

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015820.D
 Acq On : 30 Apr 2020 04:03
 Operator : SY/MD
 Sample : L2431-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS3

Quant Time: Apr 30 08:36:25 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	124960	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37282	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.58	69	32709	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	53588	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.90	46	90399	43.11	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.22%
24) Chloroform-d	4.38	84	67457	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	38927	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.08	84	138864	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.09	67	43896	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	124067	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.65	79	13241	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.11	63	69918	41.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29284	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	45513	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

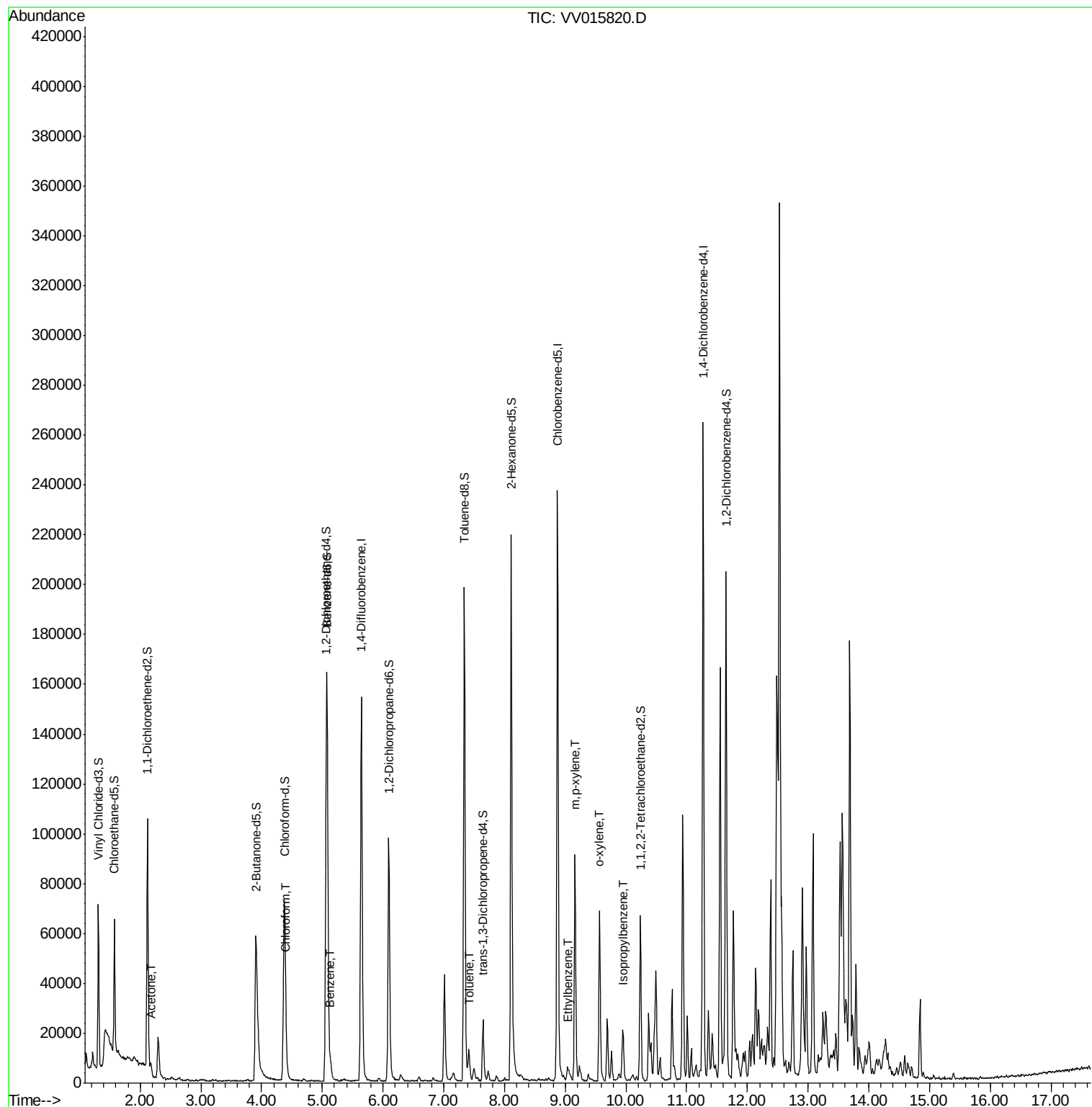
					Ovalue
13) Acetone	2.18	43	2422	1.663 ug/L	98
25) Chloroform	4.41	83	3391	0.200 ug/L	93
33) Benzene	5.13	78	7041	0.209 ug/L	100
42) Toluene	7.41	91	7723	0.214 ug/L	86
52) Ethylbenzene	9.04	91	3869	0.093 ug/L	97
53) m,p-xylene	9.16	106	23570	1.542 ug/L	99
54) o-xylene	9.57	106	16364	1.106 ug/L	92
56) Isopropylbenzene	9.95	105	8622	0.208 ug/L	97

