

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026315.D
 Acq On : 23 Aug 2018 21:46
 Operator : MD/SY
 Sample : J4598-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:08:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	284853	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80045	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.68	69	67700	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.27	63	122828	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	4.18	46	138832	100.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.65	84	185909	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.31	65	124235	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
32) Benzene-d6	5.35	84	361210	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	118588	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	7.57	98	325470	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	7.85	79	56197	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.31	63	93087	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166189	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	161624	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

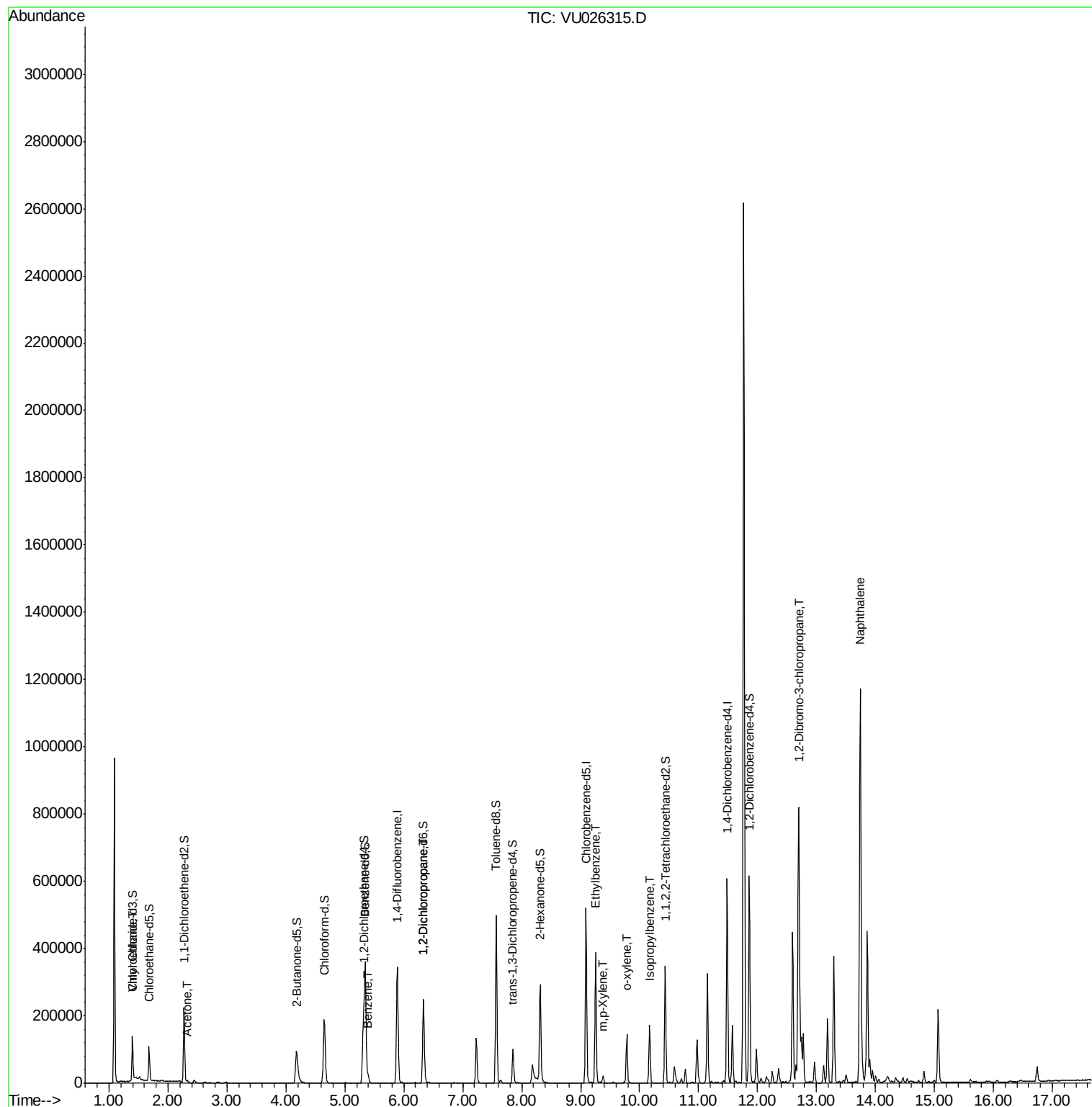
					Ovalue
8) Chloroethane	1.40	64	1900	1.595 ug/L	94
13) Acetone	2.32	43	5005	4.664 ug/L	98
33) Benzene	5.39	78	22460	2.917 ug/L	100
37) 1,2-Dichloropropane	6.33	63	13296	6.318 ug/L #	88
52) Ethylbenzene	9.25	91	260497	29.191 ug/L	99
53) m,p-Xylene	9.38	106	5812	1.685 ug/L	83
54) o-xylene	9.78	106	37874	11.257 ug/L	96
56) Isopropylbenzene	10.17	105	105181	12.051 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.70	75	18970	23.475 ug/L #	1
69) Naphthalene	13.74	128	846941	90.209 ug/L	99

