

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015647.D
 Acq On : 23 Apr 2020 01:28
 Operator : SY/MD
 Sample : L2370-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKK7

Quant Time: Apr 23 06:10:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30368	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	30461	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	49238	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.91	46	96896	45.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	4.38	84	71641	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	41422	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.08	84	136638	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	43241	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	124608	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.65	79	11582	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.11	63	71819	41.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29940	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	46513	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

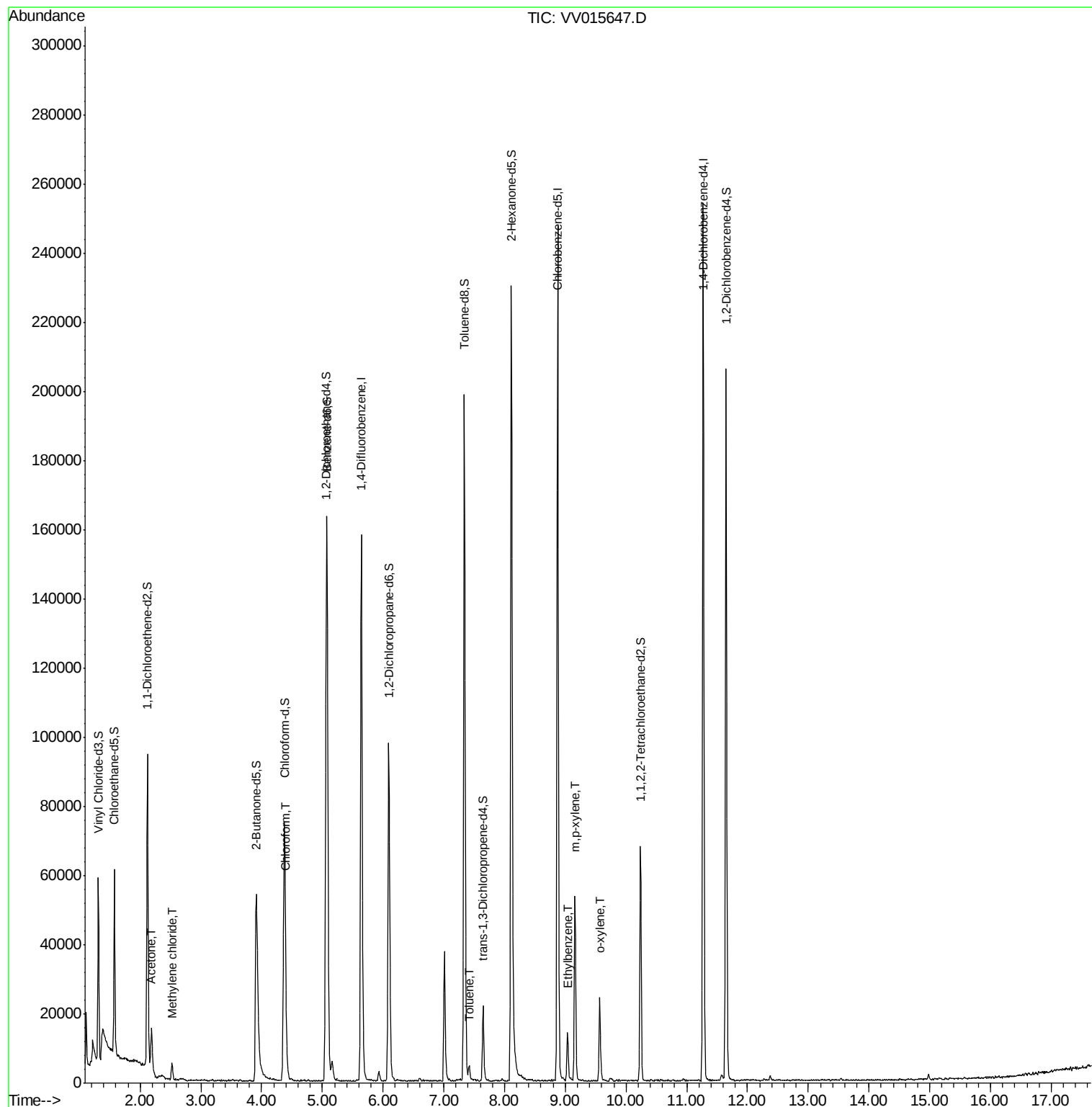
					Ovalue
13) Acetone	2.19	43	13844	9.316	ug/L 95
16) Methylene chloride	2.52	84	1876	0.205	ug/L 96
25) Chloroform	4.40	83	2640	0.152	ug/L 91
42) Toluene	7.41	91	2915	0.079	ug/L 91
52) Ethylbenzene	9.04	91	9968	0.234	ug/L 97
53) m,p-xylene	9.16	106	14399	0.922	ug/L 97
54) o-xylene	9.57	106	5758	0.381	ug/L 91

