

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034754.D
 Acq On : 23 Sep 2019 23:40
 Operator : JC/SP
 Sample : K4932-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDJ9

Quant Time: Sep 24 05:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	529172	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	498937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	241259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213726	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.90%
7) Chloroethane-d5	1.67	69	179275	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.26	63	300405	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	4.15	46	493088	118.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	4.62	84	380933	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.29	65	274707	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.32	84	772110	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
36) 1,2-Dichloropropane-d6	6.31	67	273376	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.54	98	730755	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	7.83	79	127858	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.78%
47) 2-Hexanone-d5	8.29	63	337222	124.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	369385	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.84	152	257115	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

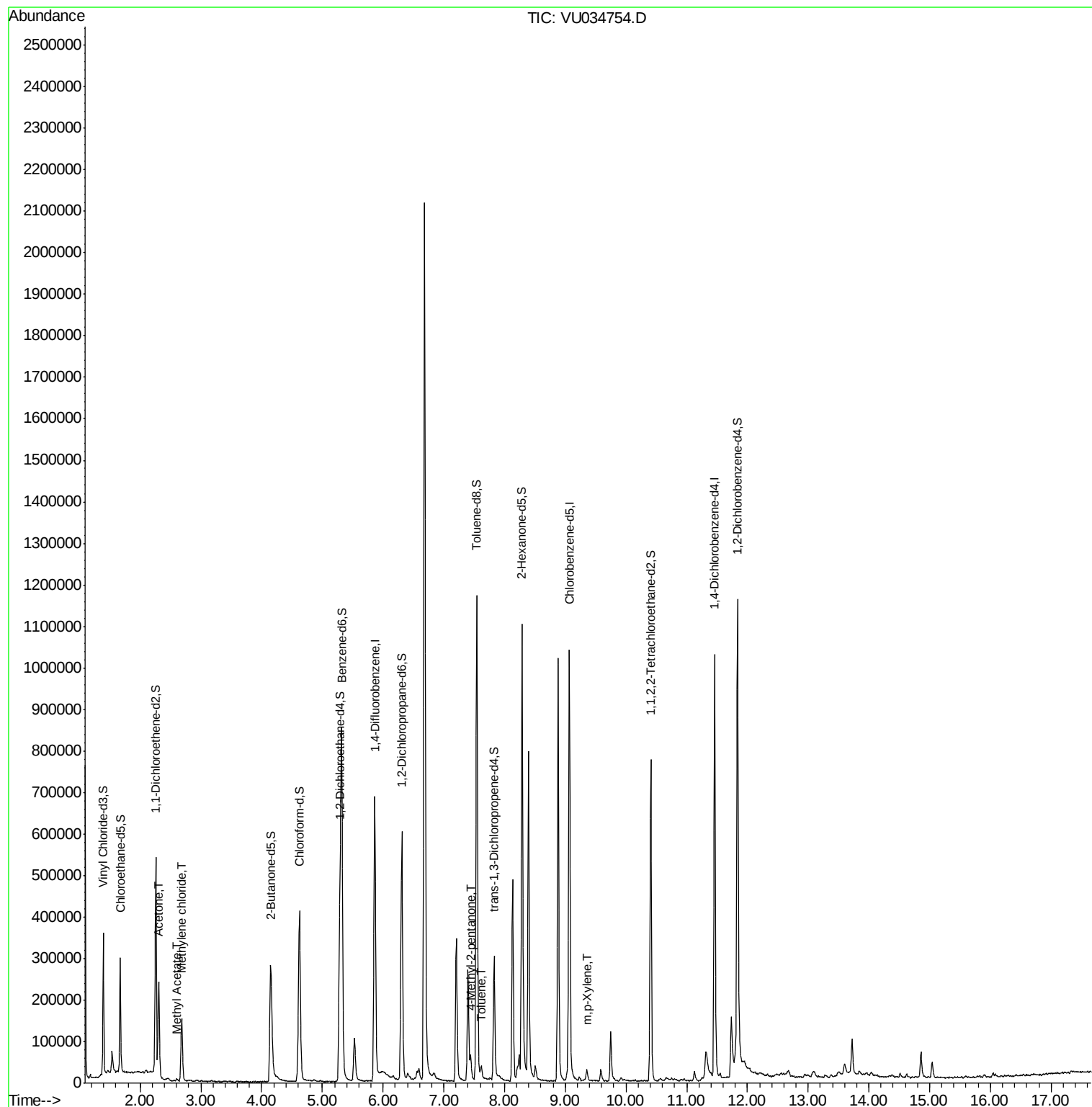
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	246168	50.969	ug/L	99
15) Methyl Acetate	2.60	43	6232	0.966	ug/L #	91
16) Methylene chloride	2.68	84	58751	13.396	ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	38592	3.923	ug/L #	99
42) Toluene	7.62	91	18791	1.005	ug/L	94
53) m,p-Xylene	9.35	106	7110	0.953	ug/L	92

