

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034776.D
 Acq On : 24 Sep 2019 17:12
 Operator : JC/SP
 Sample : K4984-09
 Misc : 4.59g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDL3

Quant Time: Sep 25 04:46:07 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	752513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	724346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	348786	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	316429	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.63	69	231795	38.93	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.86%
11) 1,1-Dichloroethene-d2	2.22	63	511629	39.22	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
21) 2-Butanone-d5	4.17	46	738703	125.11	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.11%
24) Chloroform-d	4.62	84	600718	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	5.28	65	419910	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.31	84	1293635	57.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.24%
36) 1,2-Dichloropropane-d6	6.31	67	456156	58.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.26%
41) Toluene-d8	7.54	98	1238247	57.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.94%
43) trans-1,3-Dichloropropene-	7.83	79	212097	56.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.86%
47) 2-Hexanone-d5	8.31	63	550034	139.56	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	139.56%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	673912	61.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.78%#
64) 1,2-Dichlorobenzene-d4	11.84	152	460735	63.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.00%#

Target Compounds

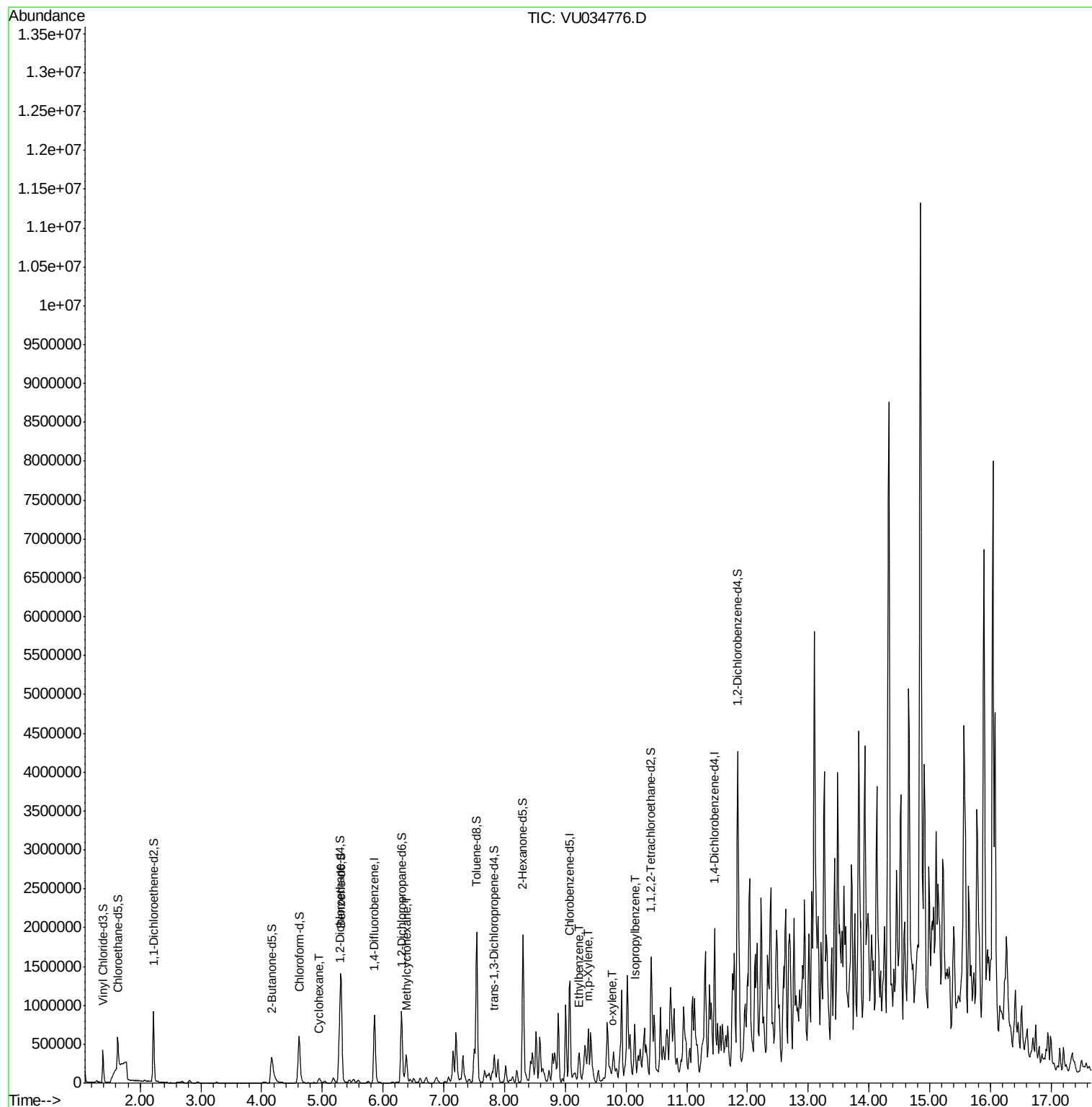
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.95	56	22178	1.855	ug/L	# 58
35) Methylcyclohexane	6.38	83	145460	13.815	ug/L	99
52) Ethylbenzene	9.23	91	144495	4.726	ug/L	99
53) m,p-Xylene	9.36	106	14806	1.367	ug/L	96
54) o-xylene	9.76	106	9965	0.930	ug/L	99
56) Isopropylbenzene	10.15	105	361810	12.528	ug/L	97