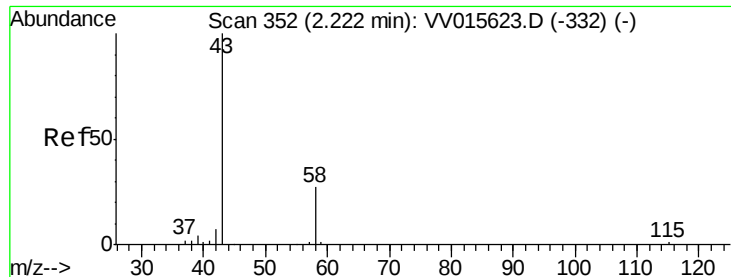
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.316 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015647.D

Acq: 23 Apr 2020 01:28

Instrument :

MSVOA_V

ClientSampled :

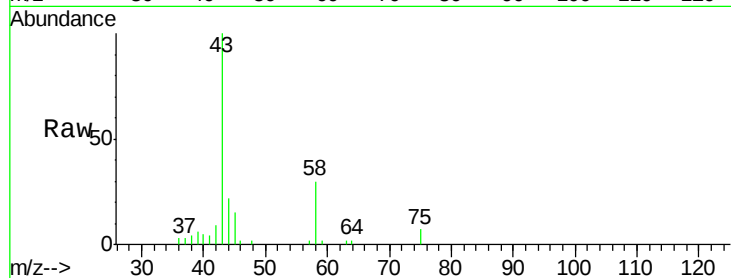
ETKK7

Tot Ion: 43 Resp: 13844

Ion Ratio Lower Upper

43 100

58 31.4 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015623.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015623.D (-332) (-)

2.19

8000

6000

4000

2000

0

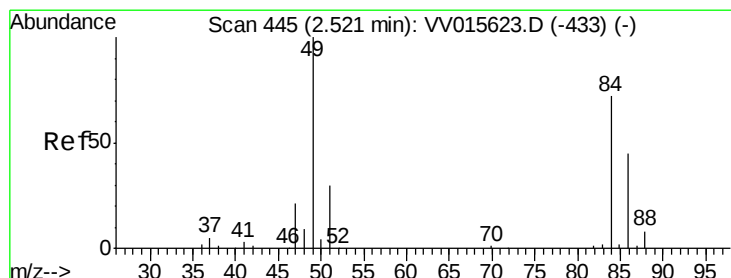
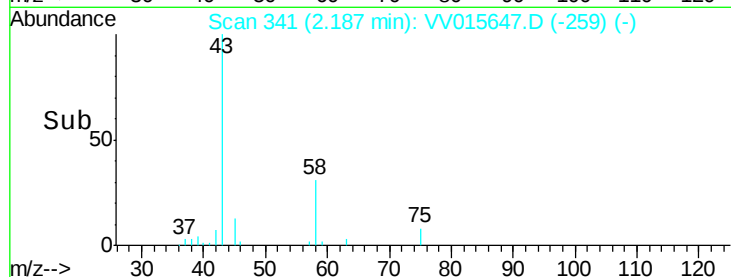
Time-->

2.10

2.15

2.20

2.25



#16

Methylene chloride

Concen: 0.205 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015647.D

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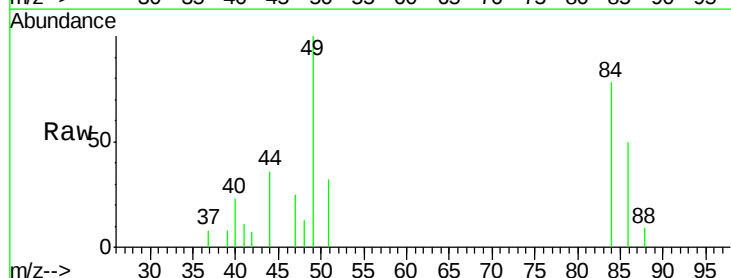
Tgt Ion: 84 Resp: 1876

Ion Ratio Lower Upper

84 100

86 64.1 45.1 83.7

49 127.7 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV015623.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV015623.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV015623.D (-433) (-)

