

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034775.D
 Acq On : 24 Sep 2019 16:48
 Operator : JC/SP
 Sample : K4984-11
 Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM6

Quant Time: Sep 25 04:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	596975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	578715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	287801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204938	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.06%
7) Chloroethane-d5	1.63	69	149584	31.67	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.34%#
11) 1,1-Dichloroethene-d2	2.22	63	329498	31.84	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	4.17	46	468215	99.96	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.96%
24) Chloroform-d	4.62	84	381699	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	5.28	65	279165	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
32) Benzene-d6	5.31	84	842127	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.31	67	294042	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.54	98	848723	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%
43) trans-1,3-Dichloropropene-	7.83	79	134813	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.31	63	358250	113.77	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	447915	51.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	321321	53.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.48%

Target Compounds

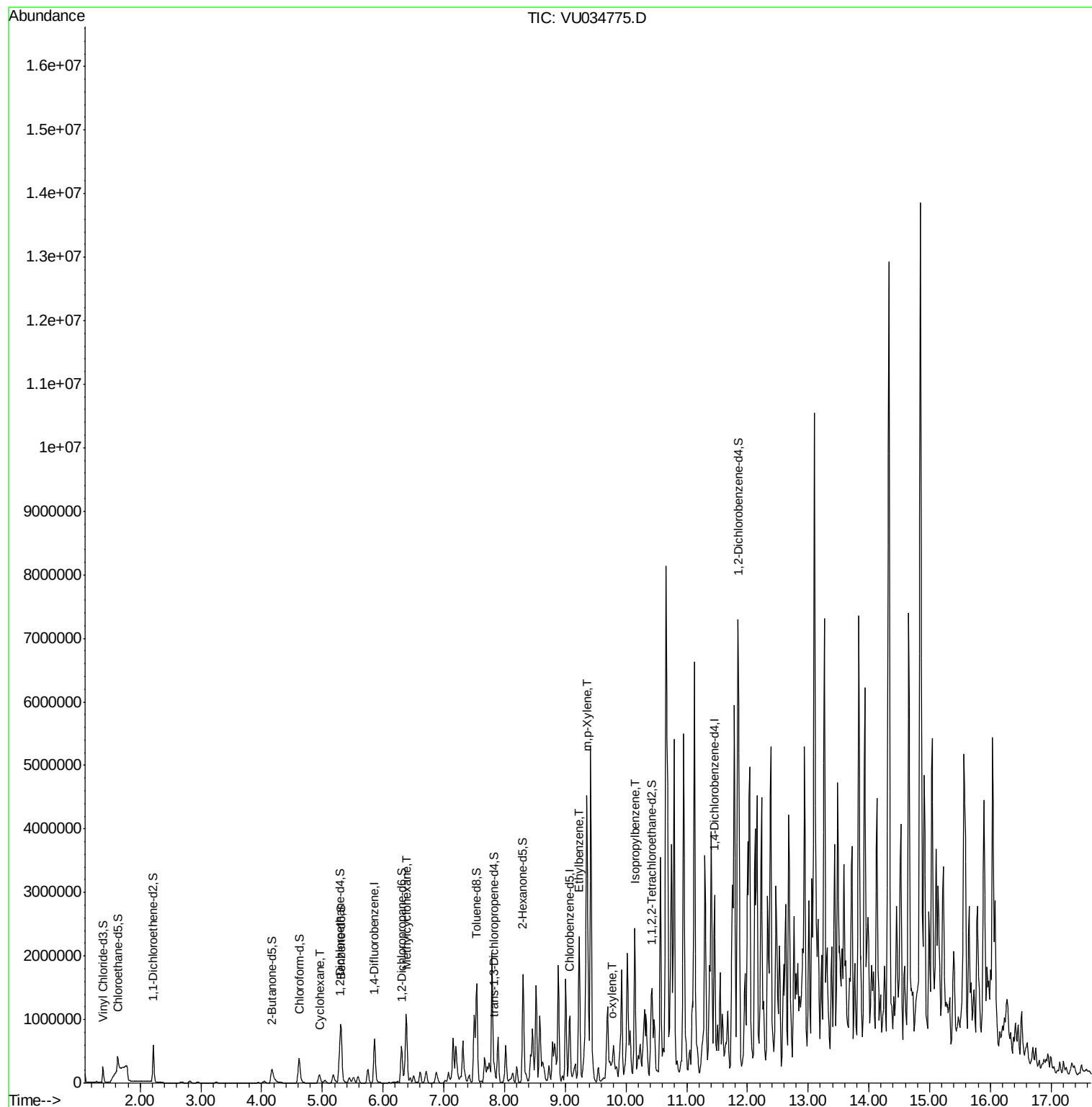
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.95	56	53059	5.555	ug/L	96
35) Methylcyclohexane	6.39	83	437281	51.983	ug/L	99
52) Ethylbenzene	9.23	91	1431531	58.606	ug/L	97
53) m,p-Xylene	9.36	106	1192484	137.832	ug/L	96
54) o-xylene	9.76	106	47904	5.598	ug/L	98
56) Isopropylbenzene	10.15	105	1415098	61.330	ug/L	97