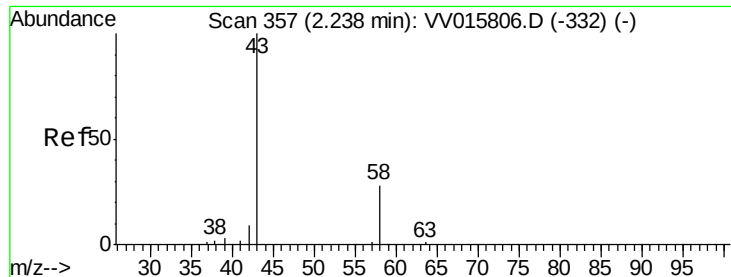
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.663 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015820.D

Acq: 30 Apr 2020 04:03

Instrument :

MSVOA_V

ClientSampled :

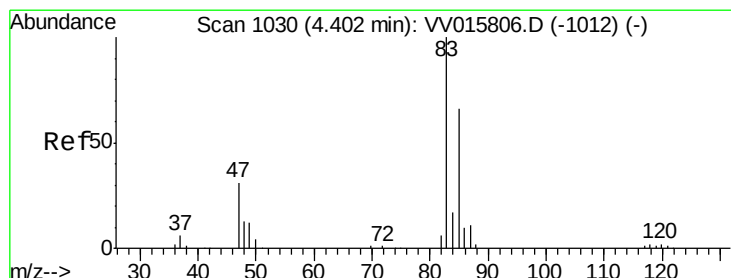
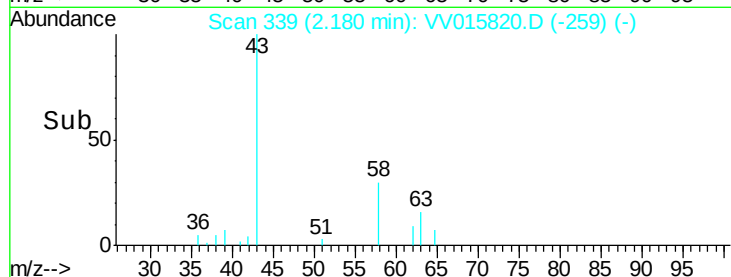
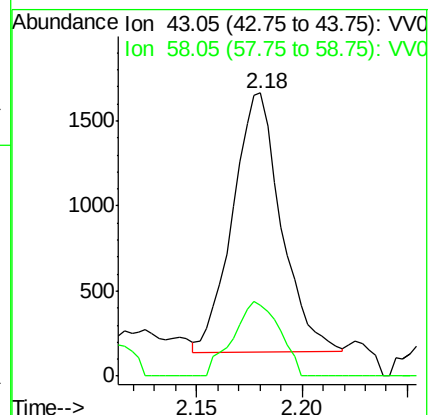
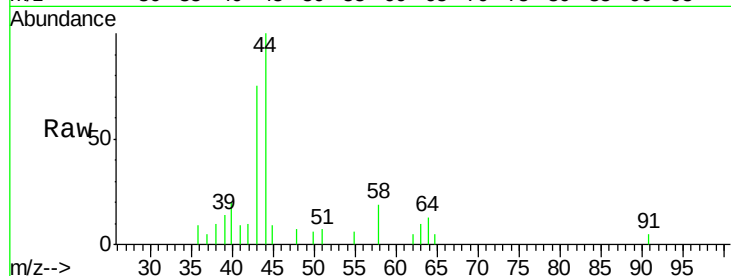
ETKS3