2000

1500

1000

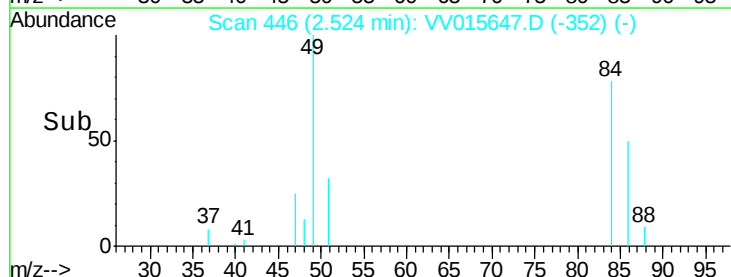
500

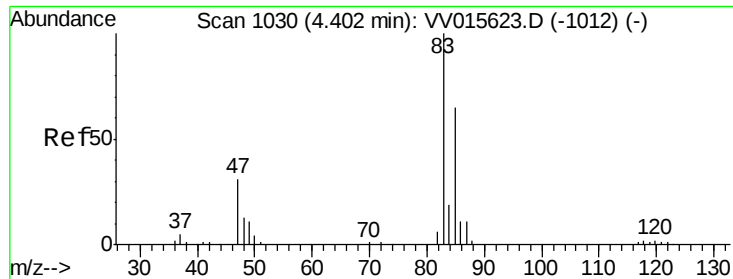
0

Time-->

2.50

2.55

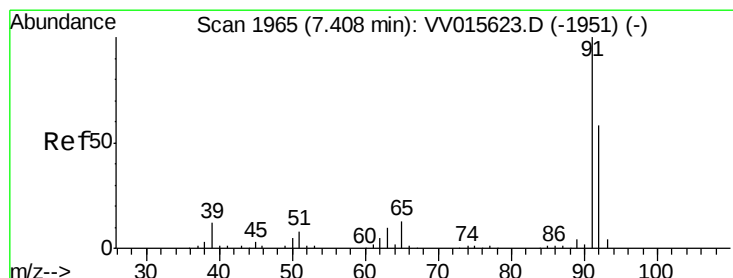
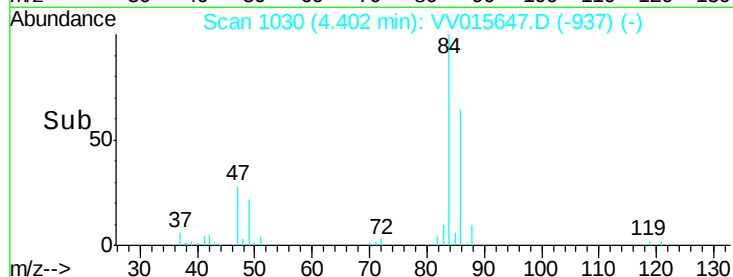
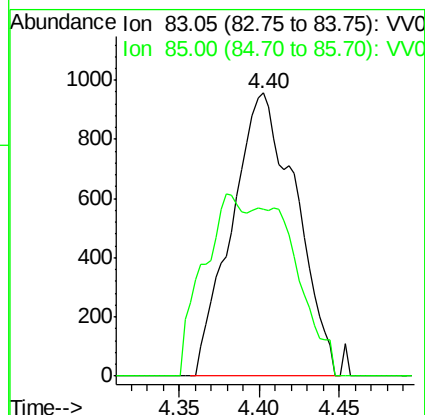
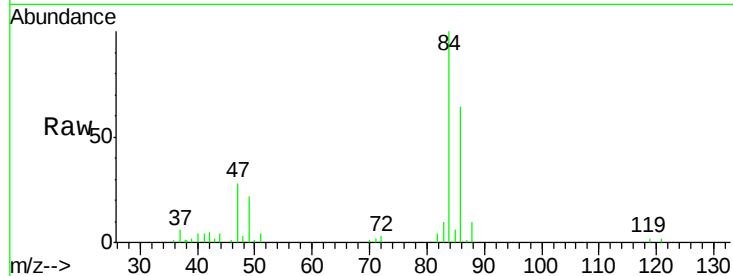




#25
Chloroform
Concen: 0.152 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015647.D
Acq: 23 Apr 2020 01:28