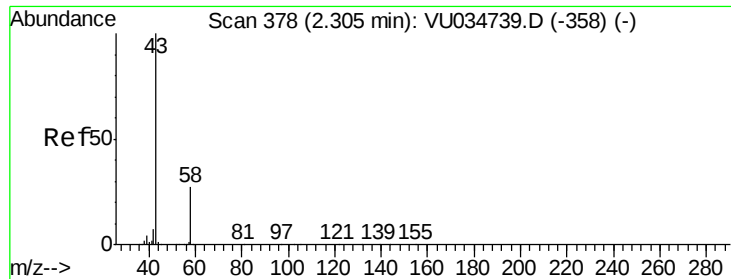
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.969 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034754.D

Acq: 23 Sep 2019 23:40

Instrument :

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ClientSampleId :

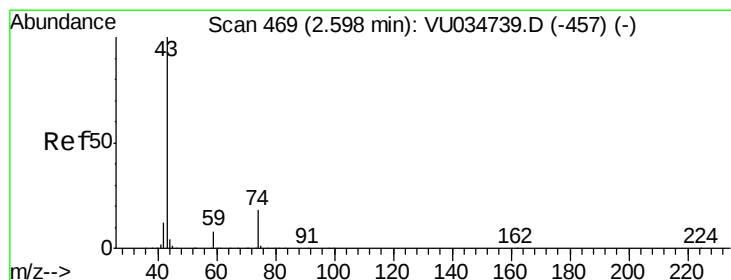
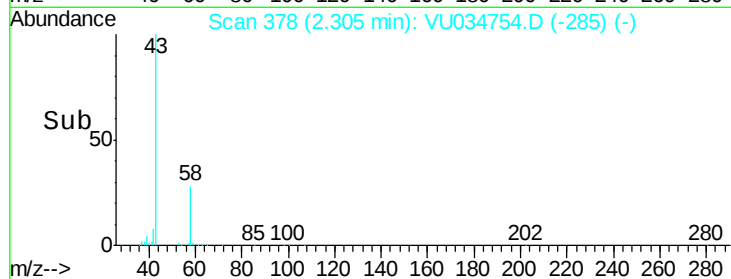
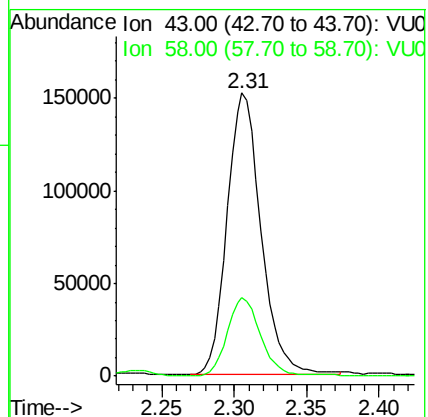
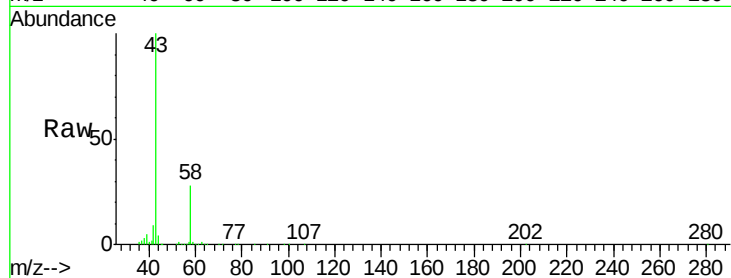
BFDJ9

