

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007787.D
 Acq On : 23 Sep 2018 14:43
 Operator : SY/MD
 Sample : J5014-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JB2

Quant Time: Sep 24 07:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35233	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.92%
7) Chloroethane-d5	1.59	69	38140	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.68%
11) 1,1-Dichloroethene-d2	2.14	63	75273	32.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	3.95	46	54637	84.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.43%
24) Chloroform-d	4.41	84	86392	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	5.09	65	61096	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	5.11	84	178098	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
36) 1,2-Dichloropropane-d6	6.13	67	52764	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.02%
41) Toluene-d8	7.36	98	184223	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.67	79	23520	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
47) 2-Hexanone-d5	8.14	63	45704	86.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84426	45.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	97668	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

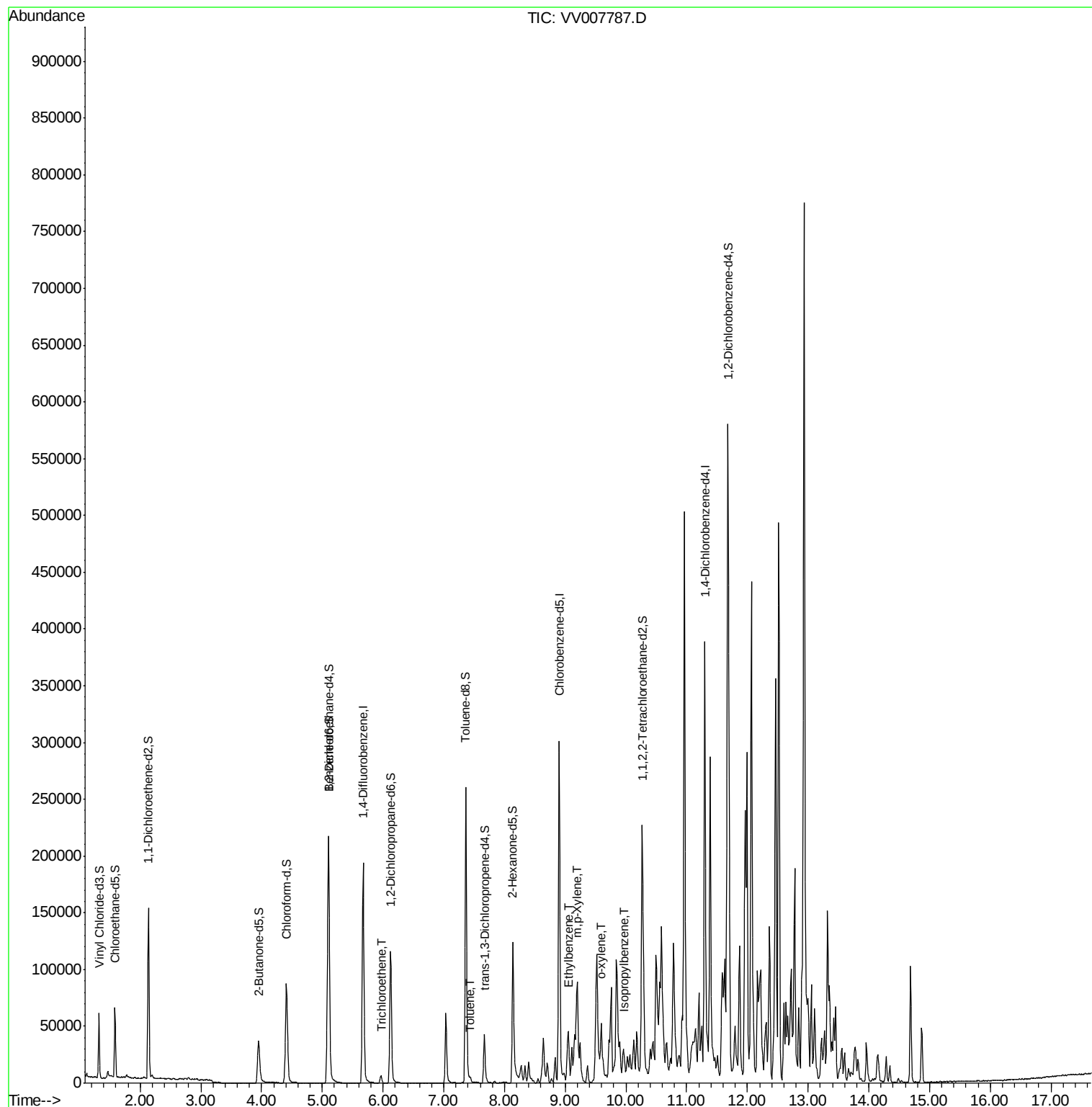
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	5.97	95	2174	1.737	ug/L	89
42) Toluene	7.44	91	2074	0.414	ug/L	90
52) Ethylbenzene	9.06	91	10224	1.803	ug/L	97
53) m,p-Xylene	9.19	106	13540	5.967	ug/L	99
54) o-xylene	9.59	106	11401	5.151	ug/L	92
56) Isopropylbenzene	9.98	105	7083	1.187	ug/L	97