Tot Ion: 43 Resp: 2422

Ion Ratio Lower Upper

43 100

58 27.7 0.0 57.6



#25

Chloroform

Concen: 0.200 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015820.D

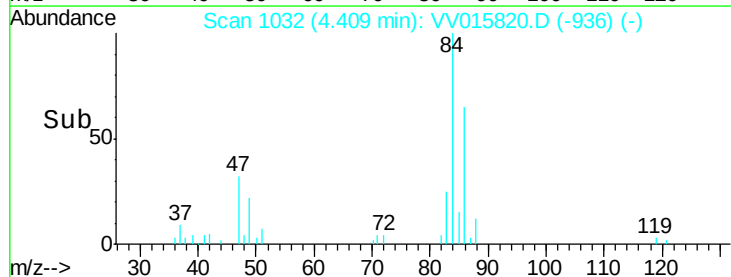
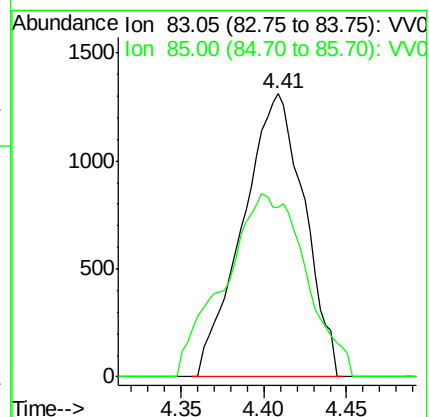
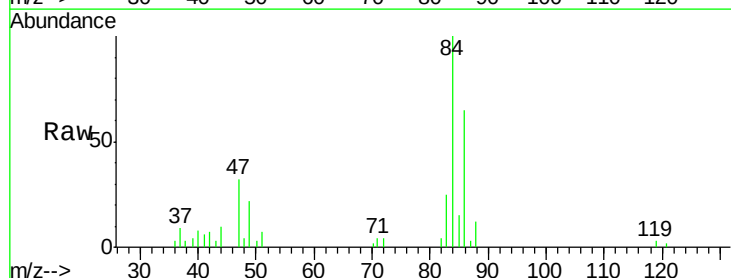
Acq: 30 Apr 2020 04:03

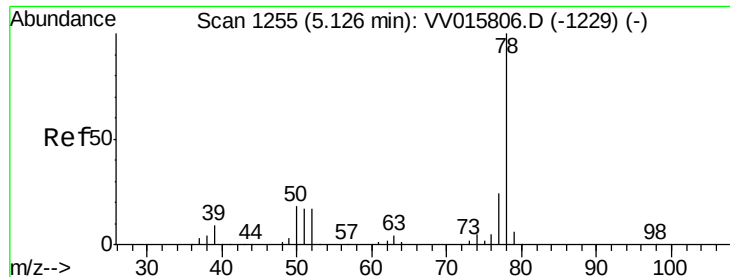
Tgt Ion: 83 Resp: 3391

Ion Ratio Lower Upper

83 100

85 60.0 46.1 85.5





#33

Benzene

Concen: 0.209 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015820.D

Acq: 30 Apr 2020 04:03

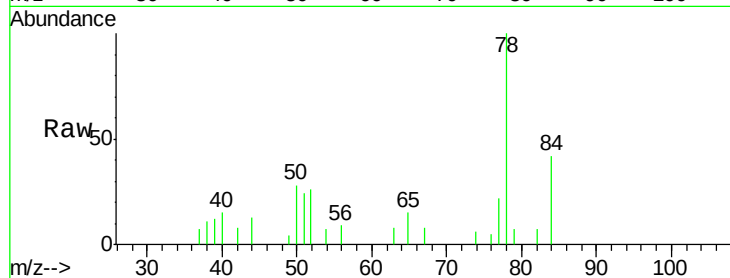
Instrument :

MSVOA_V

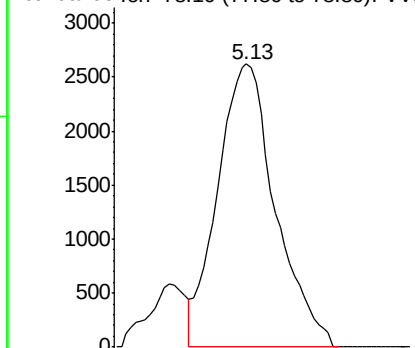
ClientSampleId :

