

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015884.D
 Acq On : 04 May 2020 14:57
 Operator : SY/MD
 Sample : L2432-03DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKT2DL

Quant Time: May 05 02:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119875	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29734	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	29796	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	46995	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.94	46	99789	49.61	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.38	84	68266	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	40150	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	131845	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	42953	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	117081	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.65	79	14336	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.11	63	75628	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31048	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47290	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

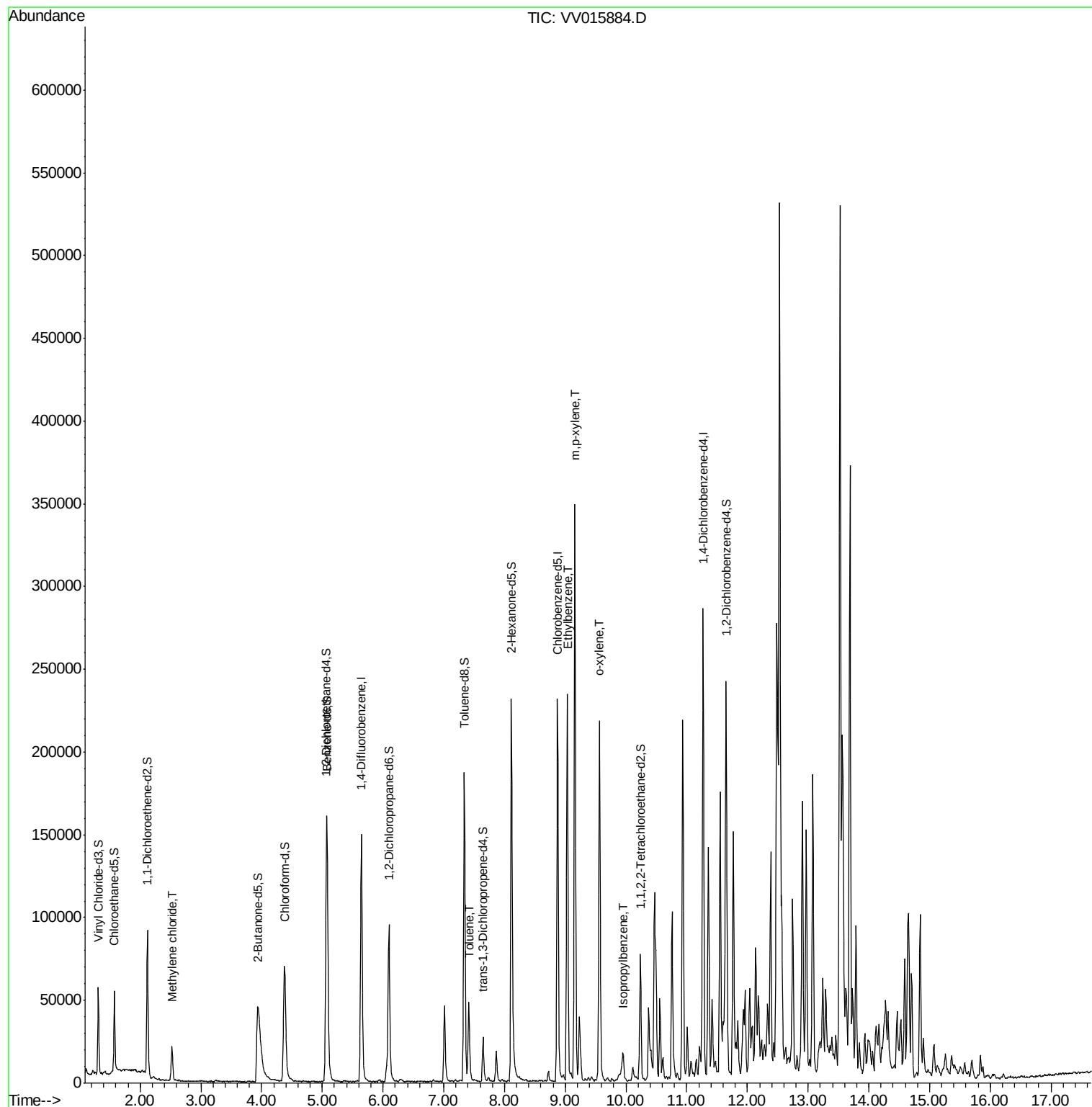
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.52	84	7963	0.924	ug/L	92
42) Toluene	7.41	91	33618	0.961	ug/L	98
52) Ethylbenzene	9.04	91	157171	3.884	ug/L	99
53) m,p-xylene	9.16	106	92140	6.216	ug/L	99
54) o-xylene	9.57	106	52325	3.648	ug/L	94
56) Isopropylbenzene	9.95	105	8571	0.213	ug/L #	93