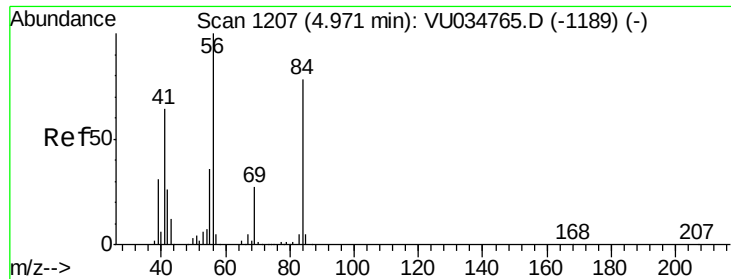
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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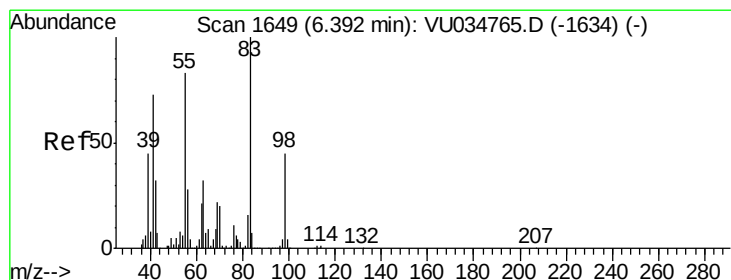
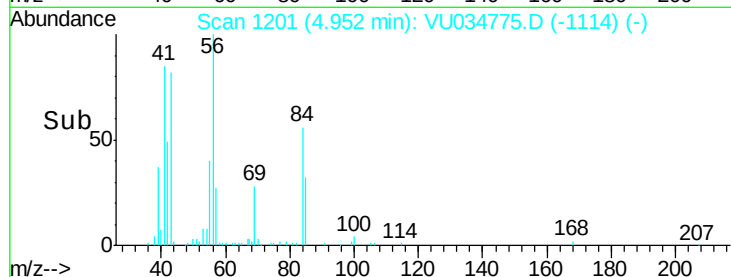
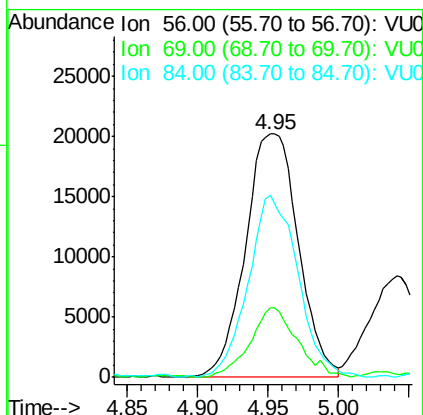
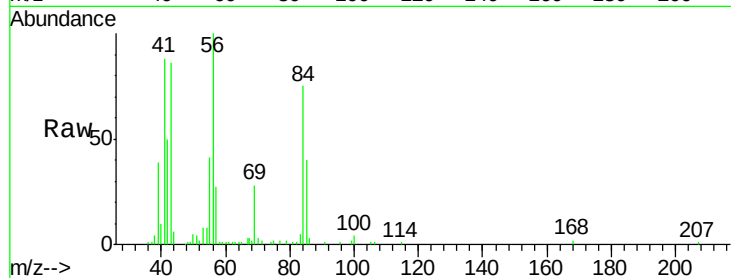




#29
Cyclohexane
Concen: 5.555 ug/L
RT: 4.95 min Scan# 1201
Delta R.T. -0.02 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