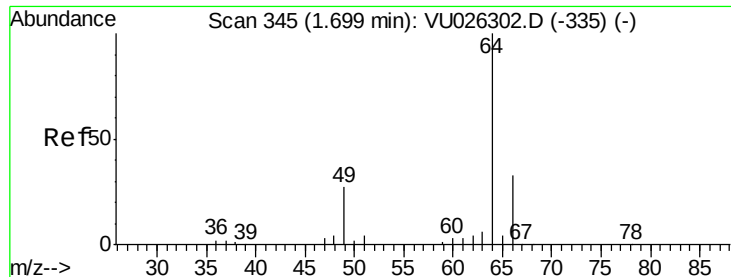
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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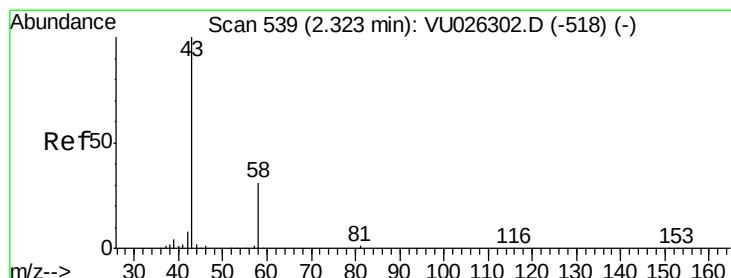
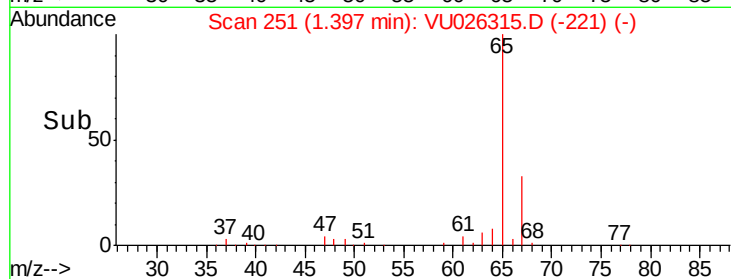
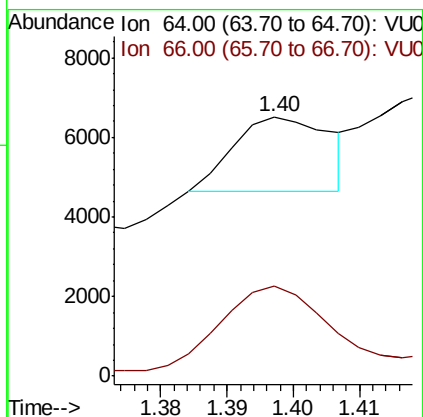
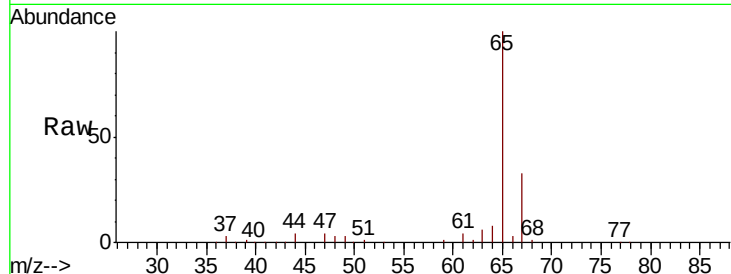