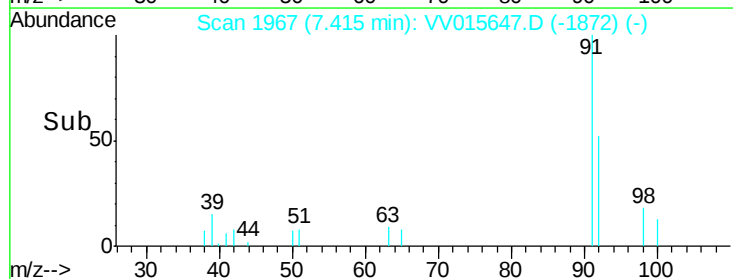
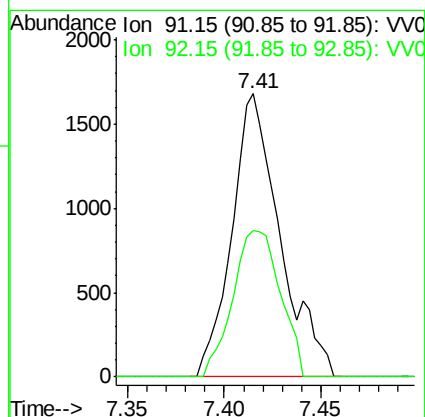
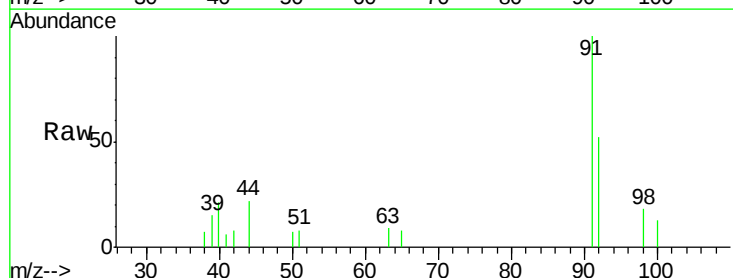
Instrument :
MSVOA_V
ClientSampled :
ETKK7

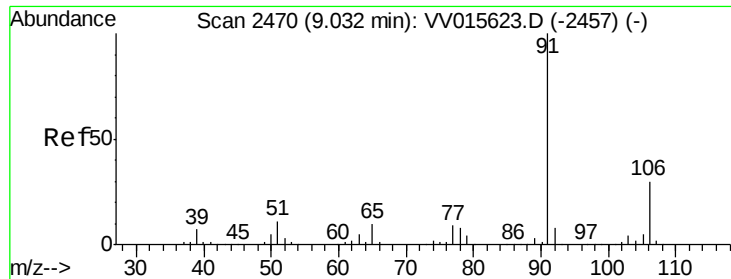
Tot Ion: 83 Resp: 2640
Ion Ratio Lower Upper
83 100
85 59.0 46.1 85.5



#42
Toluene
Concen: 0.079 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015647.D
Acq: 23 Apr 2020 01:28

Tgt Ion: 91 Resp: 2915
Ion Ratio Lower Upper
91 100
92 51.5 40.7 75.7





#52

Ethylbenzene

Concen: 0.234 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015647.D

Acq: 23 Apr 2020 01:28

Instrument :

MSVOA_V

ClientSampleId :