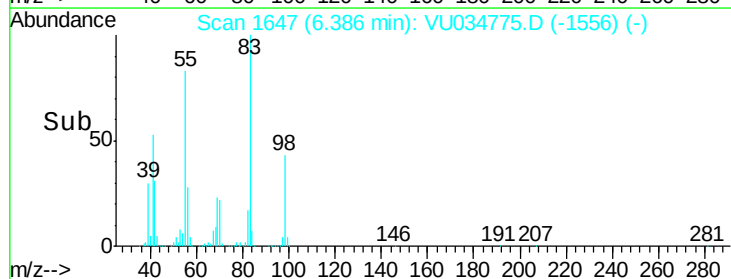
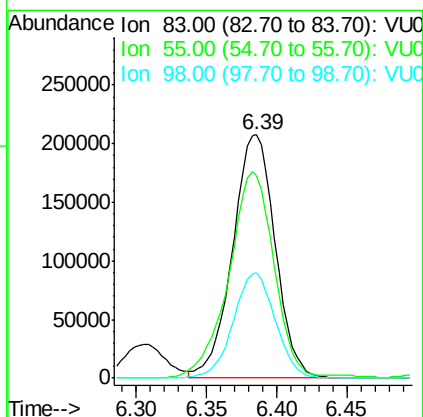
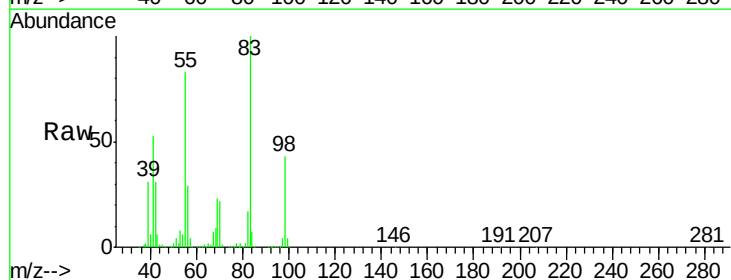
Instrument :
MSVOA_U
ClientSampleId :
BEDM6

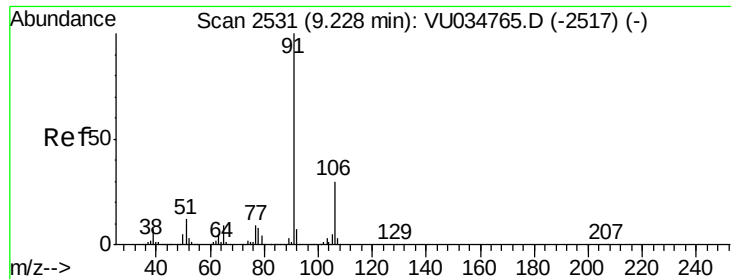
Tot Ion: 56 Resp: 53059
Ion Ratio Lower Upper
56 100
69 24.2 21.7 32.5
84 70.3 58.8 88.2



#35
Methylcyclohexane
Concen: 51.983 ug/L
RT: 6.39 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion: 83 Resp: 437281
Ion Ratio Lower Upper
83 100
55 89.4 71.6 107.4
98 42.5 35.7 53.5





#52

Ethylbenzene

Concen: 58.606 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034775.D

Acq: 24 Sep 2019 16:48

Instrument :

MSVOA_U

ClientSampled :