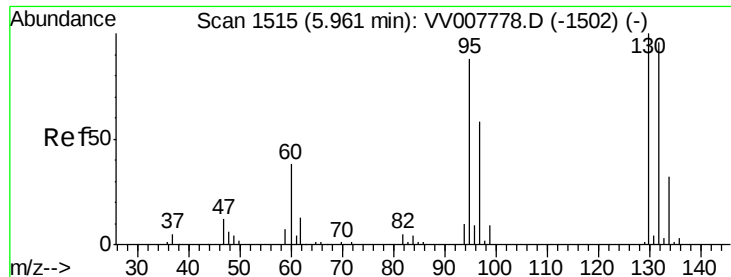
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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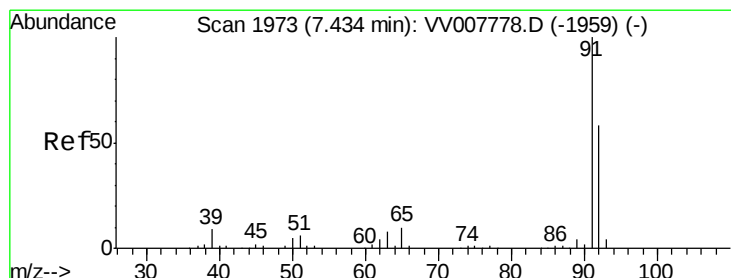
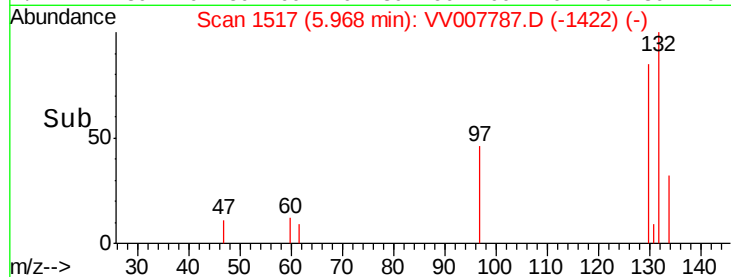
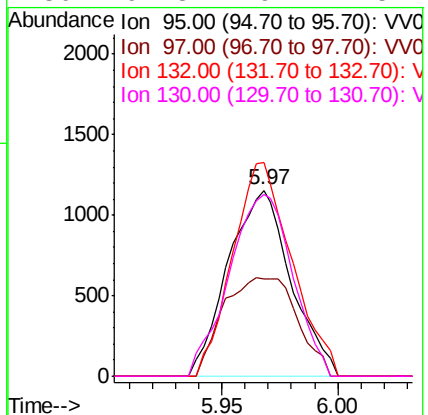
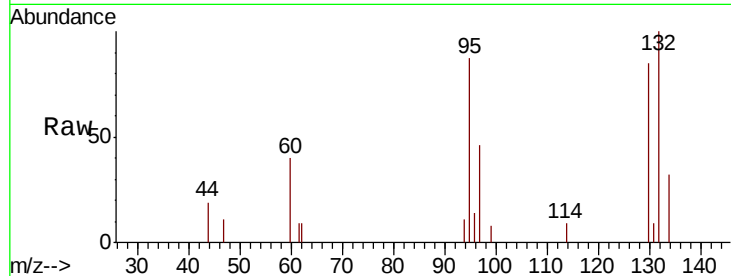




#34
 Trichloroethene
 Concen: 1.737 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV007787.D
 Acq: 23 Sep 2018 14:43