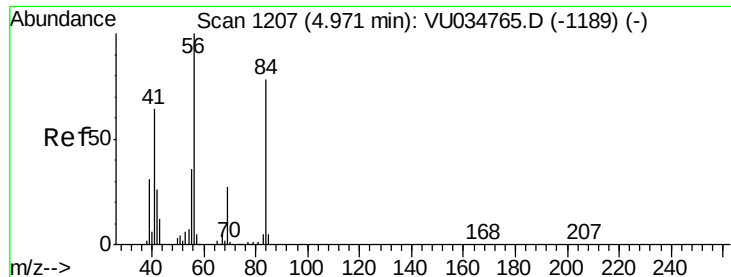
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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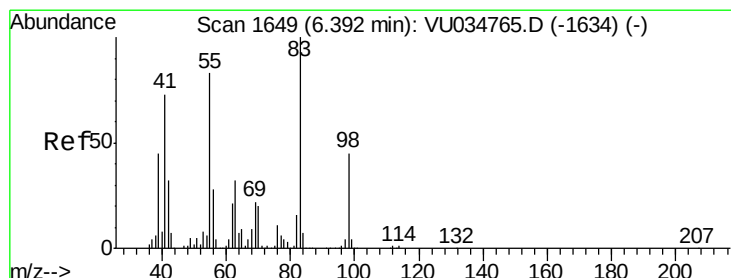
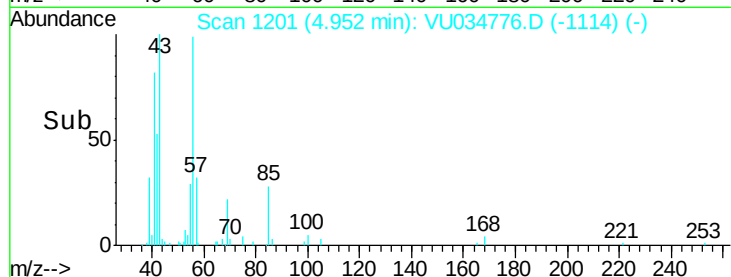
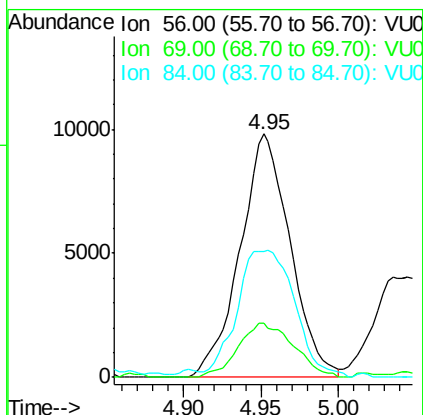
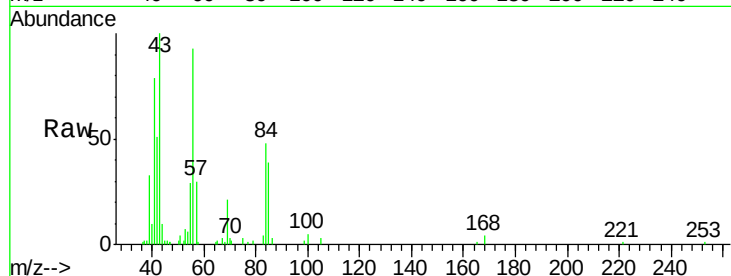




#29
Cyclohexane
Concen: 1.855 ug/L
RT: 4.95 min Scan# 1201
Delta R.T. -0.02 min
Lab File: VU034776.D
Acq: 24 Sep 2019 17:12

