

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035312.D
 Acq On : 19 Oct 2019 12:41
 Operator : JC/SP
 Sample : K5344-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L5

Quant Time: Oct 21 06:13:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 05:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	681347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	657725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	285363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	281288	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.98%
7) Chloroethane-d5	1.93	69	241010	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.59	63	360699	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	4.70	46	383409	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	5.11	84	441994	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.75	65	300645	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.77	84	943407	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.74	67	303030	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.98%
41) Toluene-d8	7.93	98	869612	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	8.21	79	147695	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.08%
47) 2-Hexanone-d5	8.68	63	272337	101.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	417672	46.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	311230	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%

Target Compounds

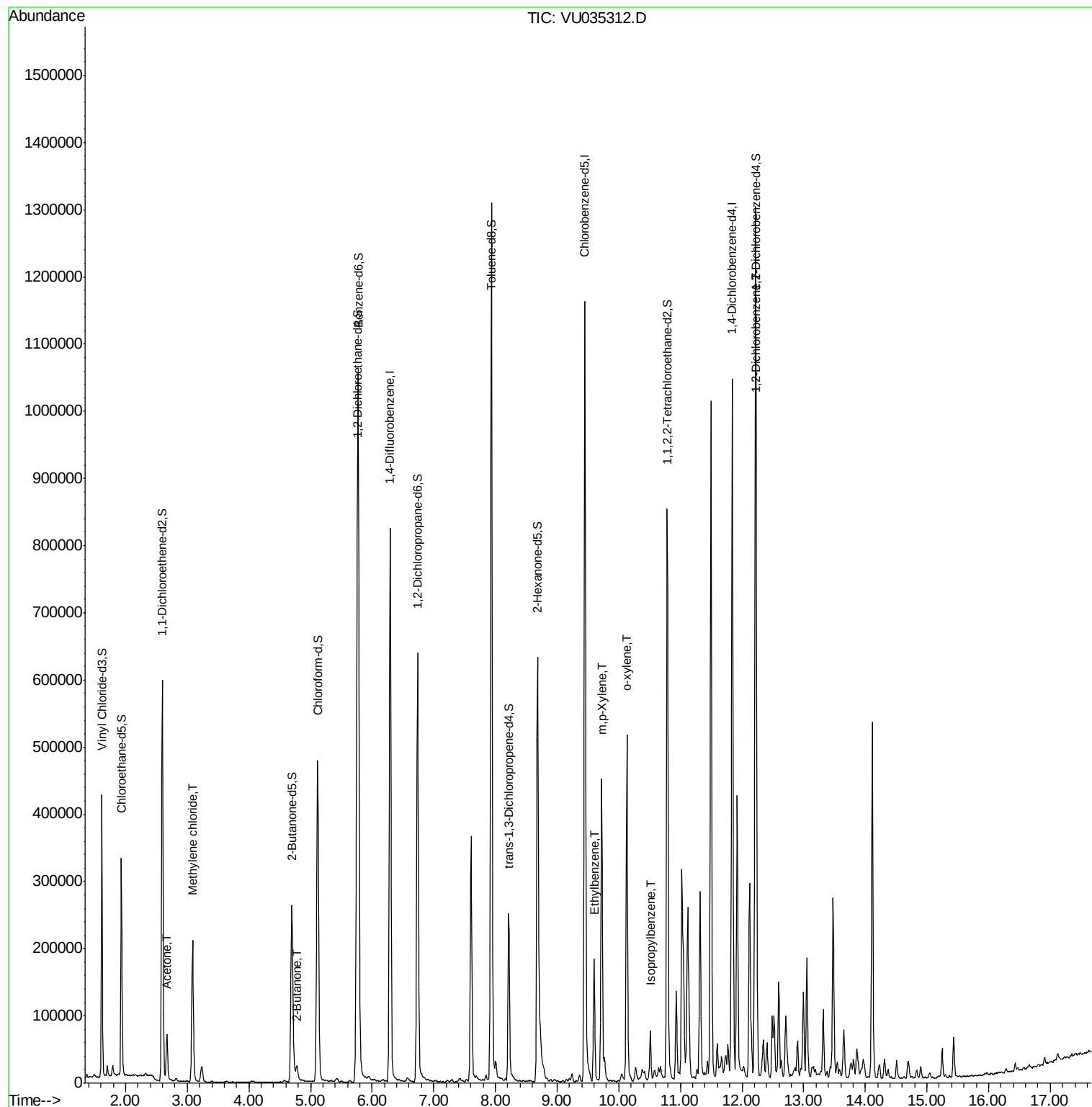
					Qvalue
13) Acetone	2.67	43	76922	22.207 ug/L	99
16) Methylene chloride	3.09	84	102867	20.767 ug/L	99
22) 2-Butanone	4.78	43	23996	5.725 ug/L	92
52) Ethylbenzene	9.60	91	128935	5.683 ug/L	100
53) m,p-Xylene	9.72	106	130225	15.571 ug/L	100
54) o-xylene	10.13	106	136967	16.511 ug/L	99
56) Isopropylbenzene	10.51	105	47079	2.192 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	45436	4.909 ug/L	95

