

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015873.D
 Acq On : 01 May 2020 21:08
 Operator : SY/MD
 Sample : L2432-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKT4

Quant Time: May 02 06:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32525	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	30326	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	47023	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.95	46	104029	45.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	4.38	84	68766	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.06	65	39114	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.08	84	134044	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	44452	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.34	98	120513	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.65	79	13746	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.11	63	83603	45.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31335	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	47826	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

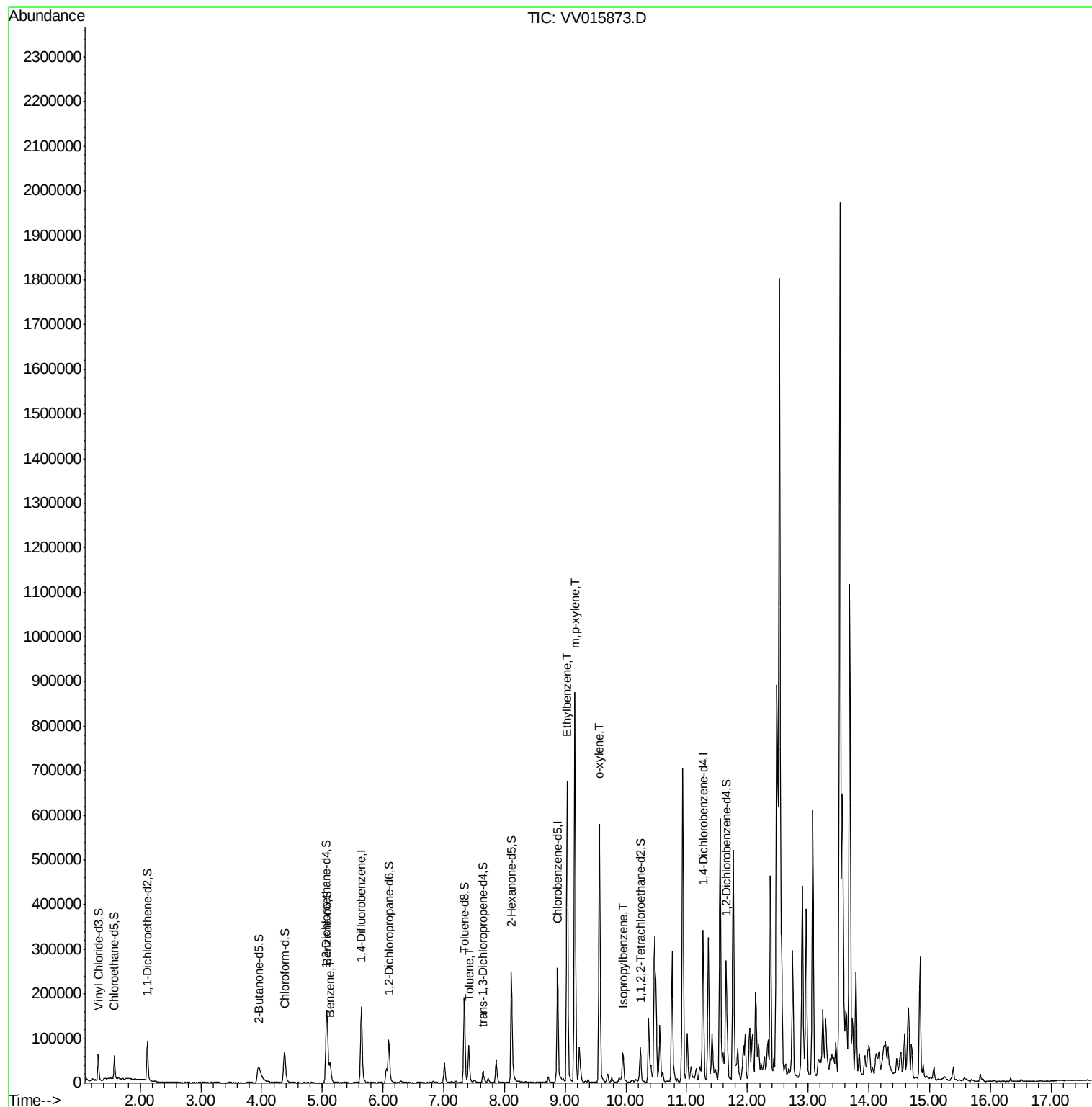
					Ovalue
33) Benzene	5.13	78	43282	1.174	ug/L 100
42) Toluene	7.41	91	57903	1.470	ug/L 99
52) Ethylbenzene	9.03	91	449058	9.853	ug/L 99
53) m,p-xylene	9.16	106	225546	13.512	ug/L 99
54) o-xylene	9.57	106	142122	8.799	ug/L 94
56) Isopropylbenzene	9.95	105	31193	0.688	ug/L 98