#8
 Chloroethane
 Concen: 1.595 ug/L
 RT: 1.40 min Scan# 251
 Delta R.T. -0.30 min
 Lab File: VU026315.D
 Acq: 23 Aug 2018 21:46

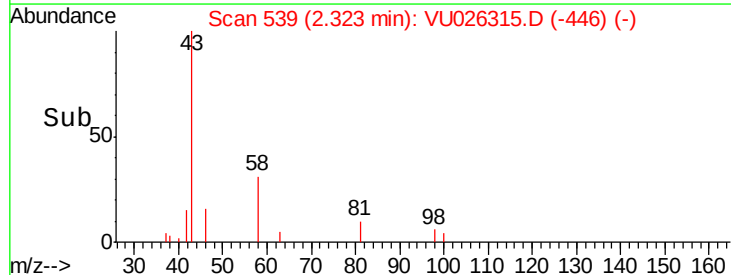
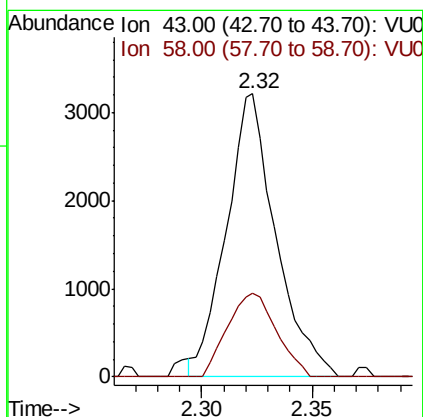
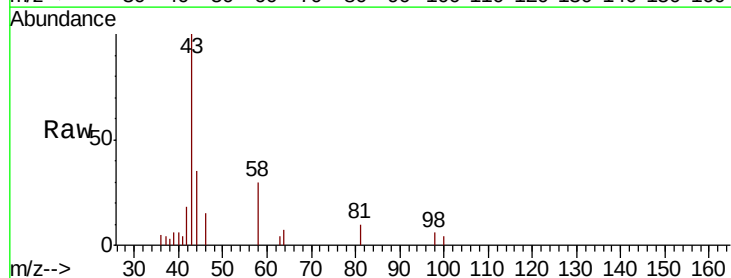
Instrument :
 MSVOA_U
 ClientSampled :

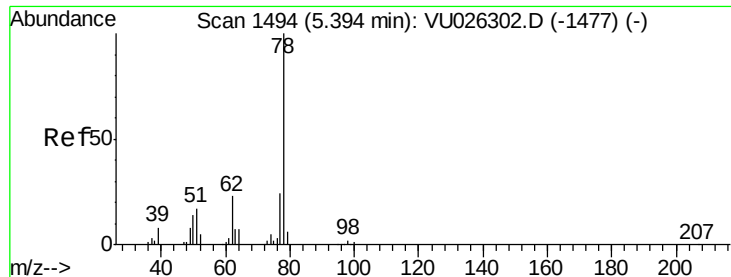
Tot Ion: 64 Resp: 1900
 Ion Ratio Lower Upper
 64 100
 66 34.8 21.9 40.7



#13
 Acetone
 Concen: 4.664 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026315.D
 Acq: 23 Aug 2018 21:46

Tgt Ion: 43 Resp: 5005
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 61.2