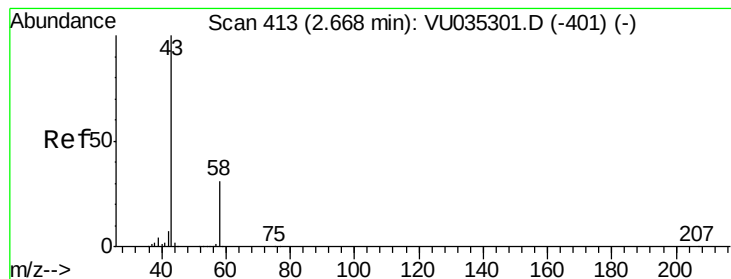
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L5

Quant Time: Oct 21 06:13:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.207 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

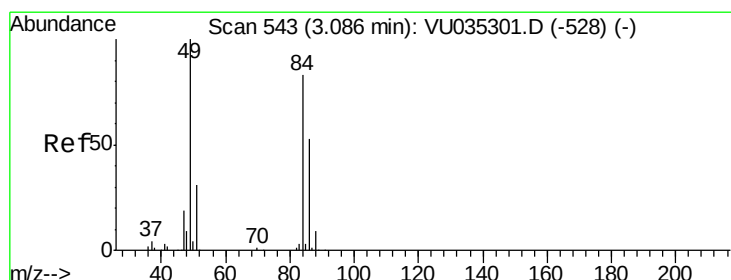
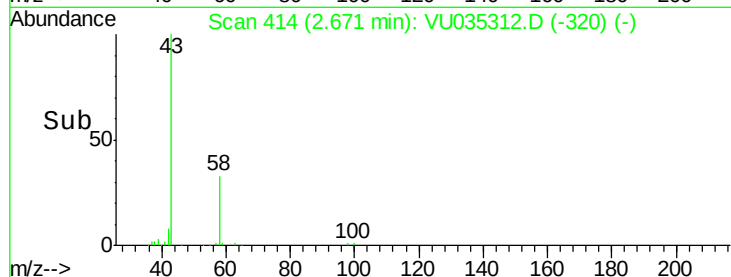
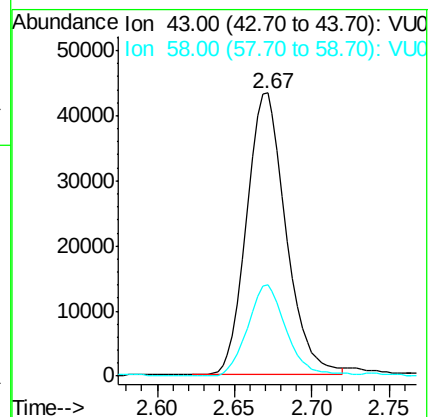
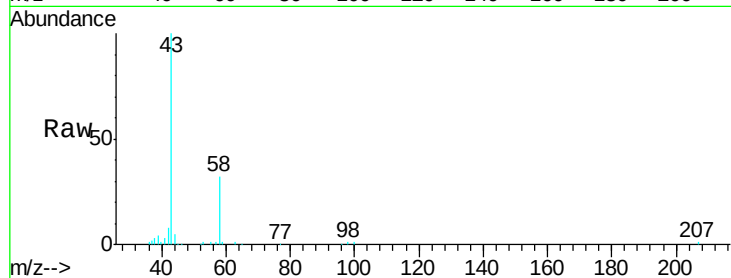
BF6L5