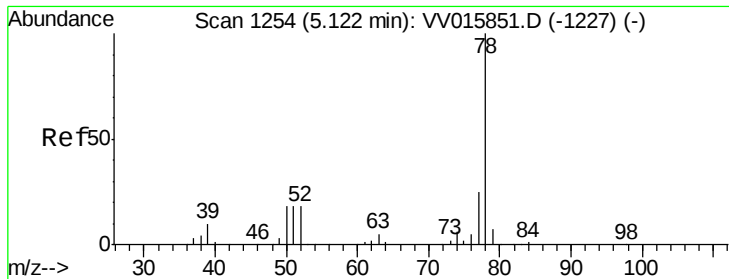
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#33

Benzene

Concen: 1.174 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015873.D

Acq: 01 May 2020 21:08

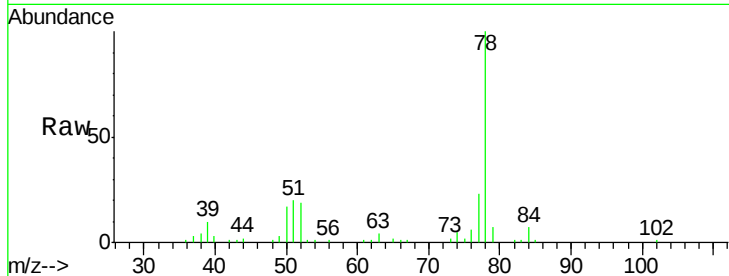
Instrument :

MSVOA_V

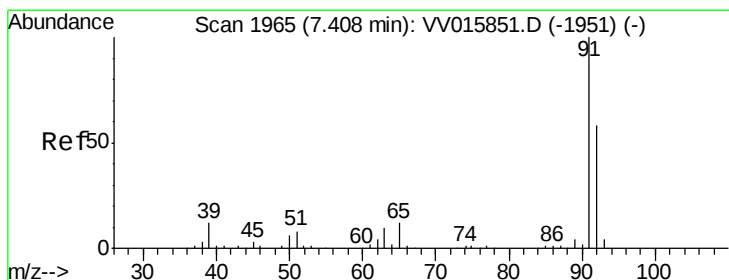
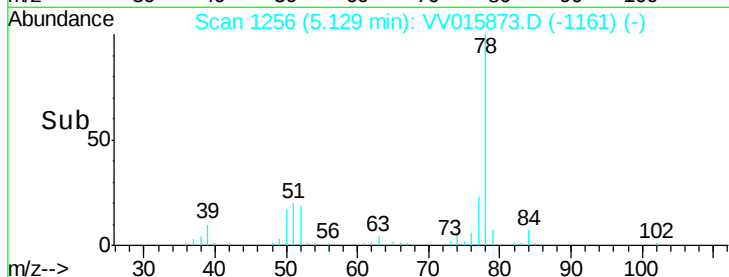
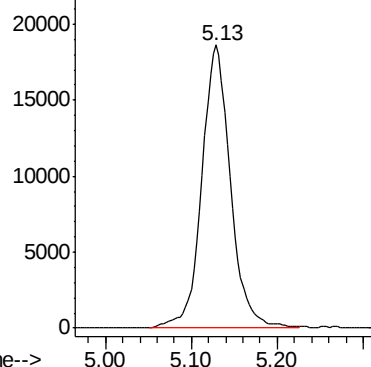
ClientSampleId :