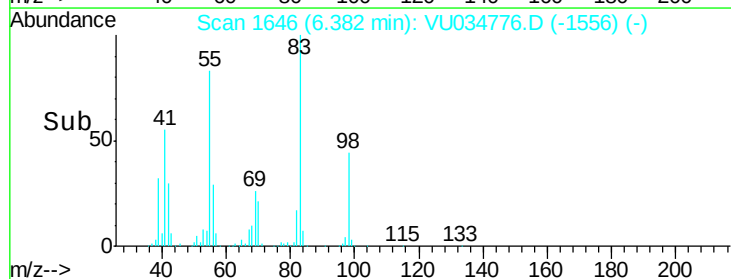
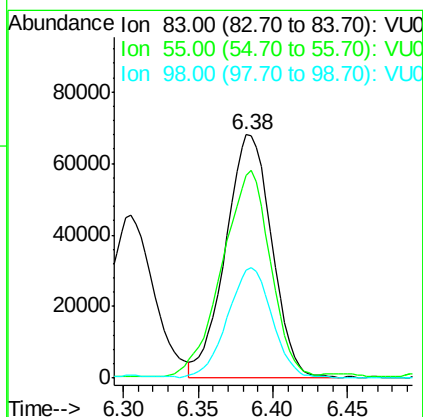
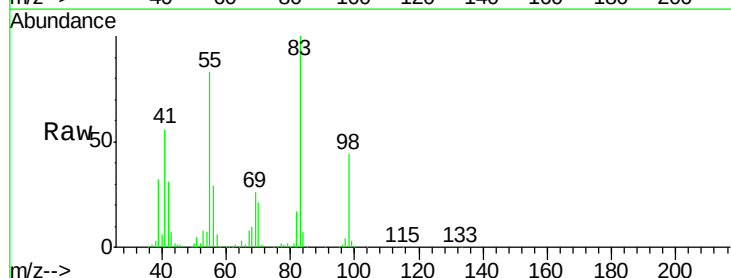
Instrument :
MSVOA_U
ClientSampleId :
BEDL3

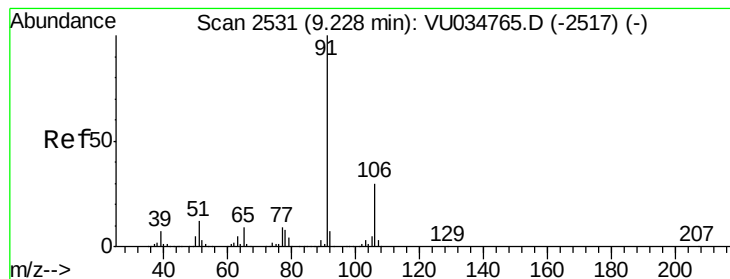
Tot Ion: 56 Resp: 22178
Ion Ratio Lower Upper
56 100
69 24.6 21.7 32.5
84 27.0 58.8 88.2#



#35
Methylcyclohexane
Concen: 13.815 ug/L
RT: 6.38 min Scan# 1646
Delta R.T. -0.01 min
Lab File: VU034776.D
Acq: 24 Sep 2019 17:12

Tgt Ion: 83 Resp: 145460
Ion Ratio Lower Upper
83 100
55 88.3 71.6 107.4
98 43.7 35.7 53.5