Tgt Ion: 43 Resp: 76922

Ion Ratio Lower Upper

43 100

58 32.1 0.0 62.8



#16

Methylene chloride

Concen: 20.767 ug/L

RT: 3.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

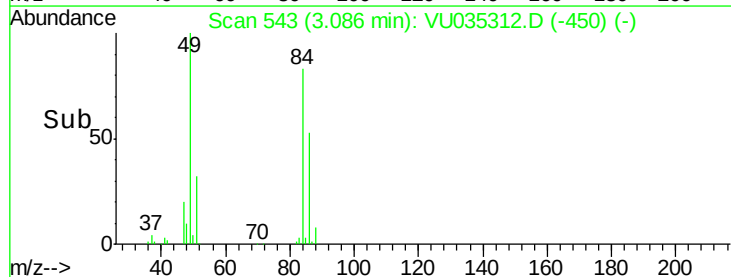
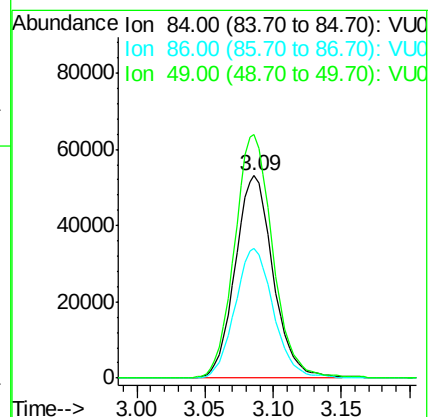
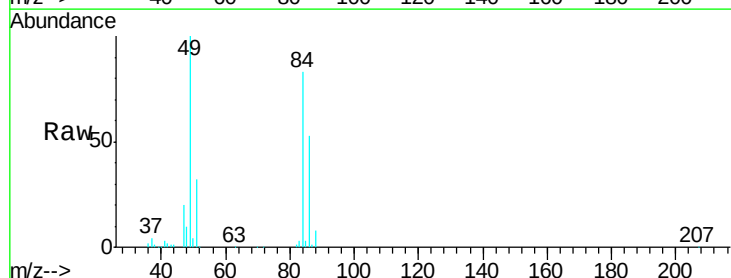
Tgt Ion: 84 Resp: 102867

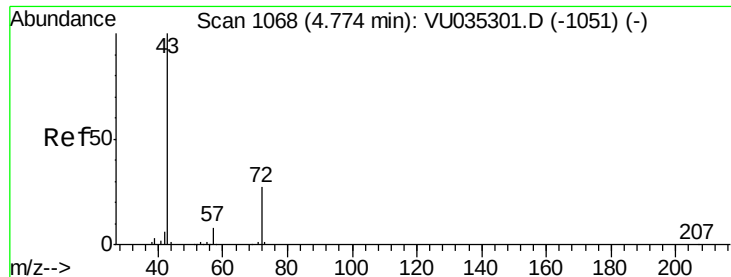
Ion Ratio Lower Upper

84 100

86 64.3 44.4 82.5

49 120.4 84.0 156.0





#22

2-Butanone

Concen: 5.725 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

Instrument :

MSVOA_U

ClientSampled :