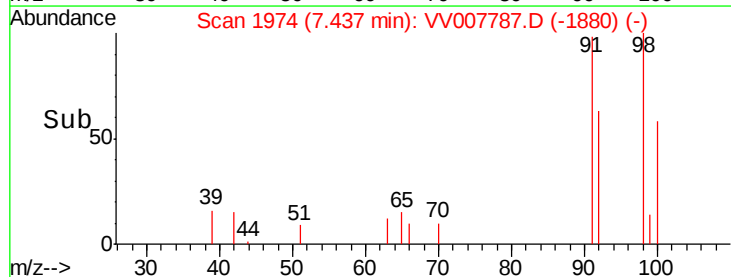
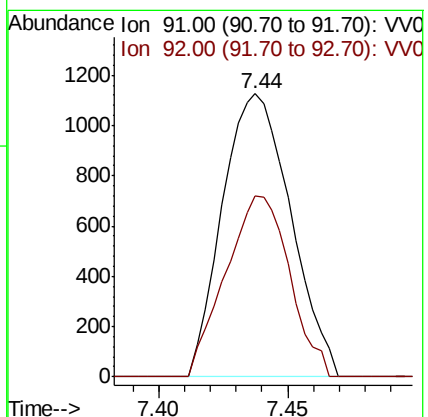
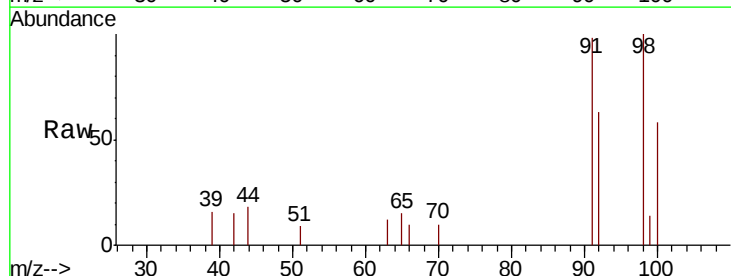
Instrument :
 MSVOA_V
 ClientSampled :
 E8JB2

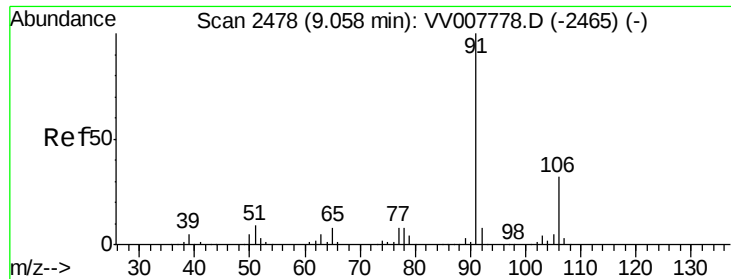
Tot Ion: 95 Resp: 2174
 Ion Ratio Lower Upper
 95 100
 97 52.6 45.2 84.0
 132 115.1 77.7 144.3
 130 97.8 79.7 148.1



#42
 Toluene
 Concen: 0.414 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007787.D
 Acq: 23 Sep 2018 14:43

Tgt Ion: 91 Resp: 2074
 Ion Ratio Lower Upper
 91 100
 92 63.8 39.7 73.7





#52

Ethylbenzene

Concen: 1.803 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. 0.00 min

Lab File: VV007787.D

Acq: 23 Sep 2018 14:43

Instrument :

MSVOA_V

ClientSampleID :