ETKT4

Tgt Ion: 78 Resp: 43282



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 1.470 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015873.D

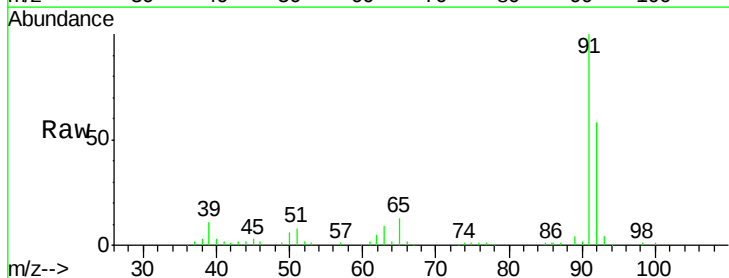
Acq: 01 May 2020 21:08

Tgt Ion: 91 Resp: 57903

Ion Ratio Lower Upper

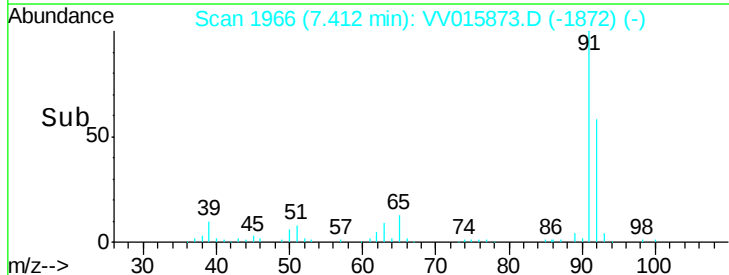
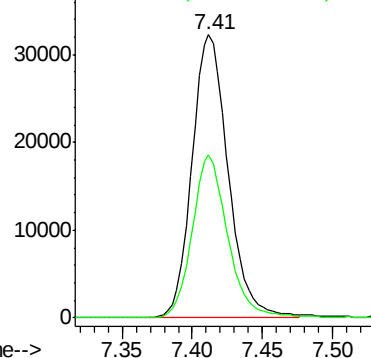
91 100

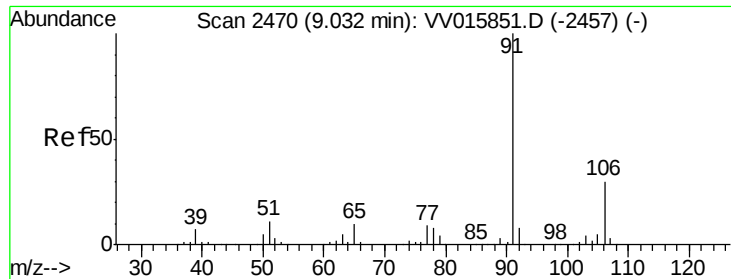
92 57.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 9.853 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015873.D

Acq: 01 May 2020 21:08

Instrument :

MSVOA_V

ClientSampleId :