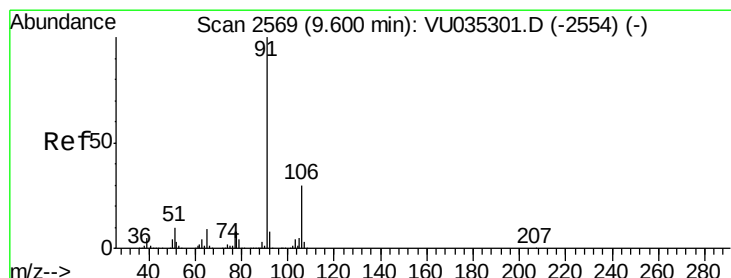
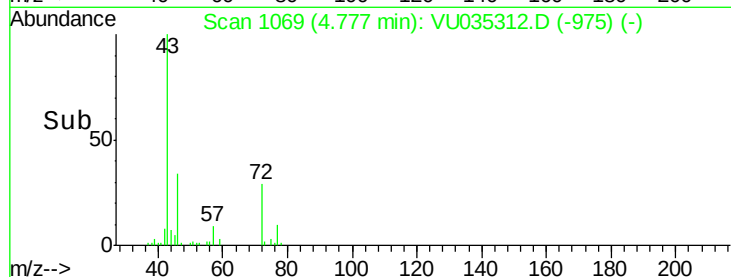
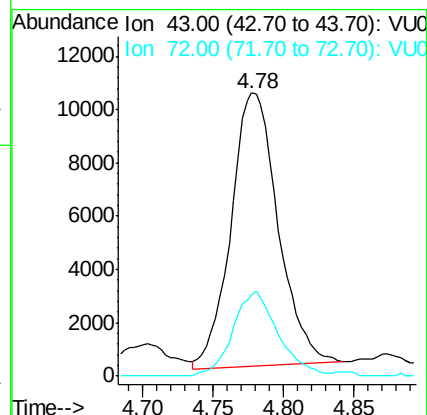
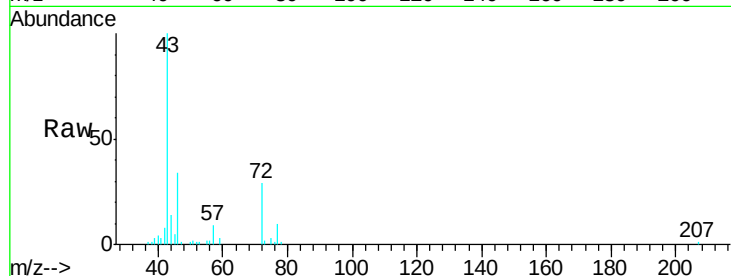
BF6L5

Tgt Ion: 43 Resp: 23996

Ion Ratio Lower Upper

43 100

72 29.7 12.9 38.6



#52

Ethylbenzene

Concen: 5.683 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035312.D

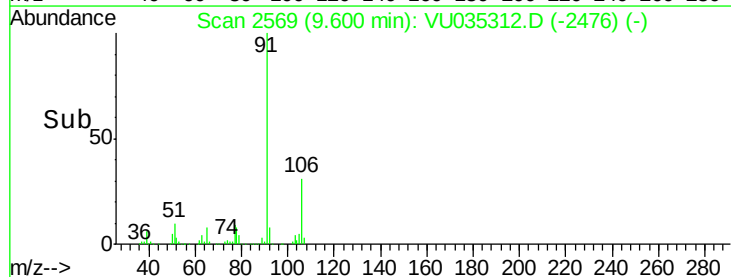
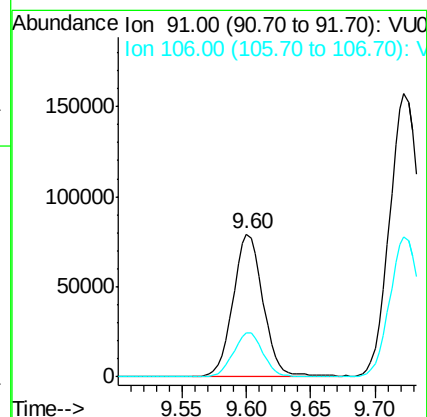
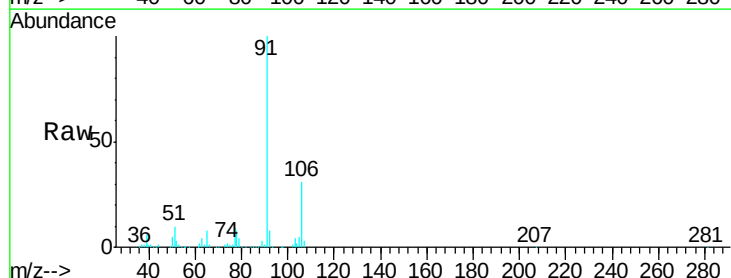
Acq: 19 Oct 2019 12:41