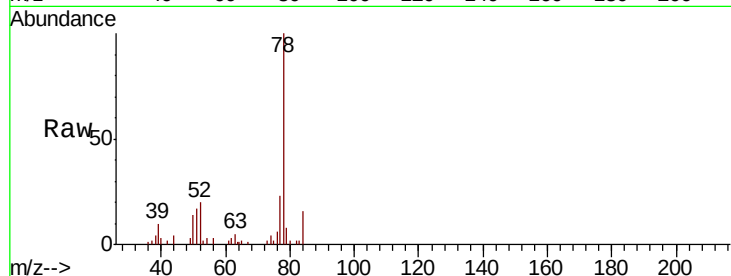




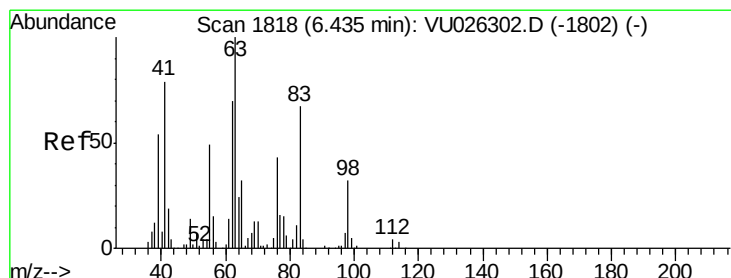
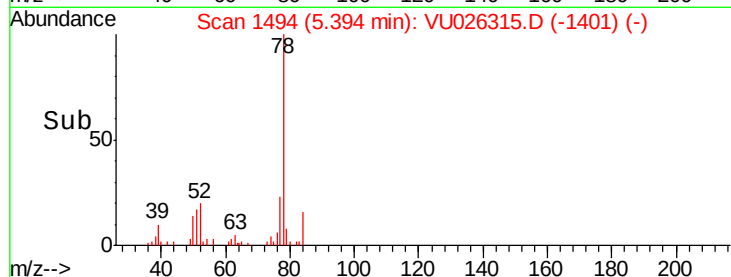
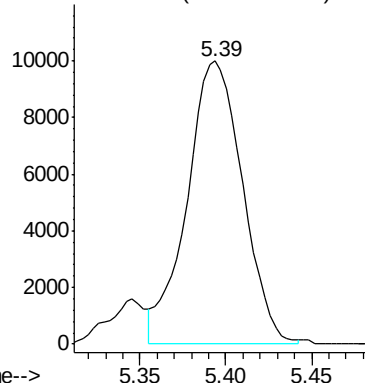
#33
Benzene
Concen: 2.917 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU026315.D
Acq: 23 Aug 2018 21:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 22460

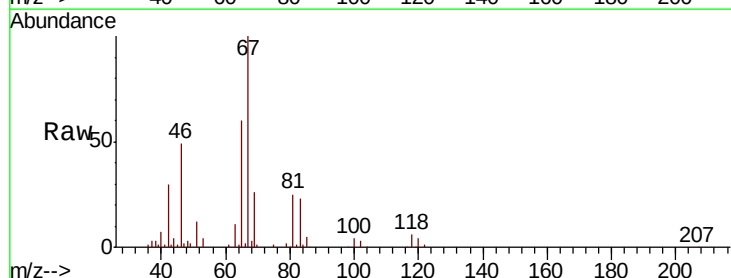


Abundance Ion 78.00 (77.70 to 78.70): VU0

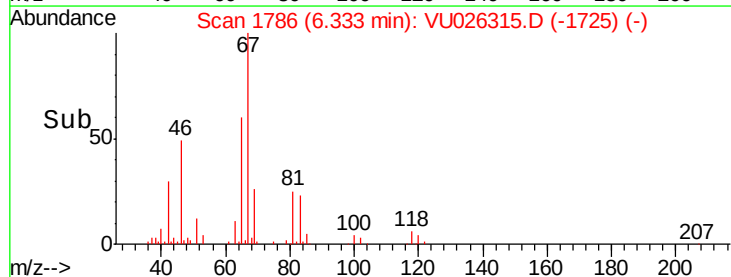
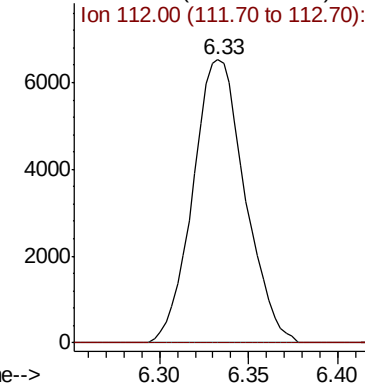