ETKS3

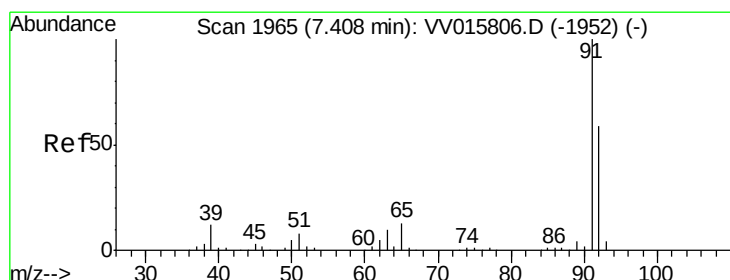
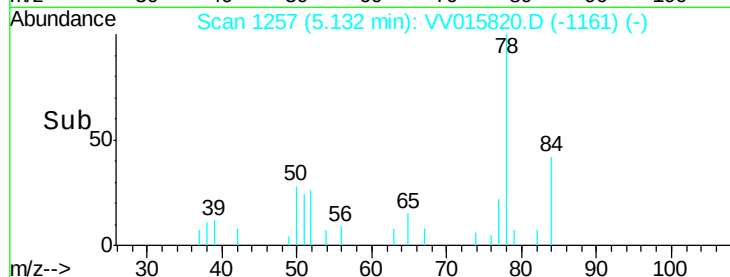
Tgt Ion: 78 Resp: 7041



Abundance Ion 78.10 (77.80 to 78.80): VV0



Time--> 5.05 5.10 5.15 5.20



#42

Toluene

Concen: 0.214 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015820.D

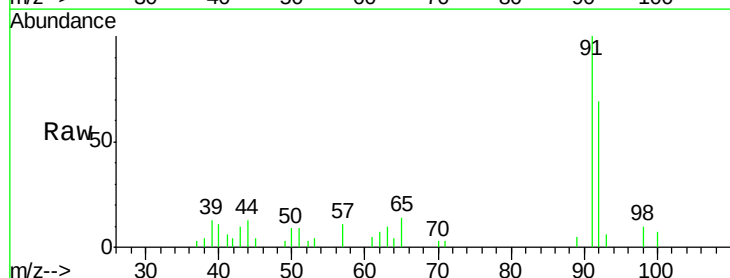
Acq: 30 Apr 2020 04:03

Tgt Ion: 91 Resp: 7723

Ion Ratio Lower Upper

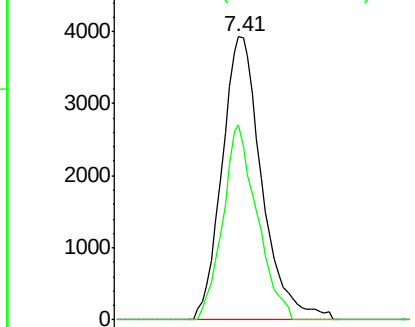
91 100

92 68.8 40.7 75.7

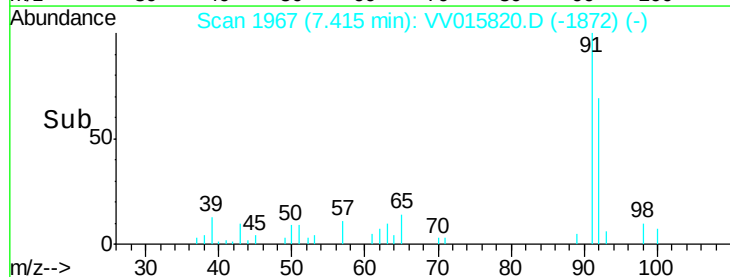


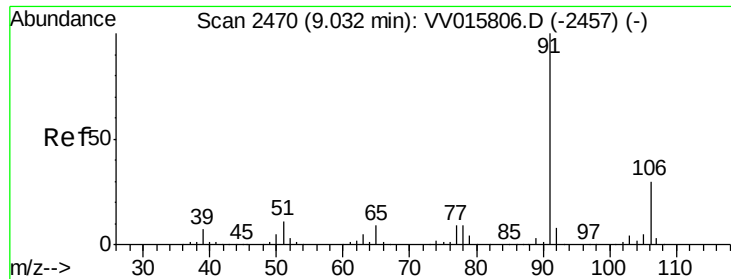
Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



Time--> 7.35 7.40 7.45 7.50





#52

Ethylbenzene

Concen: 0.093 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015820.D

Acq: 30 Apr 2020 04:03

Instrument :

MSVOA_V

ClientSampleId :