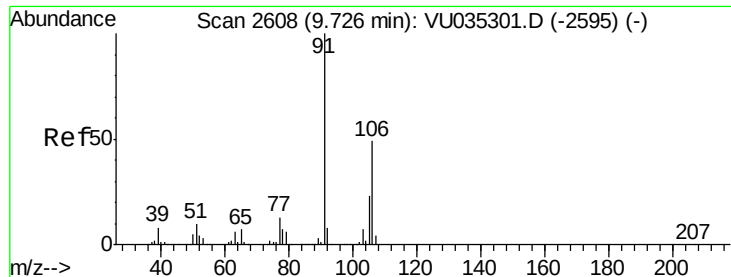
Tgt Ion: 91 Resp: 128935

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6





#53

m,p-Xylene

Concen: 15.571 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

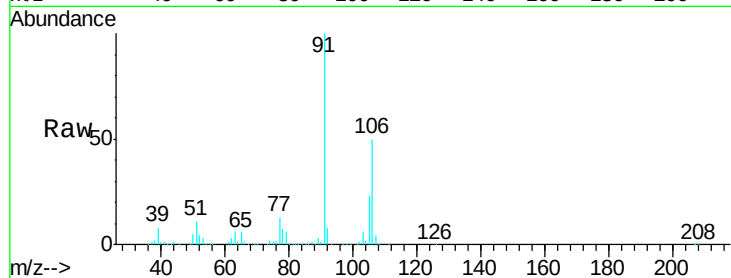
BF6L5

Tgt Ion:106 Resp: 130225

Ion Ratio Lower Upper

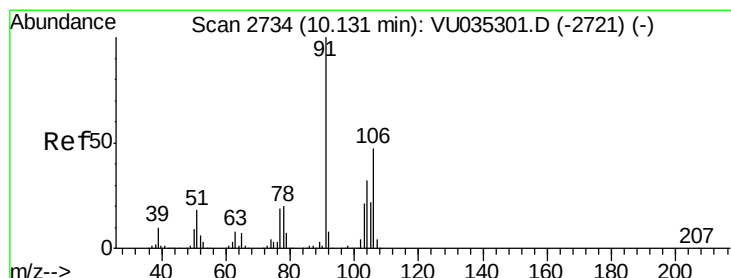
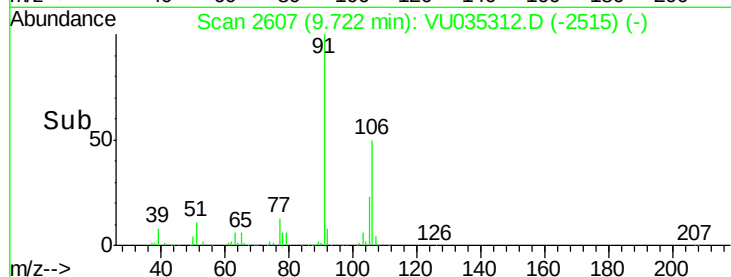
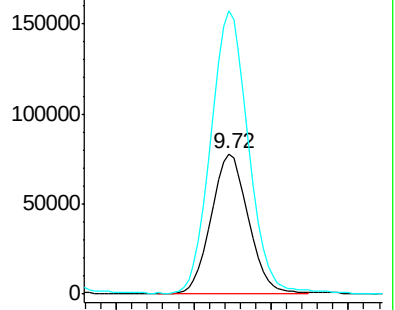
106 100

91 201.9 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 16.511 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035312.D

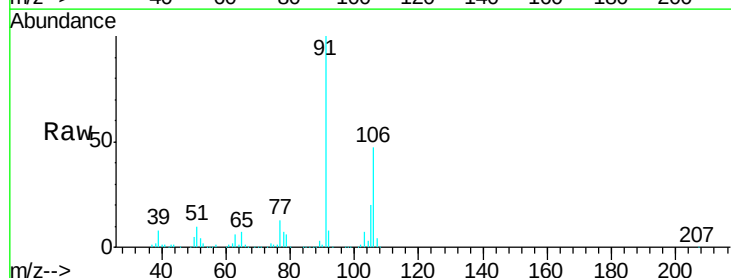
Acq: 19 Oct 2019 12:41

Tgt Ion:106 Resp: 136967

Ion Ratio Lower Upper

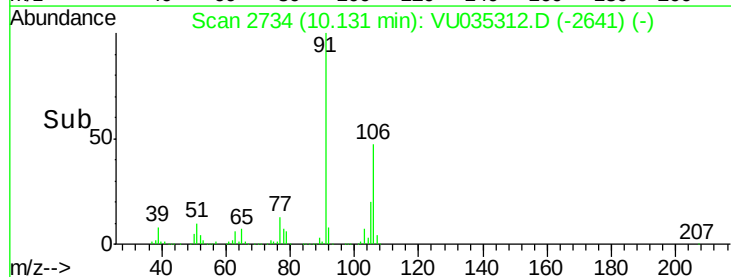
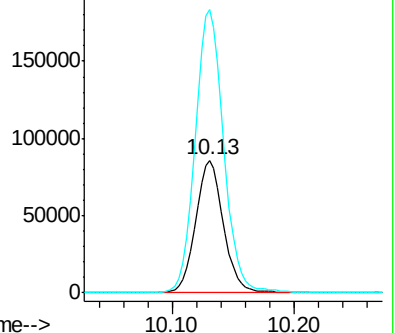
106 100