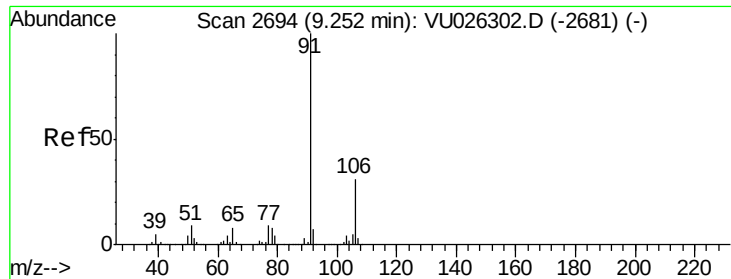
#37
1,2-Dichloropropane
Concen: 6.318 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026315.D
Acq: 23 Aug 2018 21:46

Tgt Ion: 63 Resp: 13296
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0





#52

Ethylbenzene

Concen: 29.191 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU026315.D

Acq: 23 Aug 2018 21:46

Instrument :

MSVOA_U

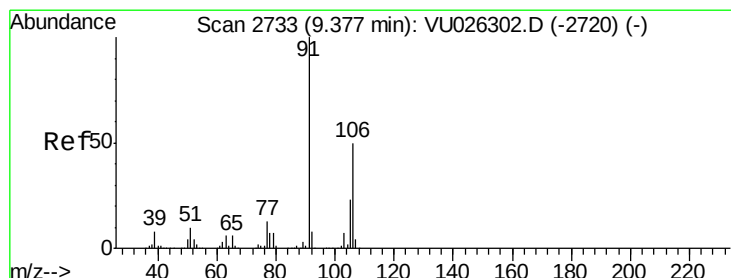
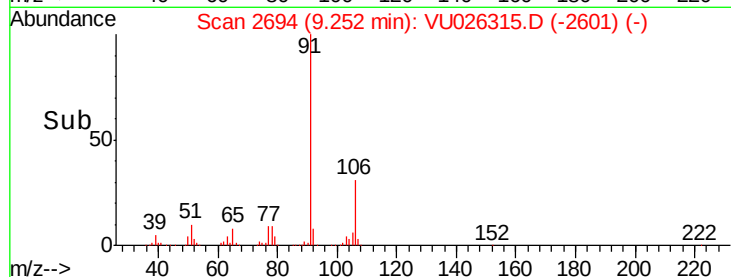
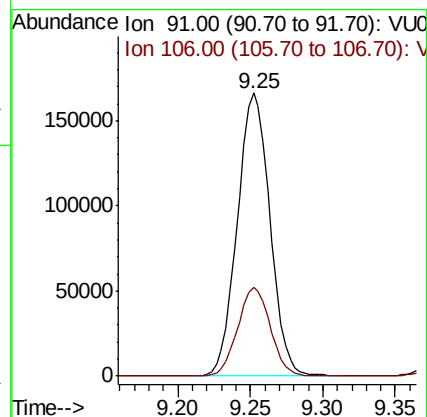
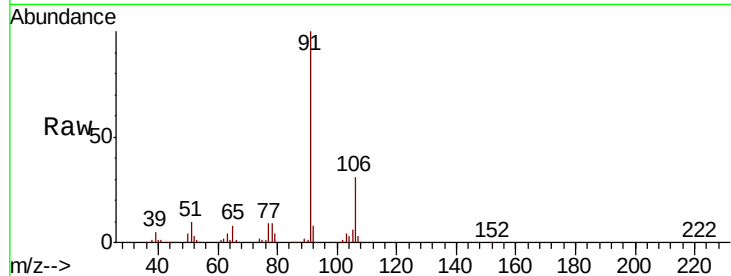
ClientSampleId :