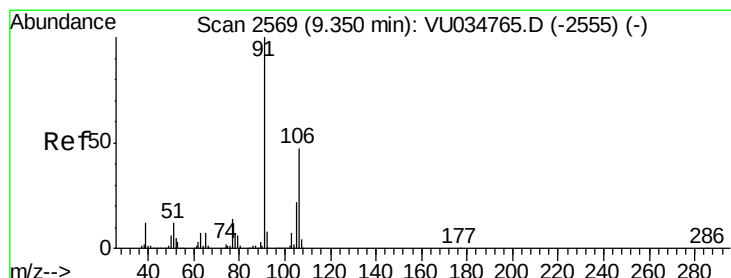
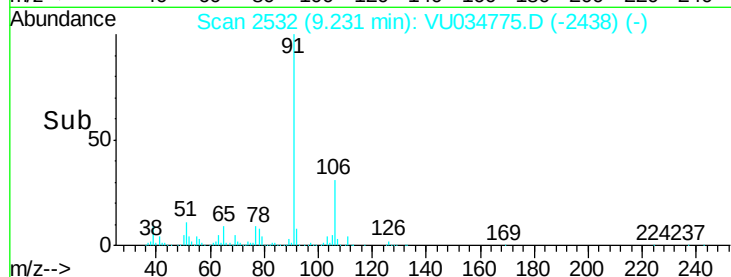
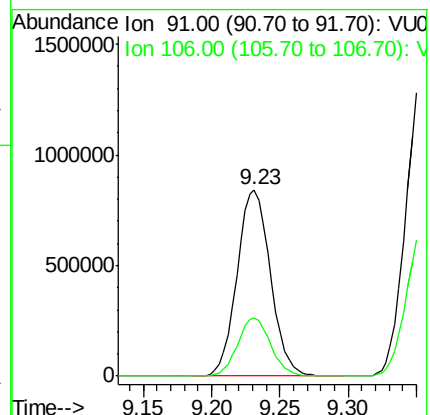
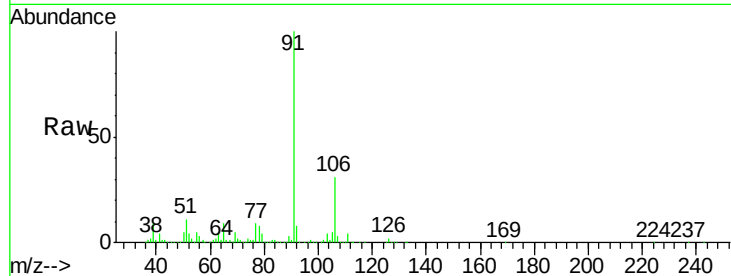
BEDM6

Tot Ion: 91 Resp: 1431531

Ion Ratio Lower Upper

91 100

106 31.1 20.6 38.4



#53

m,p-Xylene

Concen: 137.832 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.01 min

Lab File: VU034775.D

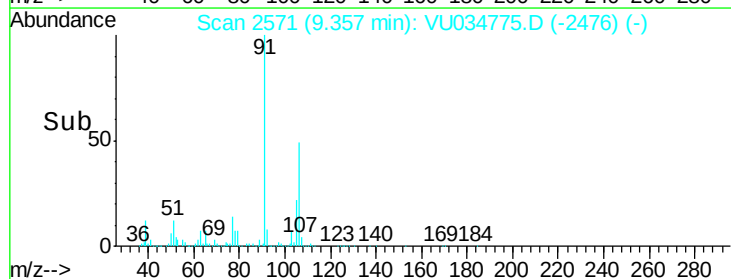
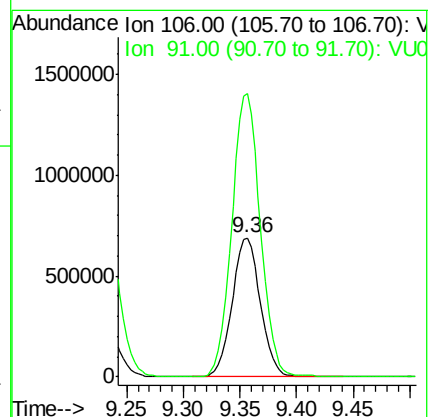
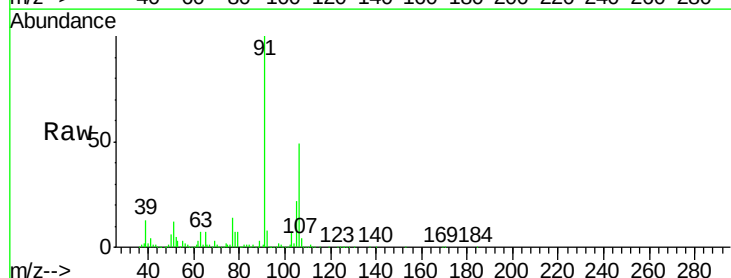
Acq: 24 Sep 2019 16:48