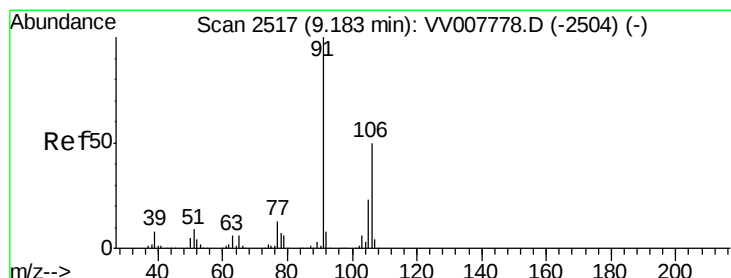
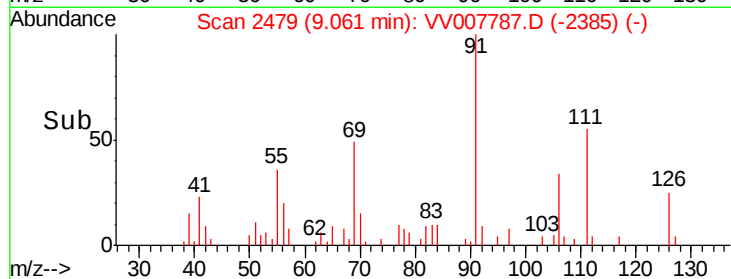
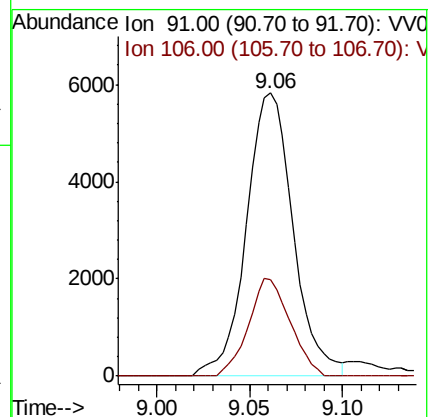
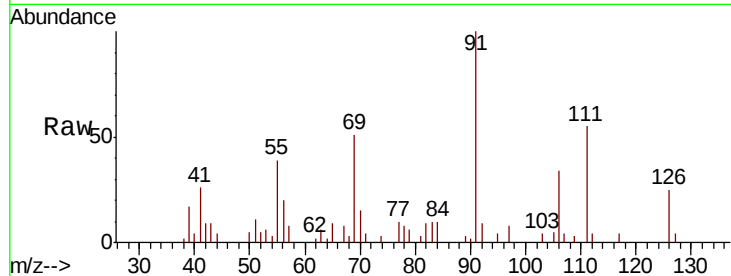
E8JB2

Tot Ion: 91 Resp: 10224

Ion Ratio Lower Upper

91 100

106 34.1 22.7 42.1



#53

m,p-Xylene

Concen: 5.967 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007787.D

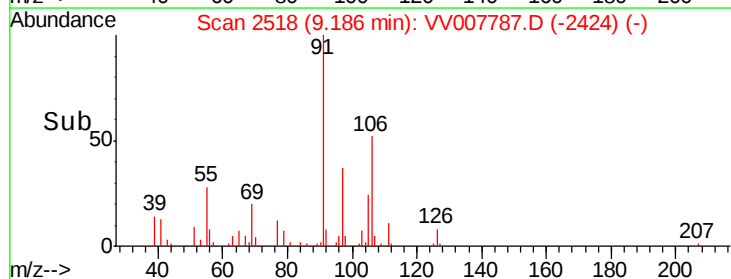
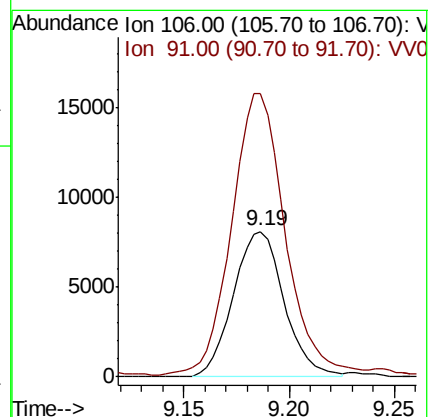
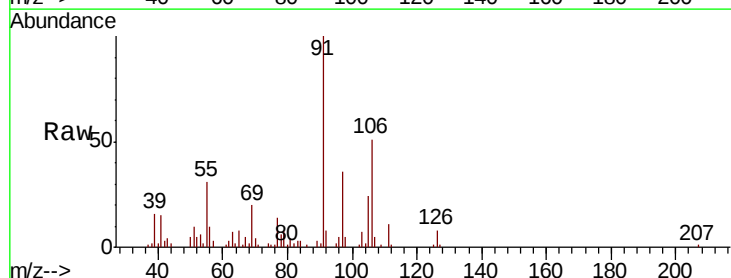
Acq: 23 Sep 2018 14:43

