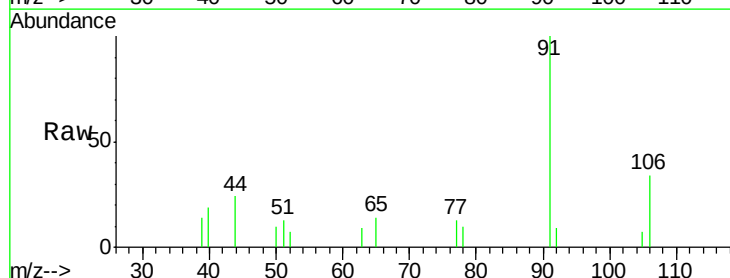
Acq: 24 Apr 2020 15:22

Tgt Ion: 91 Resp: 2957

Ion Ratio Lower Upper

91 100

106 34.5 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015667.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV015667.D (-2457) (-)

9.04

2000

1500

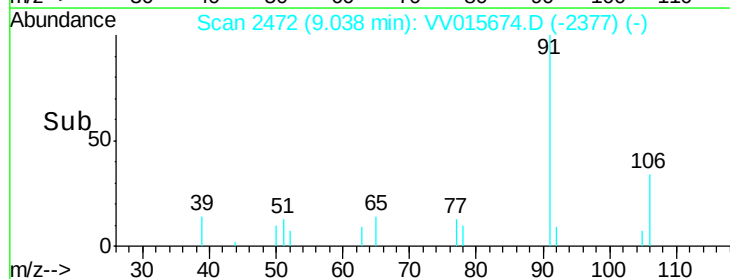
1000

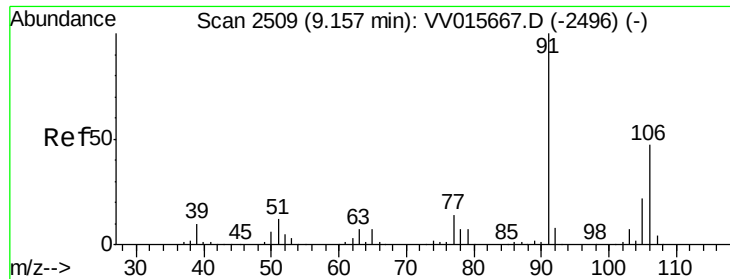
500

0

9.00 9.05 9.10

Time-->





#53

m,p-xylene

Concen: 0.242 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015674.D

Acq: 24 Apr 2020 15:22

Instrument :

MSVOA_V

ClientSampleId :

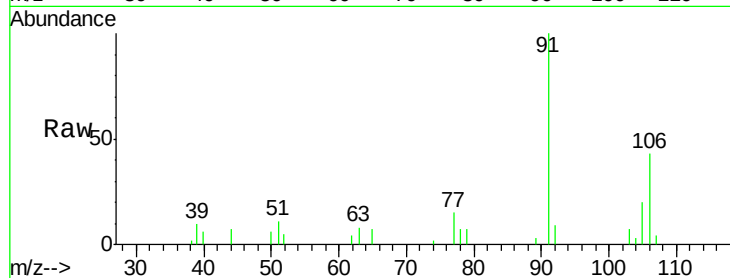
ETKP5

Tot Ion:106 Resp: 3741

Ion Ratio Lower Upper

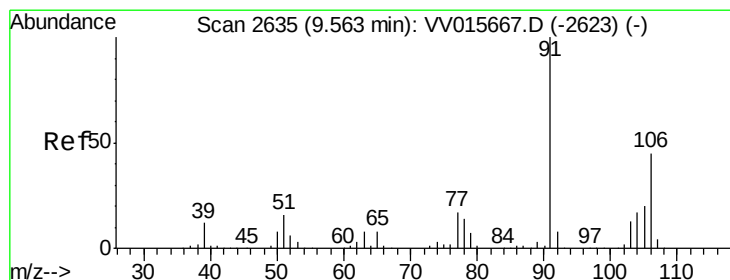
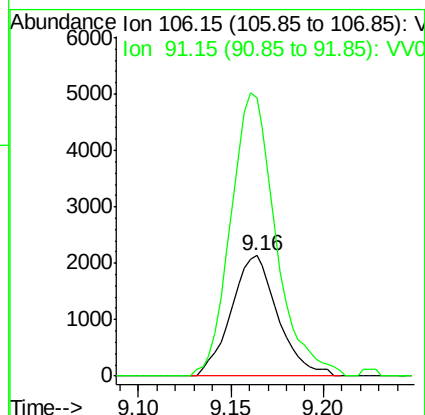
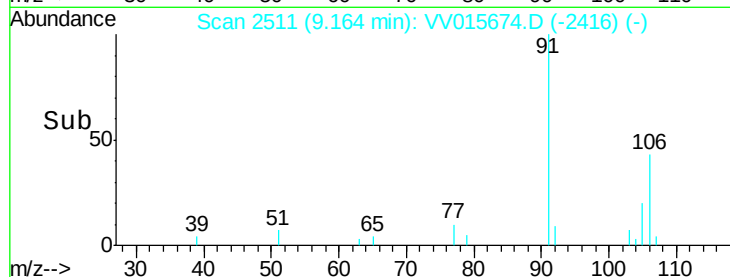
106 100

91 231.3 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.123 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015674.D

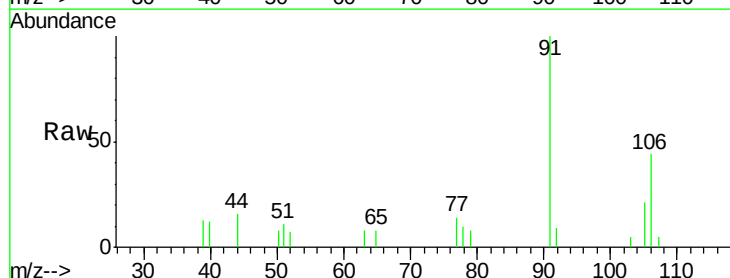
Acq: 24 Apr 2020 15:22

Tgt Ion:106 Resp: 1845

Ion Ratio Lower Upper

106 100

91 225.8 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