Tot Ion: 43 Resp: 246168

Ion Ratio Lower Upper

43 100

58 27.3 0.0 53.4



#15

Methyl Acetate

Concen: 0.966 ug/L

RT: 2.60 min Scan# 471

Delta R.T. 0.01 min

Lab File: VU034754.D

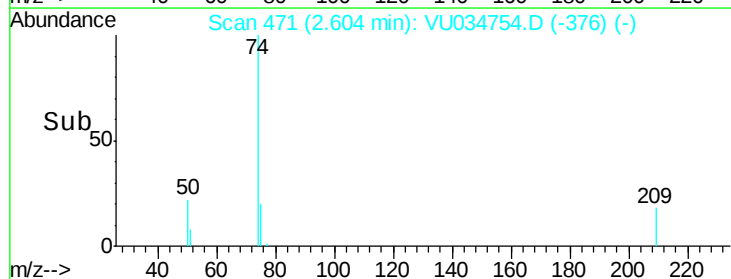
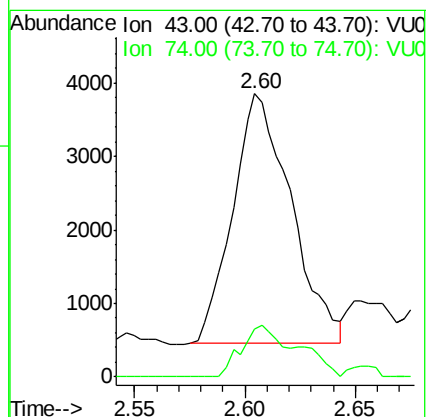
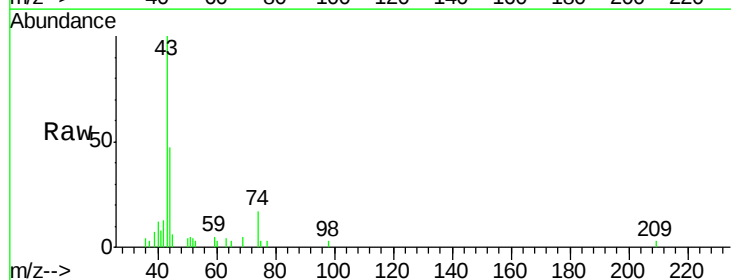
Acq: 23 Sep 2019 23:40