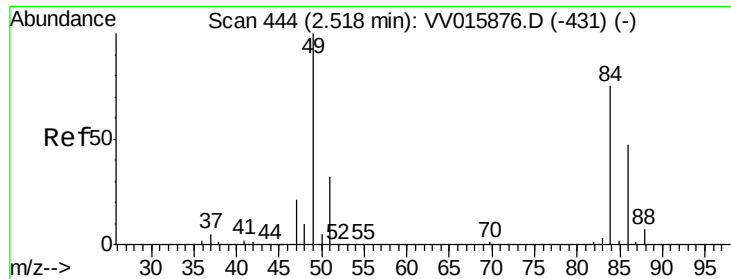
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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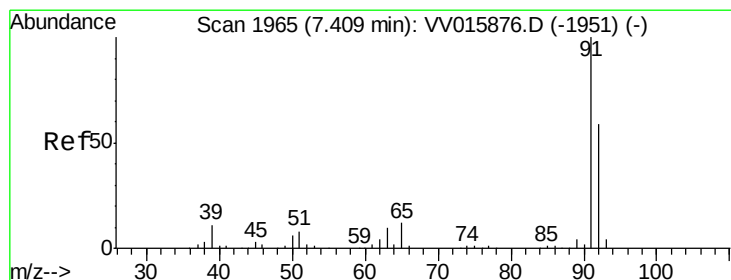
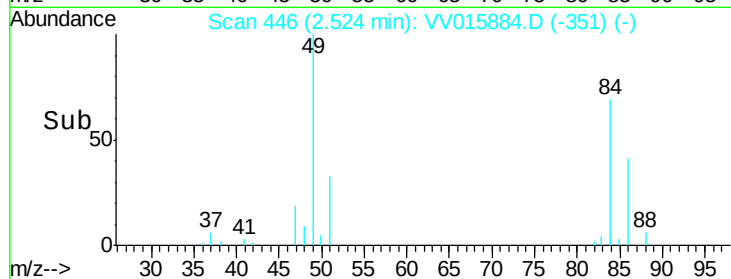
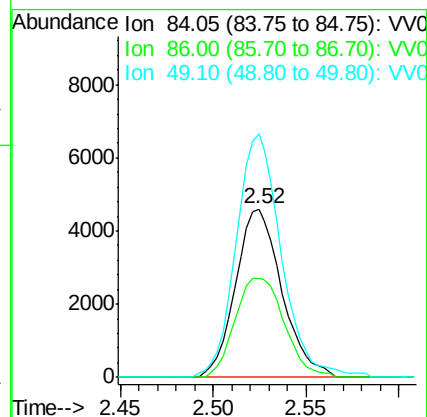
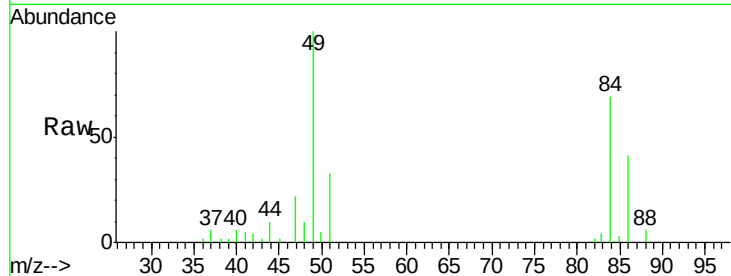




#16
Methylene chloride
Concen: 0.924 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV015884.D
Acq: 04 May 2020 14:57