Tot Ion: 91 Resp: 260497

Ion Ratio Lower Upper

91 100

106 31.4 22.3 41.5



#53

m,p-Xylene

Concen: 1.685 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026315.D

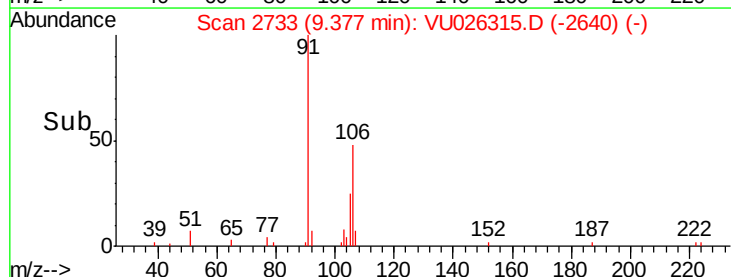
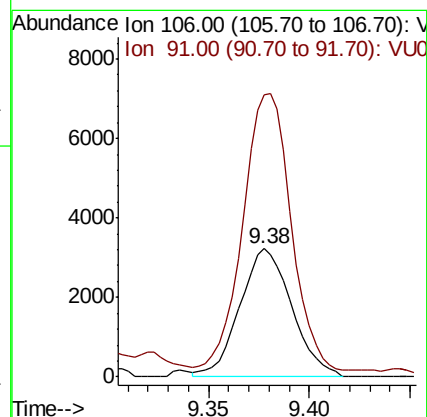
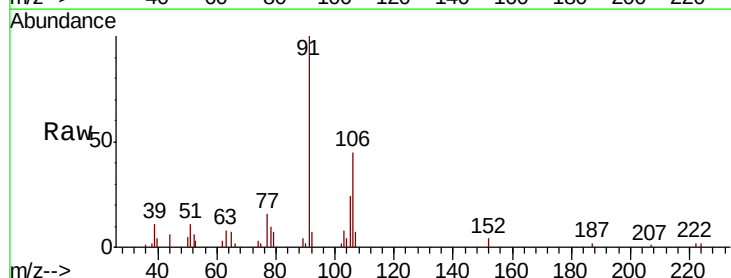
Acq: 23 Aug 2018 21:46

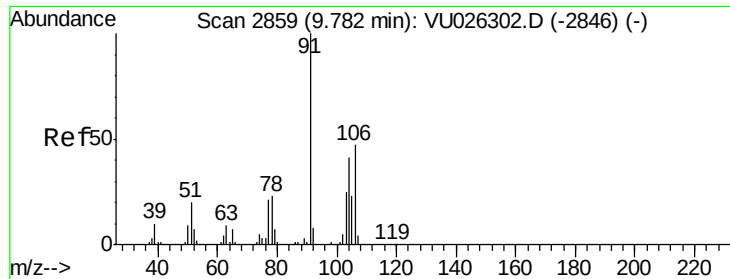
Tgt Ion: 106 Resp: 5812

Ion Ratio Lower Upper

106 100

91 220.9 136.6 253.8





#54

o-xylene

Concen: 11.257 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU026315.D

Acq: 23 Aug 2018 21:46

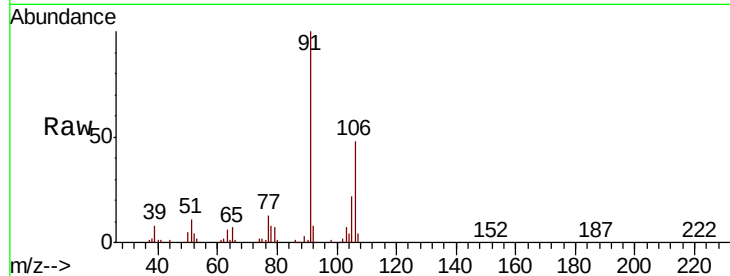
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 37874