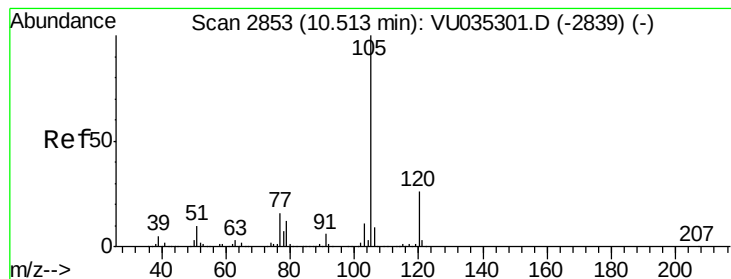
91 213.4 150.6 279.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 2.192 ug/L

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

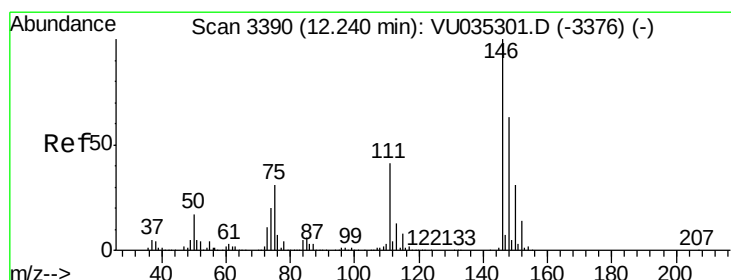
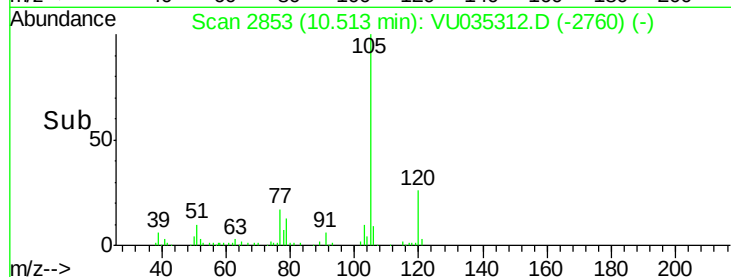
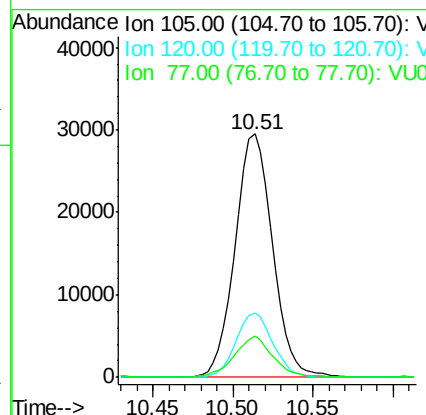
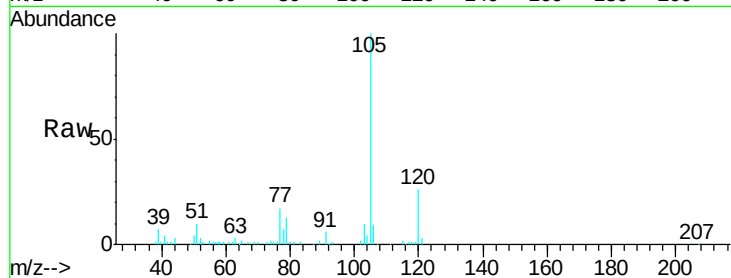
Instrument :

MSVOA_U

ClientSampleId :

BF6L5

Tgt Ion:	105	Resp:	47079
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.1	31.7
77	17.4	12.7	19.1



#65

1,2-Dichlorobenzene

Concen: 4.909 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VU035312.D

Acq: 19 Oct 2019 12:41

Tgt Ion:	146	Resp:	45436
Ion	Ratio	Lower	Upper
146	100		
111	45.5	32.8	49.2
148	65.2	50.2	75.4