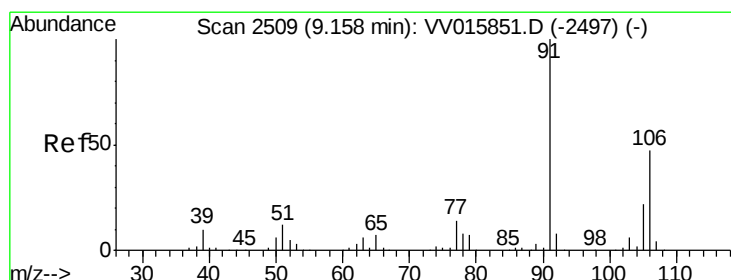
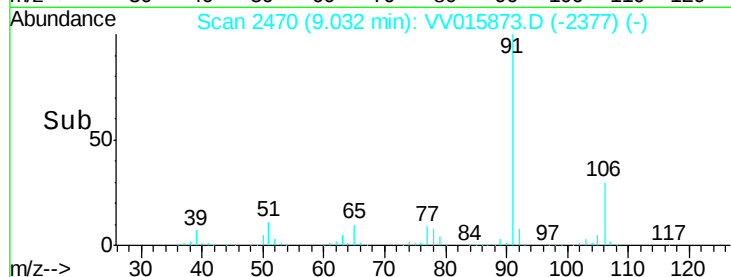
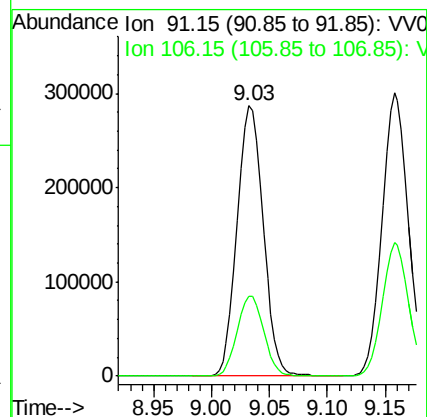
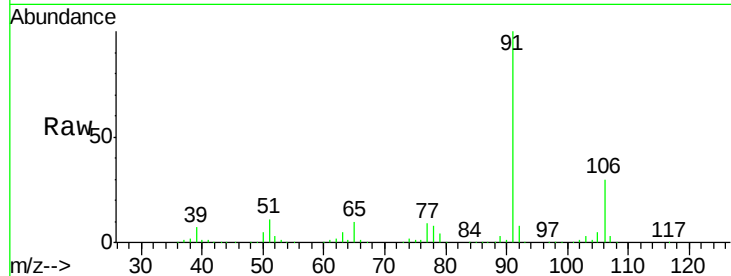
ETKT4

Tot Ion: 91 Resp: 449058

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.5



#53

m,p-xylene

Concen: 13.512 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV015873.D

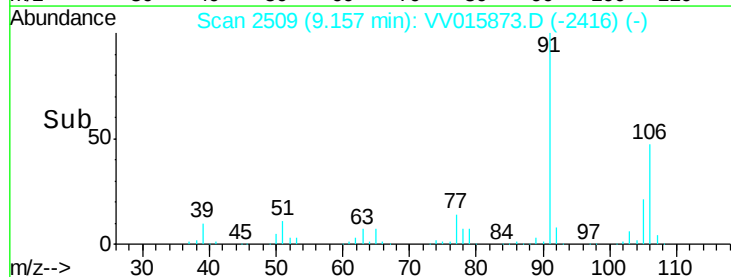
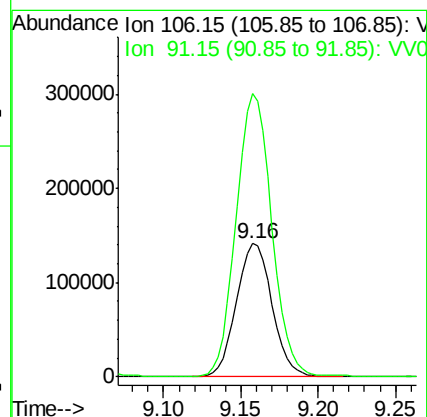
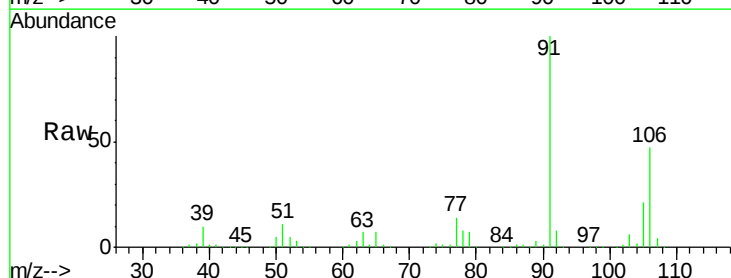
Acq: 01 May 2020 21:08