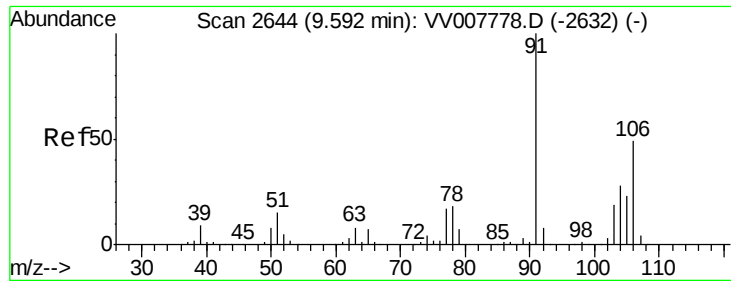
Tgt Ion: 106 Resp: 13540

Ion Ratio Lower Upper

106 100

91 194.5 137.3 254.9





#54

o-xylene

Concen: 5.151 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV007787.D

Acq: 23 Sep 2018 14:43

Instrument :

MSVOA_V

ClientSampleId :

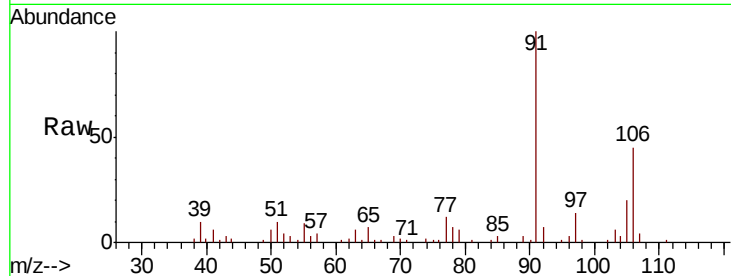
E8JB2

Tot Ion:106 Resp: 11401

Ion Ratio Lower Upper

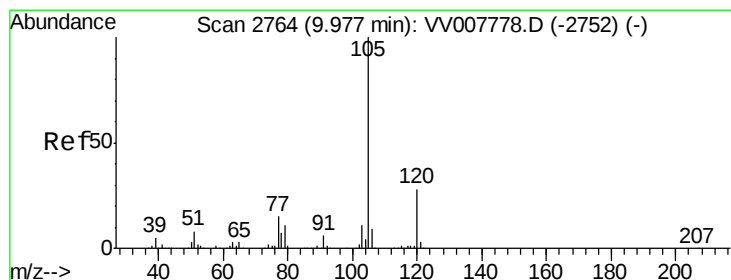
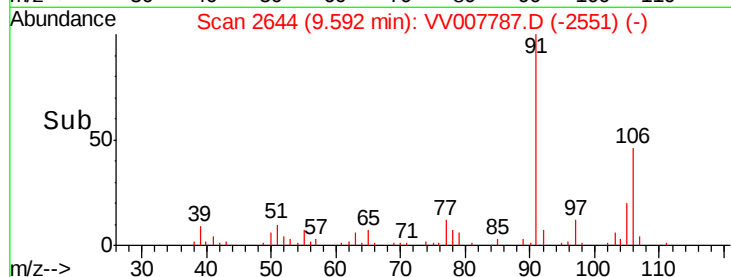
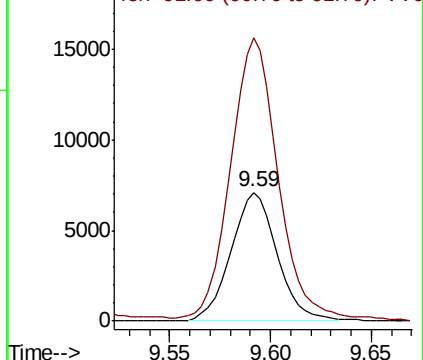
106 100

91 220.0 145.5 270.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 1.187 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV007787.D

Acq: 23 Sep 2018 14:43

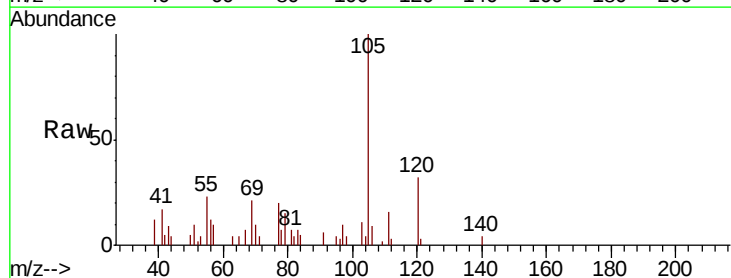
Tgt Ion:105 Resp: 7083

Ion Ratio Lower Upper

105 100

120 28.2 22.0 33.0

77 17.4 12.1 18.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