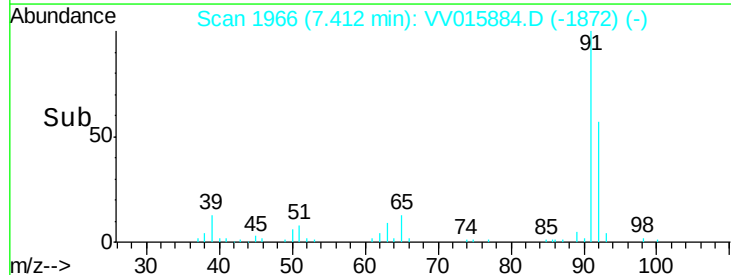
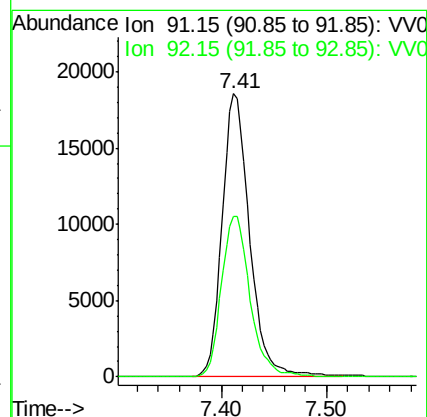
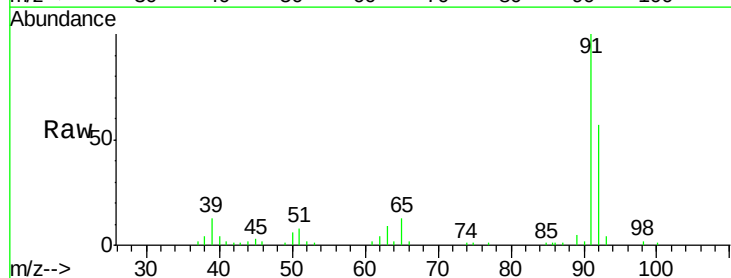
Instrument :
MSVOA_V
ClientSampleId :
ETKT2DL

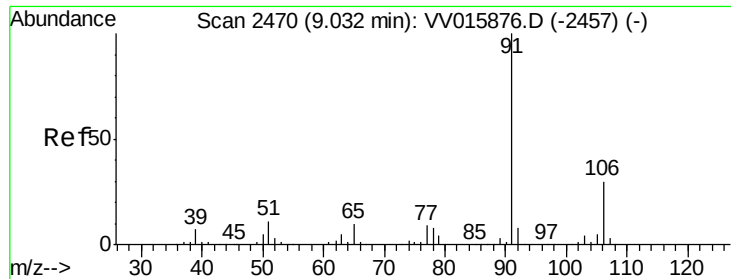
Tot Ion: 84 Resp: 7963
Ion Ratio Lower Upper
84 100
86 59.1 45.1 83.7
49 144.8 94.4 175.4



#42
Toluene
Concen: 0.961 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV015884.D
Acq: 04 May 2020 14:57