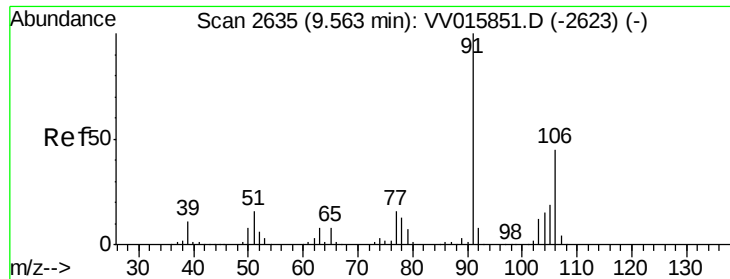
Tgt Ion: 106 Resp: 225546

Ion Ratio Lower Upper

106 100

91 212.8 147.8 274.4





#54

o-xylene

Concen: 8.799 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015873.D

Acq: 01 May 2020 21:08

Instrument :

MSVOA_V

ClientSampled :

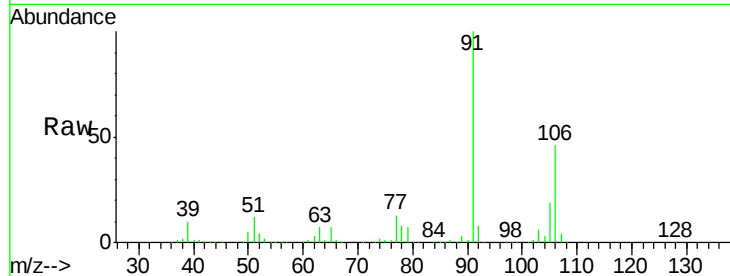
ETKT4

Tot Ion:106 Resp: 142122

Ion Ratio Lower Upper

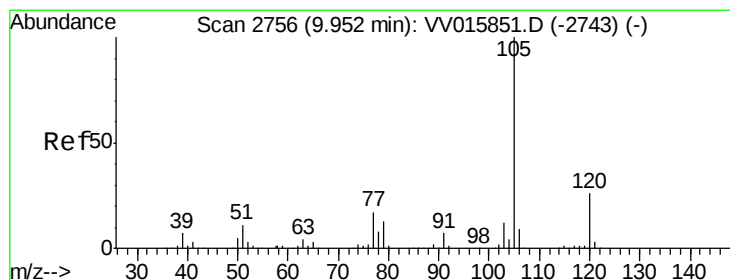
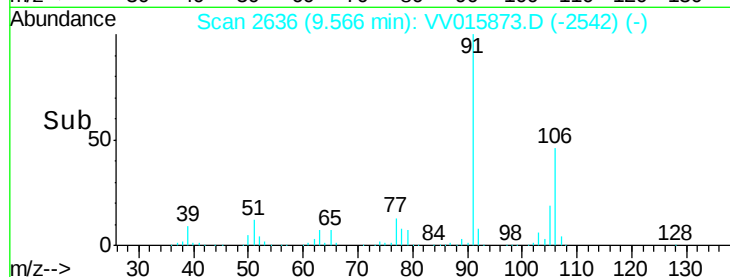
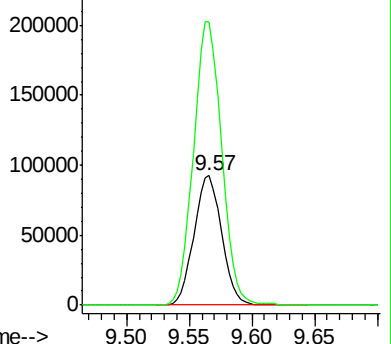
106 100

91 219.1 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.688 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015873.D

Acq: 01 May 2020 21:08

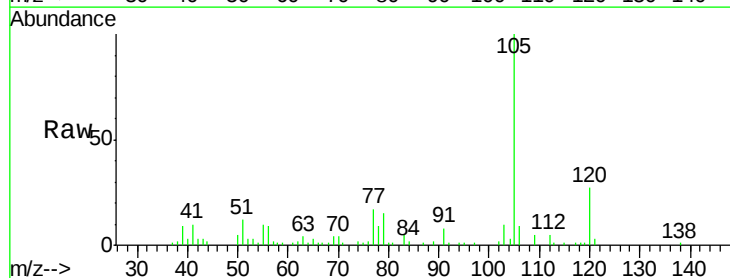
Tgt Ion:105 Resp: 31193

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 19.5 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