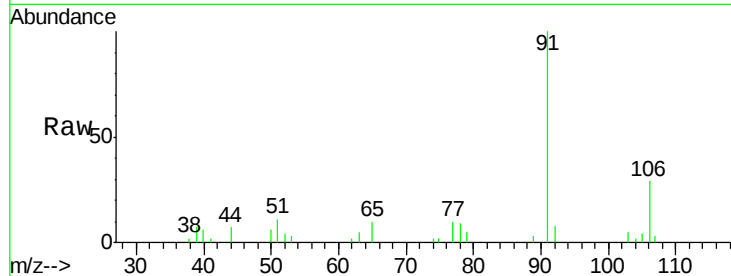
ETKK7

Tot Ion: 91 Resp: 9968

Ion Ratio Lower Upper

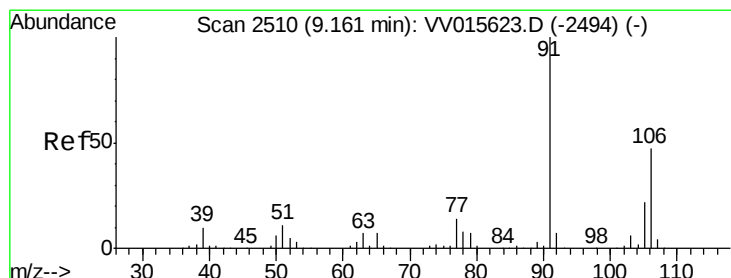
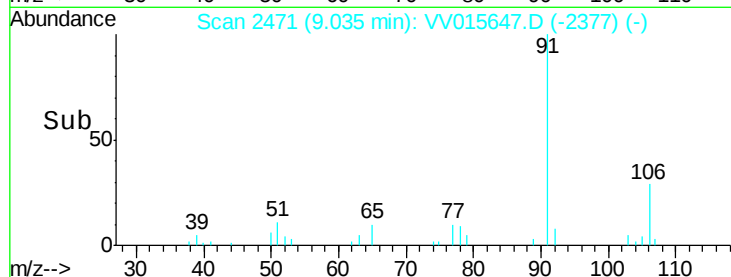
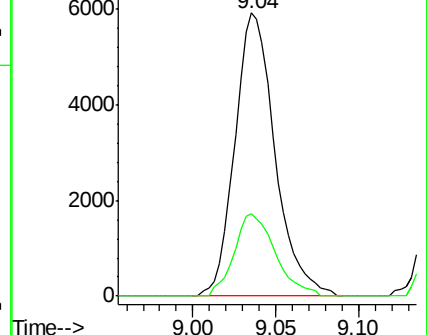
91 100

106 28.9 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015623.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV015623.D (-2457) (-)



#53

m,p-xylene

Concen: 0.922 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015647.D

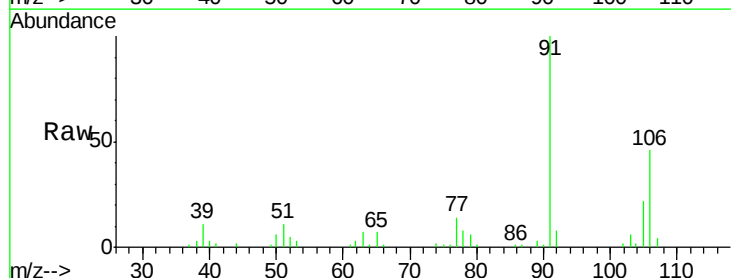
Acq: 23 Apr 2020 01:28

Tgt Ion: 106 Resp: 14399

Ion Ratio Lower Upper

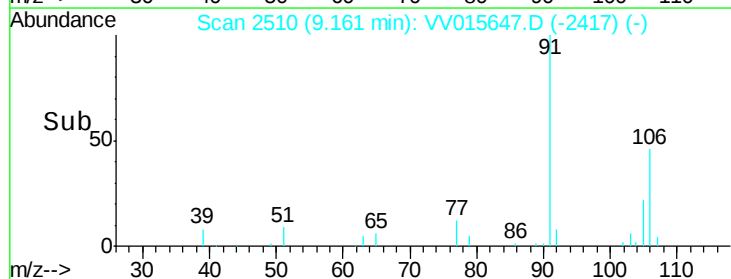
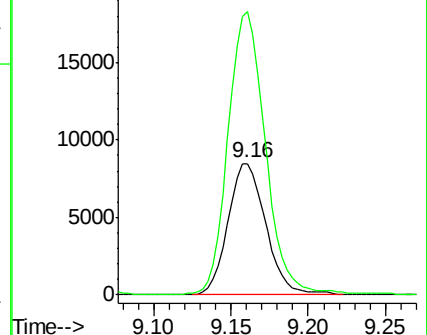
106 100

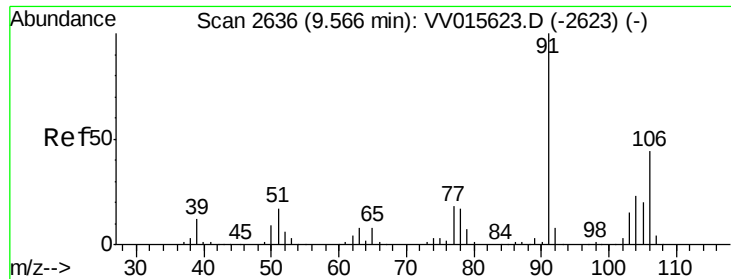
91 215.6 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015623.D (-2494) (-)

Ion 91.15 (90.85 to 91.85): VV015623.D (-2494) (-)





#54
 o-xylene
 Concen: 0.381 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV015647.D
 Acq: 23 Apr 2020 01:28

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKK7

Tot Ion:106 Resp: 5758
 Ion Ratio Lower Upper
 106 100
 91 213.7 159.8 296.8