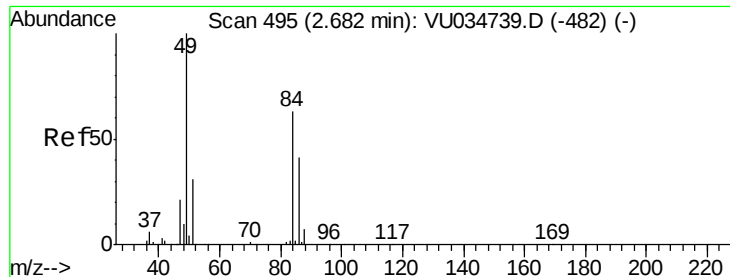
Tgt Ion: 43 Resp: 6232

Ion Ratio Lower Upper

43 100

74 14.2 14.4 21.6#

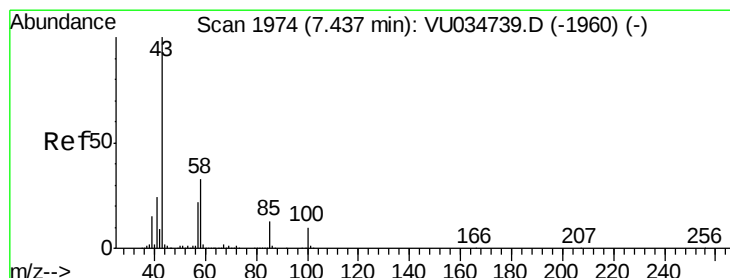
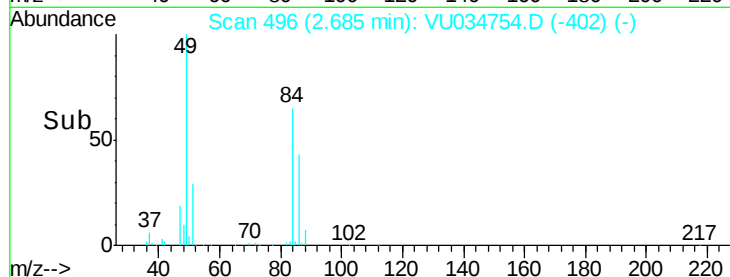
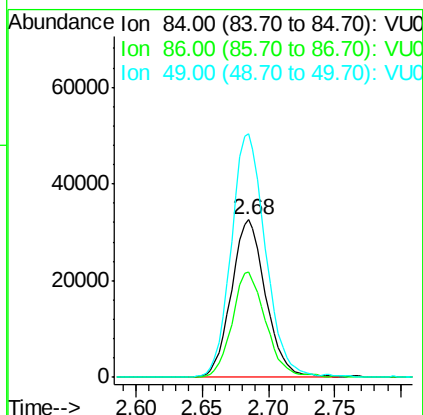
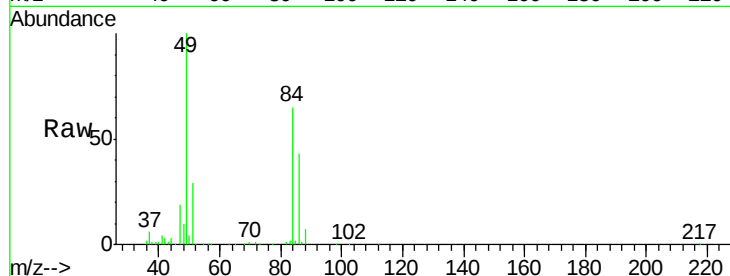




#16
Methylene chloride
Concen: 13.396 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034754.D
Acq: 23 Sep 2019 23:40

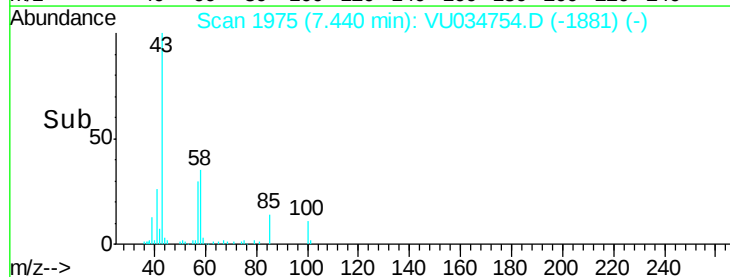
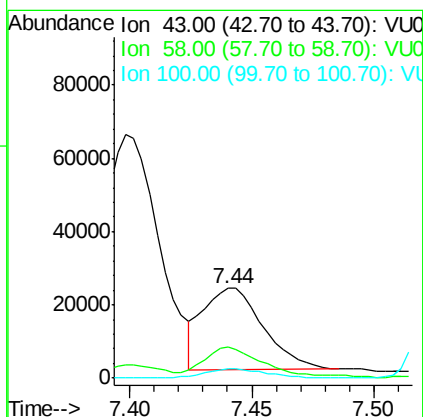
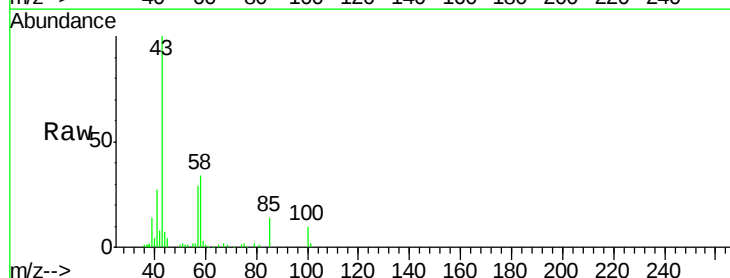
Instrument :
MSVOA_U
ClientSampled :
BFDJ9