Tgt Ion: 91 Resp: 33618
Ion Ratio Lower Upper
91 100
92 56.8 40.7 75.7

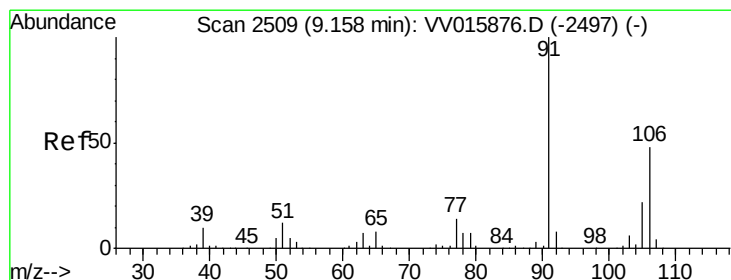
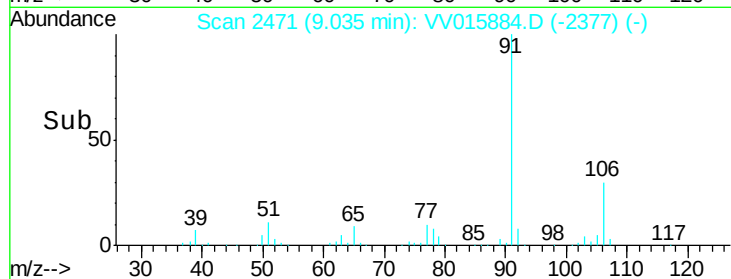
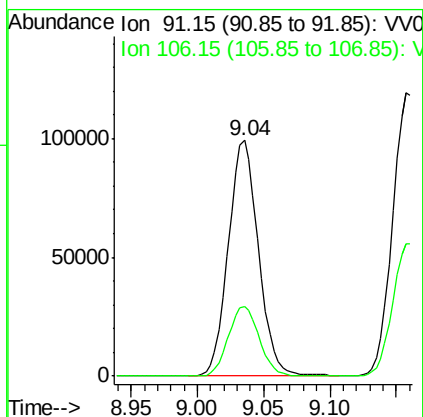
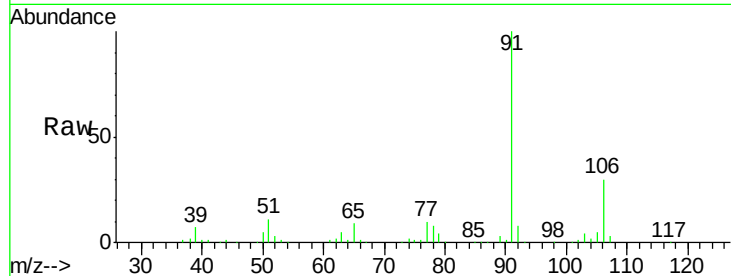




#52
Ethylbenzene
Concen: 3.884 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015884.D
Acq: 04 May 2020 14:57

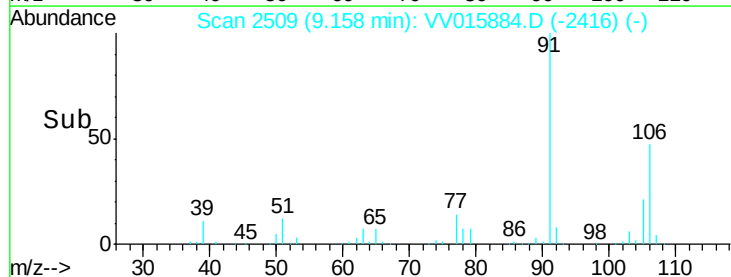
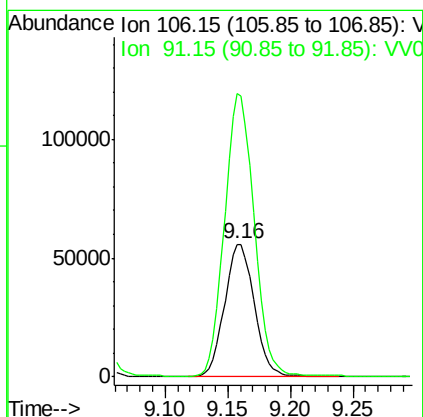
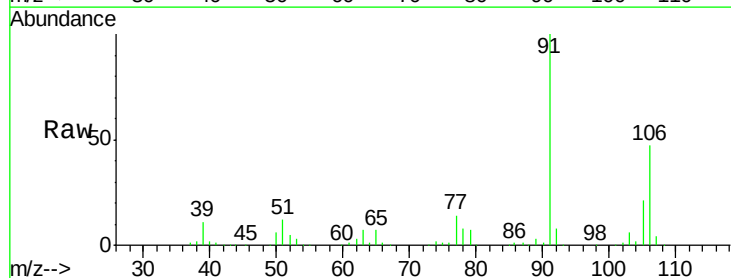
Instrument :
MSVOA_V
ClientSampled :
ETKT2DL

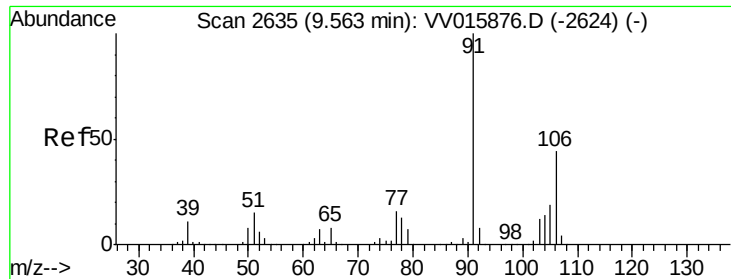
Tot Ion: 91 Resp: 157171
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-xylene
Concen: 6.216 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV015884.D
Acq: 04 May 2020 14:57