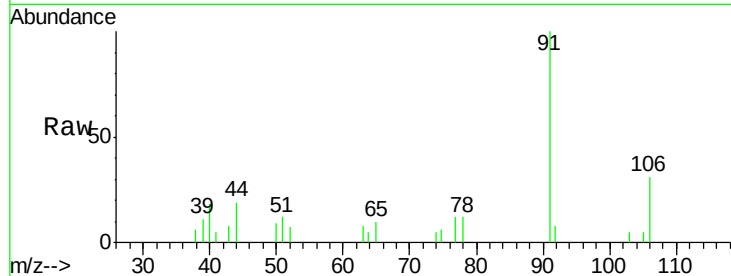
ETKS3

Tot Ion: 91 Resp: 3869

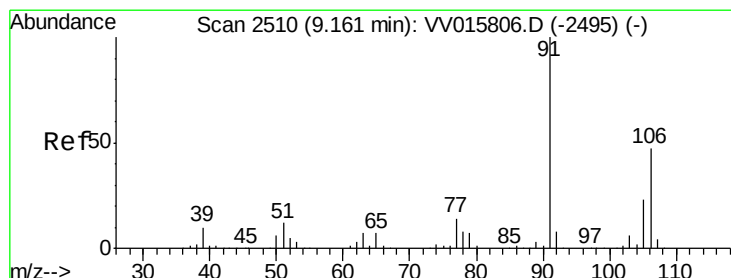
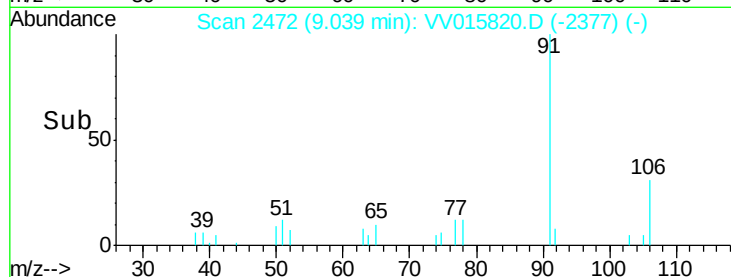
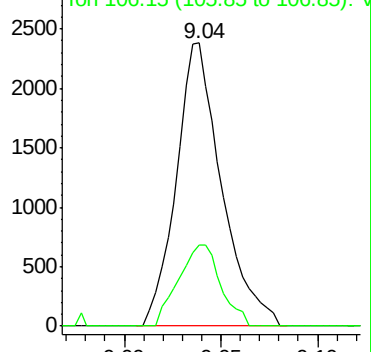
Ion Ratio Lower Upper

91 100

106 28.6 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015820.D (-2457) (-)



#53

m,p-xylene

Concen: 1.542 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015820.D

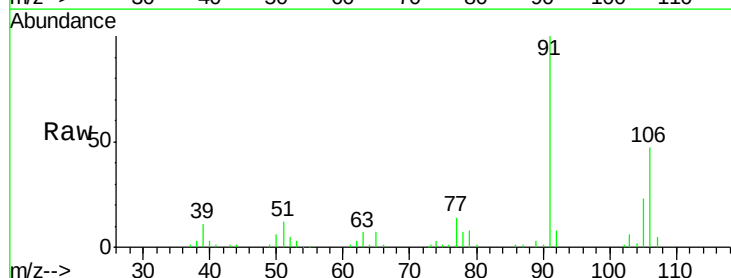
Acq: 30 Apr 2020 04:03

Tgt Ion: 106 Resp: 23570

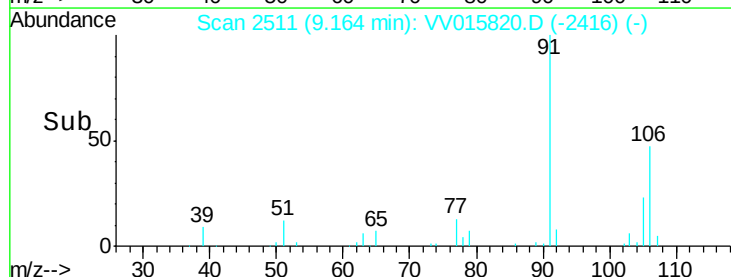
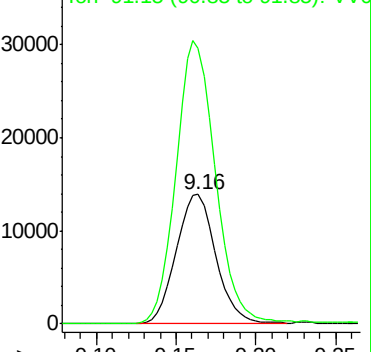
Ion Ratio Lower Upper