#52

Ethylbenzene

Concen: 4.726 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.01 min

Lab File: VU034776.D

Acq: 24 Sep 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

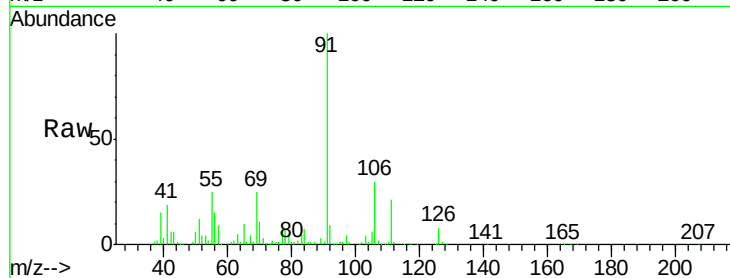
BEDL3

Tot Ion: 91 Resp: 144495

Ion Ratio Lower Upper

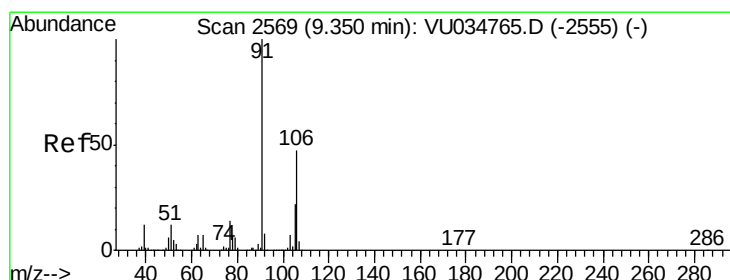
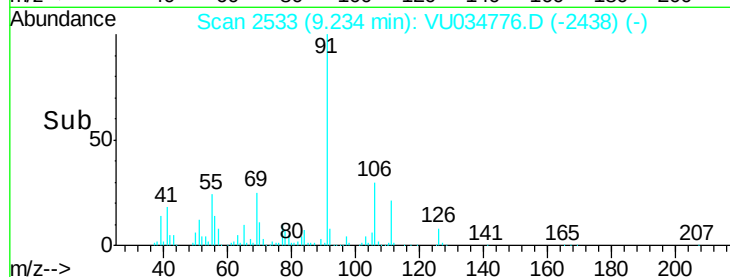
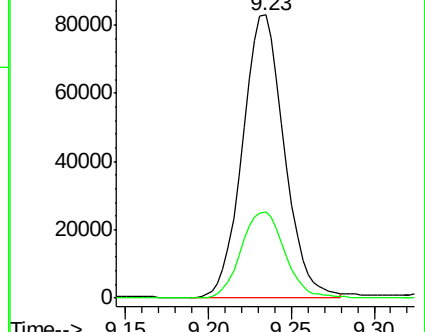
91 100

106 30.3 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU034776.D (-2438) (-)

Ion 106.00 (105.70 to 106.70): VU034776.D (-2438) (-)



#53

m,p-Xylene

Concen: 1.367 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU034776.D

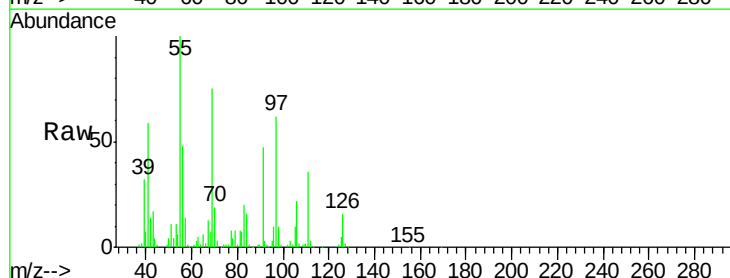
Acq: 24 Sep 2019 17:12

Tgt Ion: 106 Resp: 14806

Ion Ratio Lower Upper

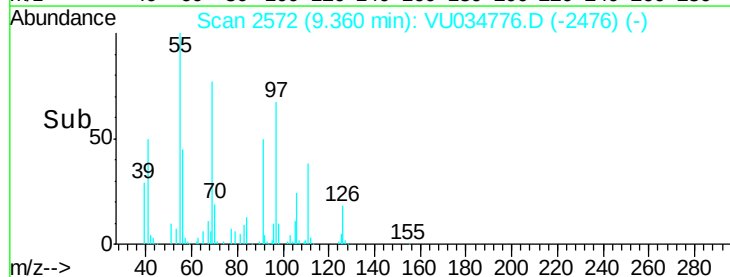
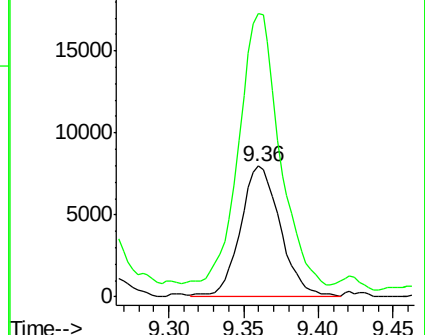
106 100