Tgt Ion: 106 Resp: 92140
Ion Ratio Lower Upper
106 100
91 213.2 147.8 274.4





#54

o-xylene

Concen: 3.648 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015884.D

Acq: 04 May 2020 14:57

Instrument :

MSVOA_V

ClientSampleId :

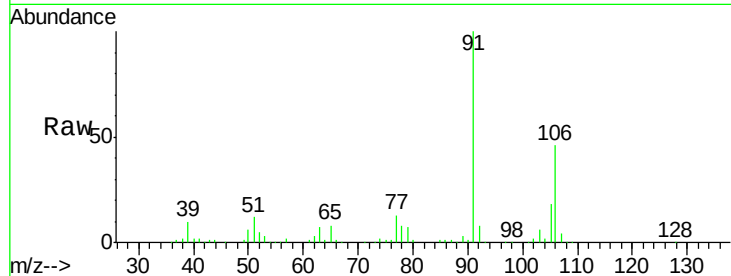
ETKT2DL

Tot Ion:106 Resp: 52325

Ion Ratio Lower Upper

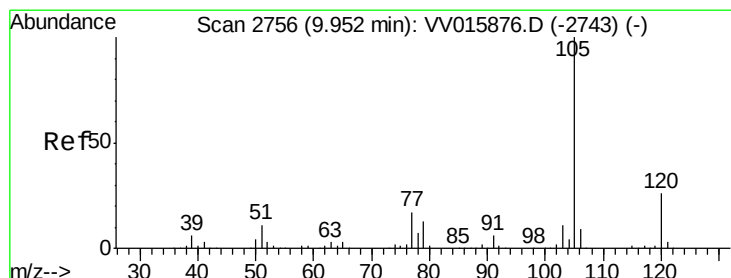
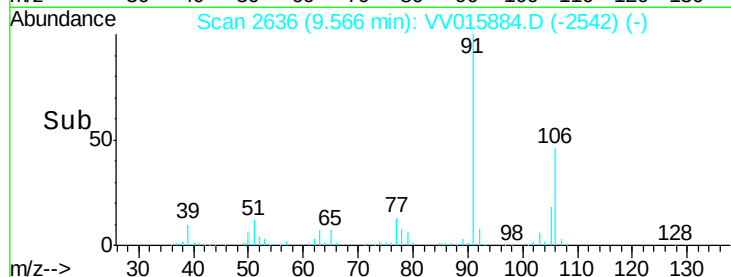
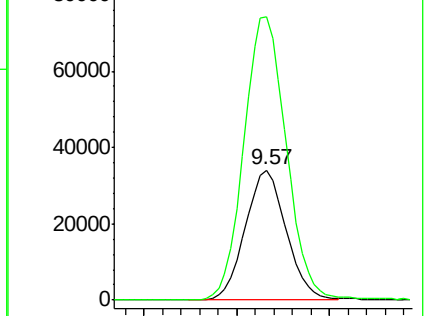
106 100

91 217.7 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.213 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015884.D

Acq: 04 May 2020 14:57

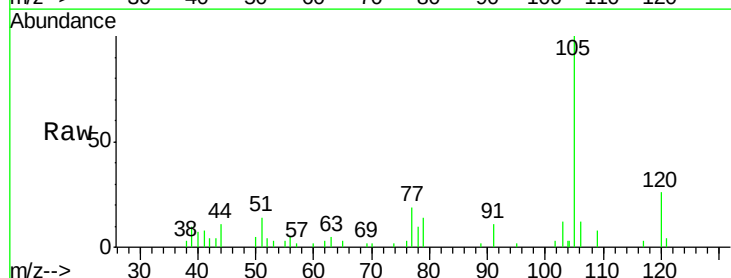
Tgt Ion:105 Resp: 8571

Ion Ratio Lower Upper

105 100

120 27.5 20.7 31.1

77 23.3 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