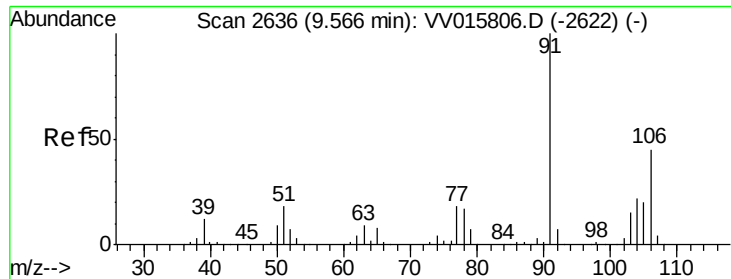
106 100

91 212.5 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015820.D (-2495) (-)

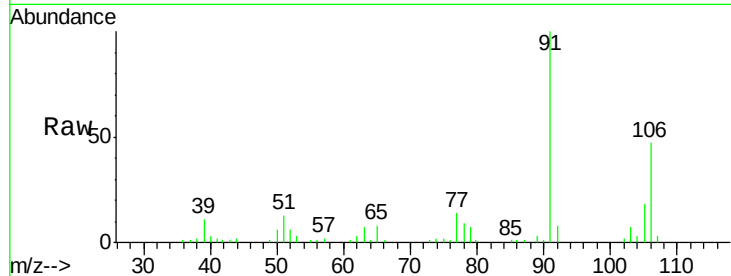




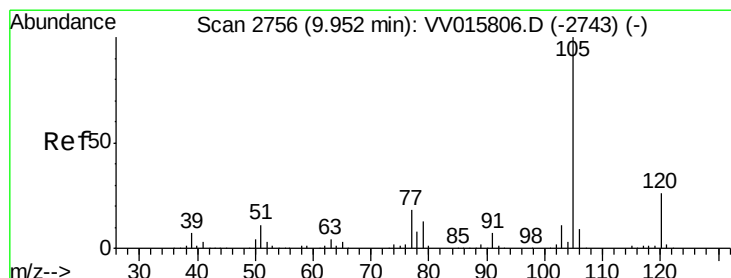
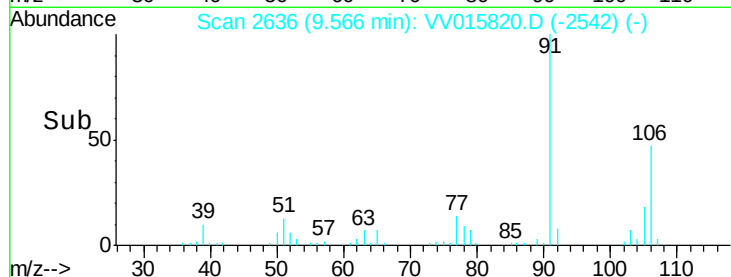
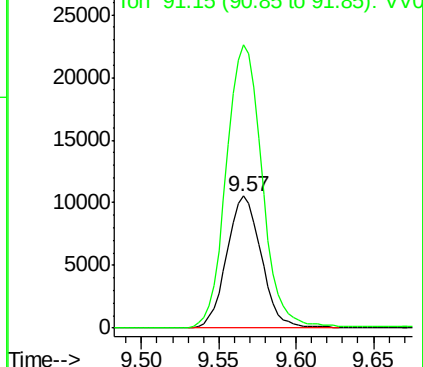
#54
o-xylene
Concen: 1.106 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015820.D
Acq: 30 Apr 2020 04:03

Instrument :
MSVOA_V
ClientSampleId :
ETKS3

Tot Ion:106 Resp: 16364
Ion Ratio Lower Upper
106 100
91 214.7 159.8 296.8

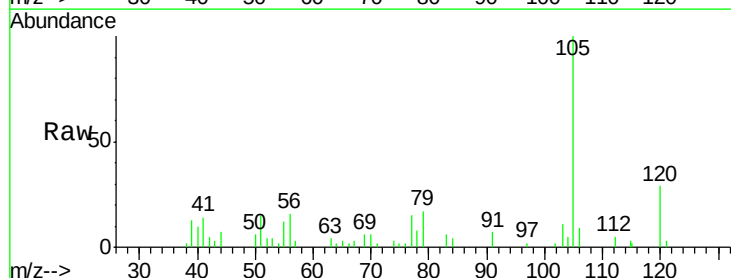


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#56
Isopropylbenzene
Concen: 0.208 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV015820.D
Acq: 30 Apr 2020 04:03

Tgt Ion:105 Resp: 8622
Ion Ratio Lower Upper
105 100
120 27.8 20.7 31.1
77 16.6 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