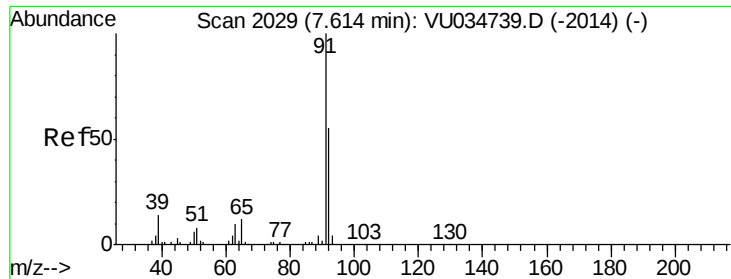
Tot Ion: 84 Resp: 58751
Ion Ratio Lower Upper
84 100
86 66.6 43.0 80.0
49 154.3 109.7 203.7



#40
4-Methyl-2-pentanone
Concen: 3.923 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU034754.D
Acq: 23 Sep 2019 23:40

Tgt Ion: 43 Resp: 38592
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8
100 11.5 7.7 11.5#





#42

Toluene

Concen: 1.005 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU034754.D

Acq: 23 Sep 2019 23:40

Instrument :

MSVOA_U

ClientSampleId :

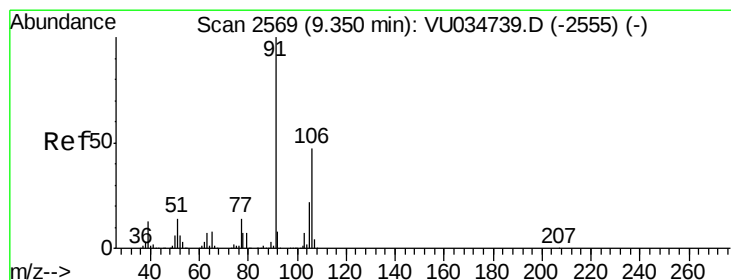
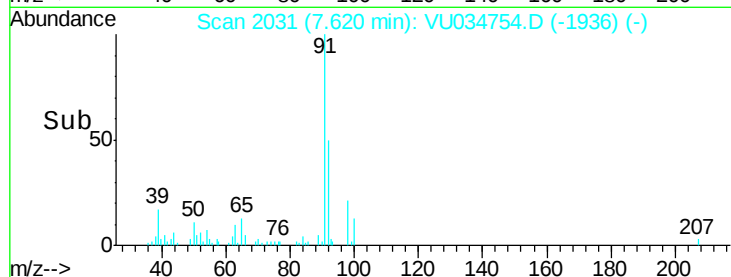
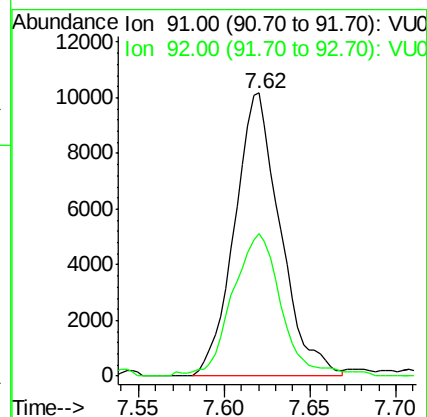
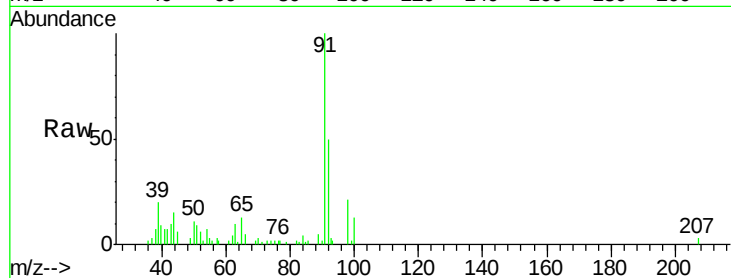
BFDJ9

Tot Ion: 91 Resp: 18791

Ion Ratio Lower Upper

91 100

92 50.2 38.2 71.0



#53

m,p-Xylene

Concen: 0.953 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU034754.D

Acq: 23 Sep 2019 23:40

Tgt Ion: 106 Resp: 7110

Ion Ratio Lower Upper

106 100

91 221.9 146.9 272.7