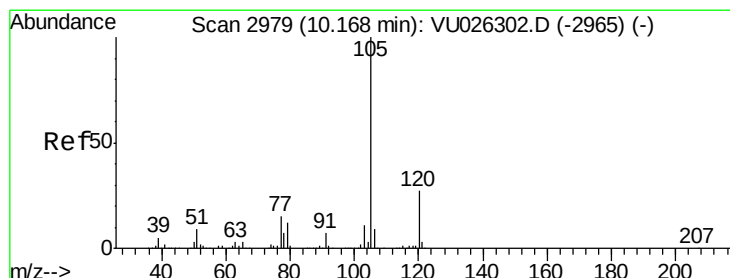
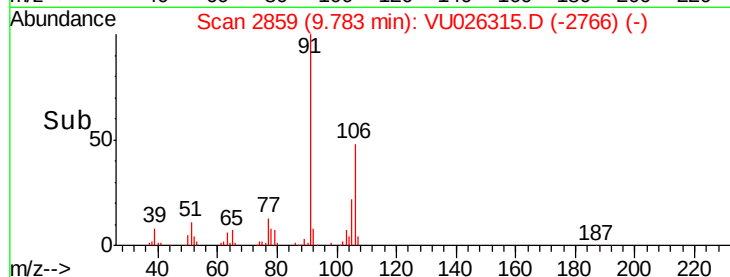
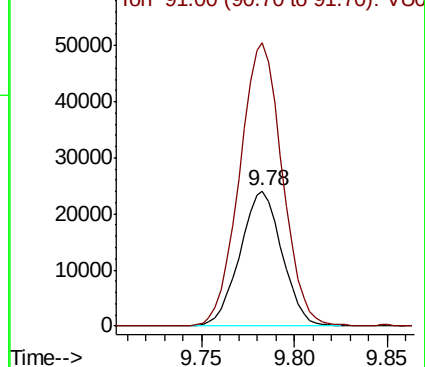
Ion Ratio Lower Upper

106 100

91 209.6 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 12.051 ug/L

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026315.D

Acq: 23 Aug 2018 21:46

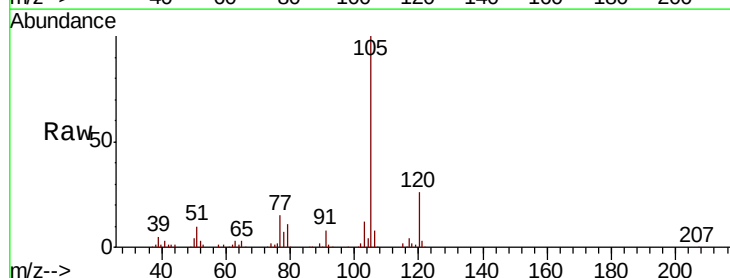
Tgt Ion:105 Resp: 105181

Ion Ratio Lower Upper

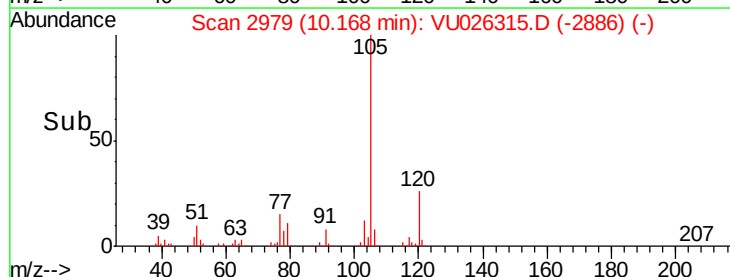
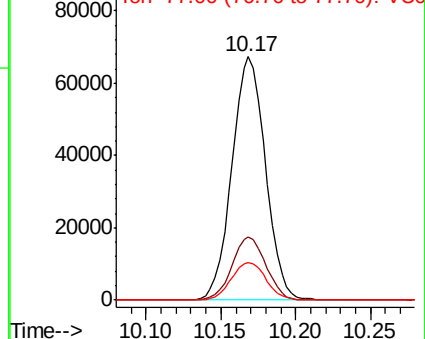
105 100