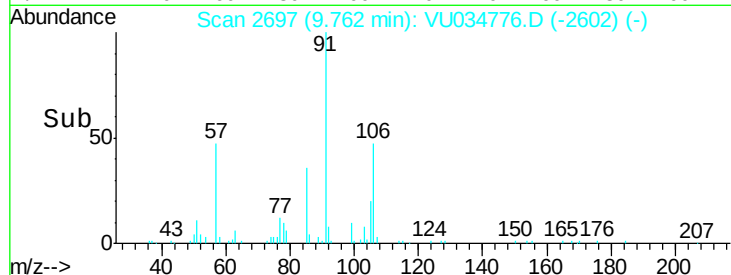
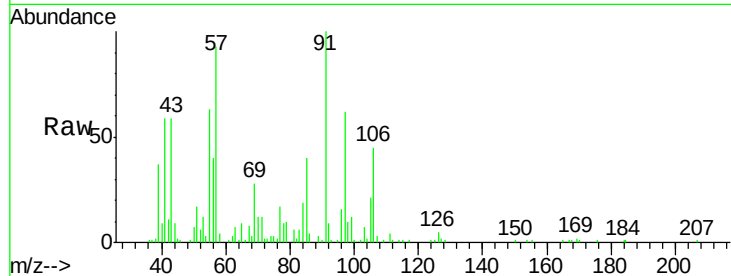
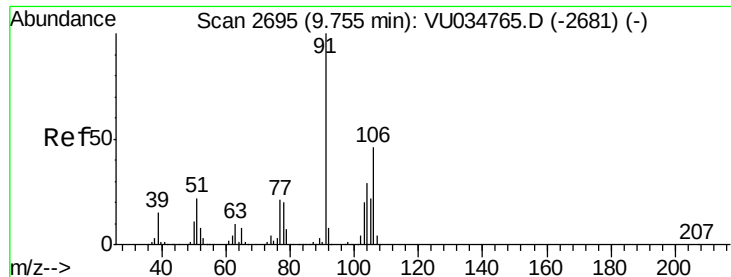
91 216.6 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): VU034776.D (-2476) (-)

Ion 91.00 (90.70 to 91.70): VU034776.D (-2476) (-)

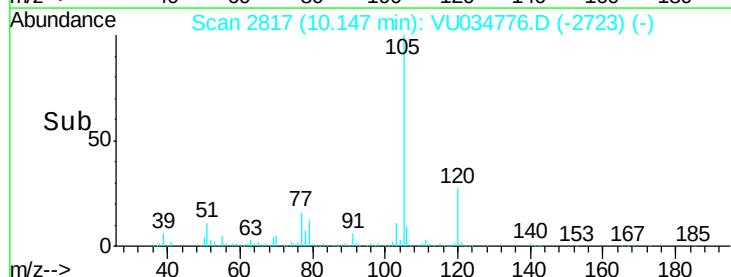
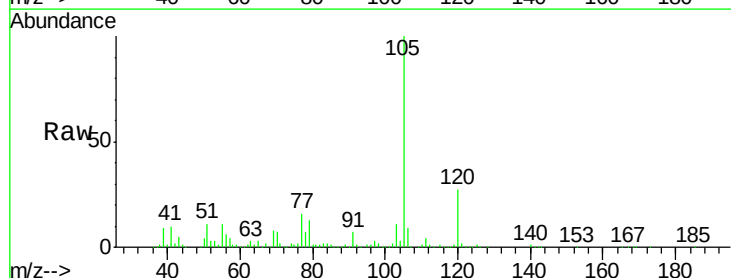
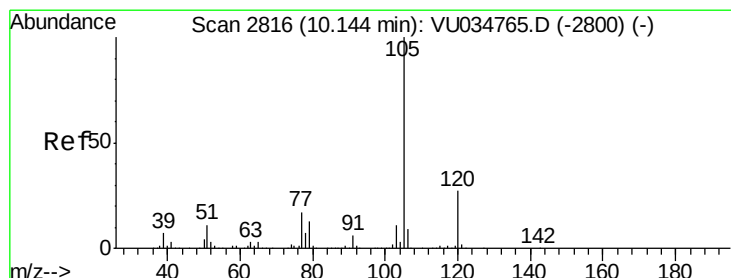
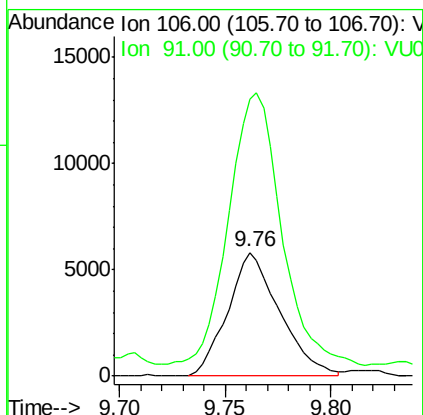




#54
o-xylene
Concen: 0.930 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034776.D
Acq: 24 Sep 2019 17:12

Instrument :
MSVOA_U
ClientSampled :
BEDL3

Tot Ion:106 Resp: 9965
Ion Ratio Lower Upper
106 100
91 223.3 155.6 289.0



#56
Isopropylbenzene
Concen: 12.528 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034776.D
Acq: 24 Sep 2019 17:12

Tgt Ion:105 Resp: 361810
Ion Ratio Lower Upper
105 100
120 26.9 20.4 30.6
77 16.2 14.2 21.4