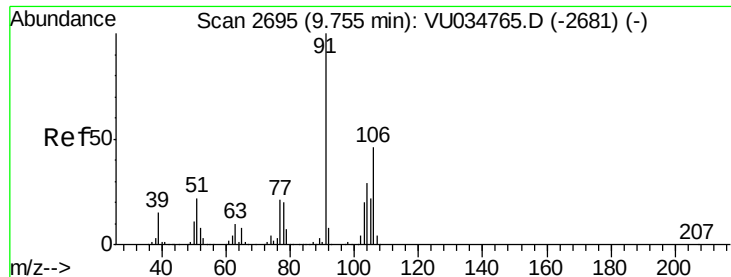
Tgt Ion:106 Resp: 1192484

Ion Ratio Lower Upper

106 100

91 203.7 146.9 272.7





#54

o-xylene

Concen: 5.598 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034775.D

Acq: 24 Sep 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

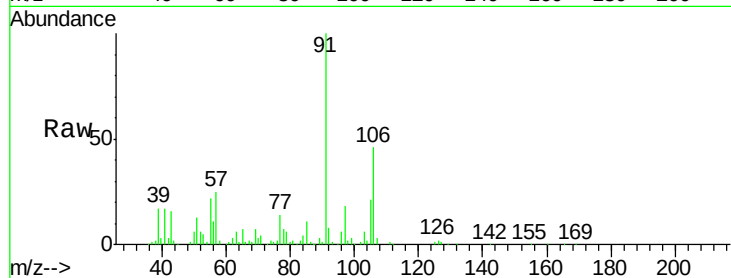
BEDM6

Tot Ion:106 Resp: 47904

Ion Ratio Lower Upper

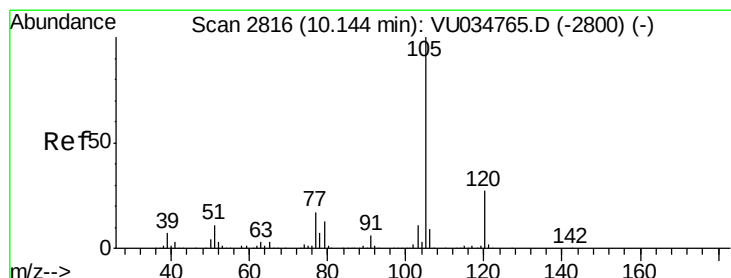
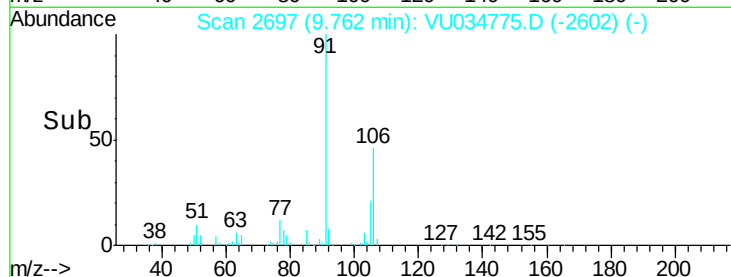
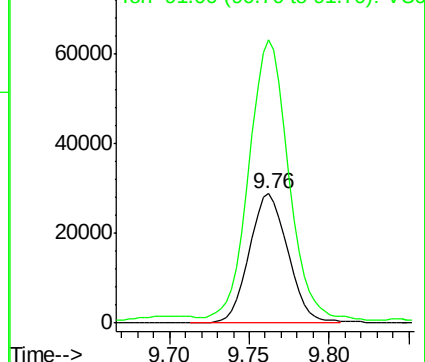
106 100

91 219.0 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 61.330 ug/L

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034775.D

Acq: 24 Sep 2019 16:48

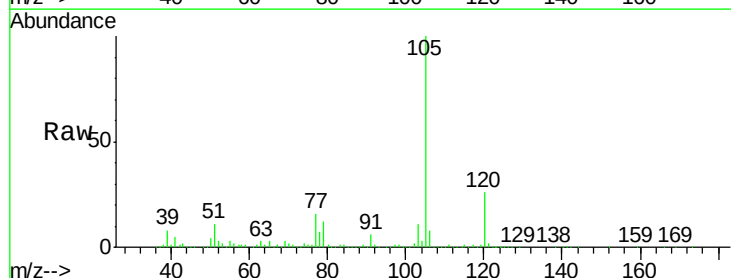
Tgt Ion:105 Resp: 1415098

Ion Ratio Lower Upper

105 100

120 26.3 20.4 30.6

77 16.1 14.2 21.4



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): VU0