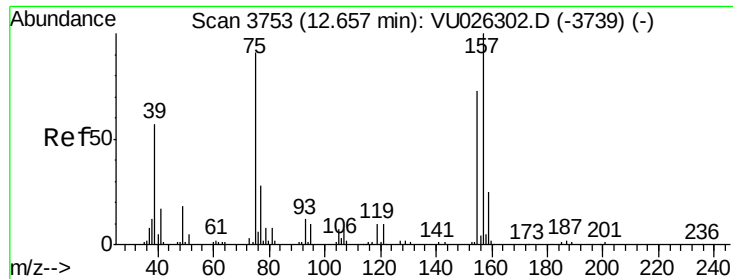
120 26.1 21.9 32.9

77 15.9 12.4 18.6



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

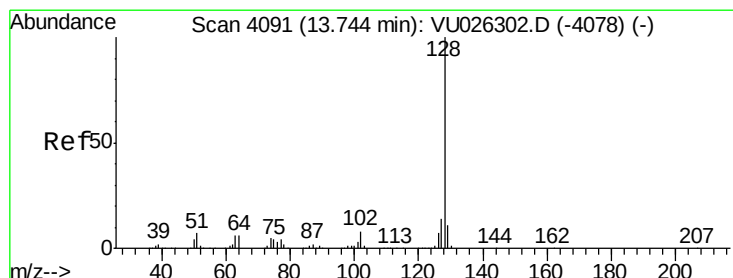
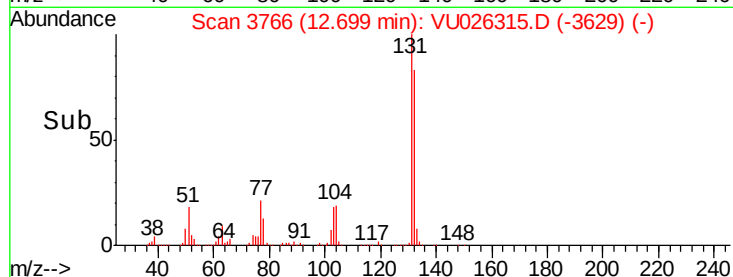
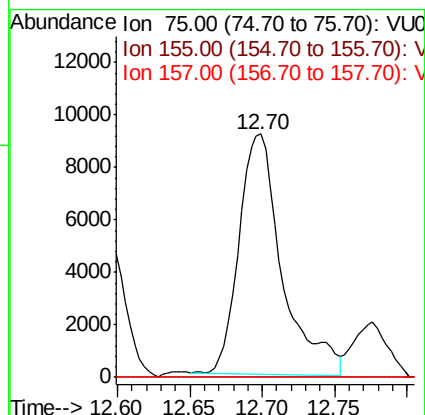
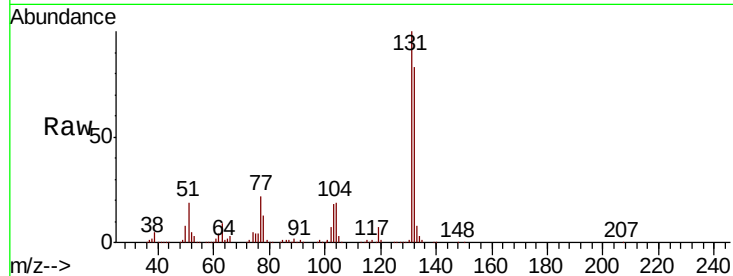




#66
 1,2-Dibromo-3-chloropropane
 Concen: 23.475 ug/L
 RT: 12.70 min Scan# 3766
 Delta R.T. 0.04 min
 Lab File: VU026315.D
 Acq: 23 Aug 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.0	97.6#
157	0.0	87.5	131.3#



#69
 Naphthalene
 Concen: 90.209 ug/L
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU026315.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.4	12.6

