

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026366.D
 Acq On : 25 Aug 2018 13:20
 Operator : MD/SY
 Sample : J4644-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOL8MS

Quant Time: Aug 27 02:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	323502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	322293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99685	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.04%
7) Chloroethane-d5	1.68	69	80208	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.27	63	197498	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.84%
21) 2-Butanone-d5	4.18	46	142839	90.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	4.65	84	205972	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
26) 1,2-Dichloroethane-d4	5.31	65	136821	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.35	84	401429	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.33	67	129927	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.86%
41) Toluene-d8	7.57	98	370662	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%
43) trans-1,3-Dichloropropene-	7.85	79	64277	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.31	63	107107	90.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	179591	43.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	161450	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

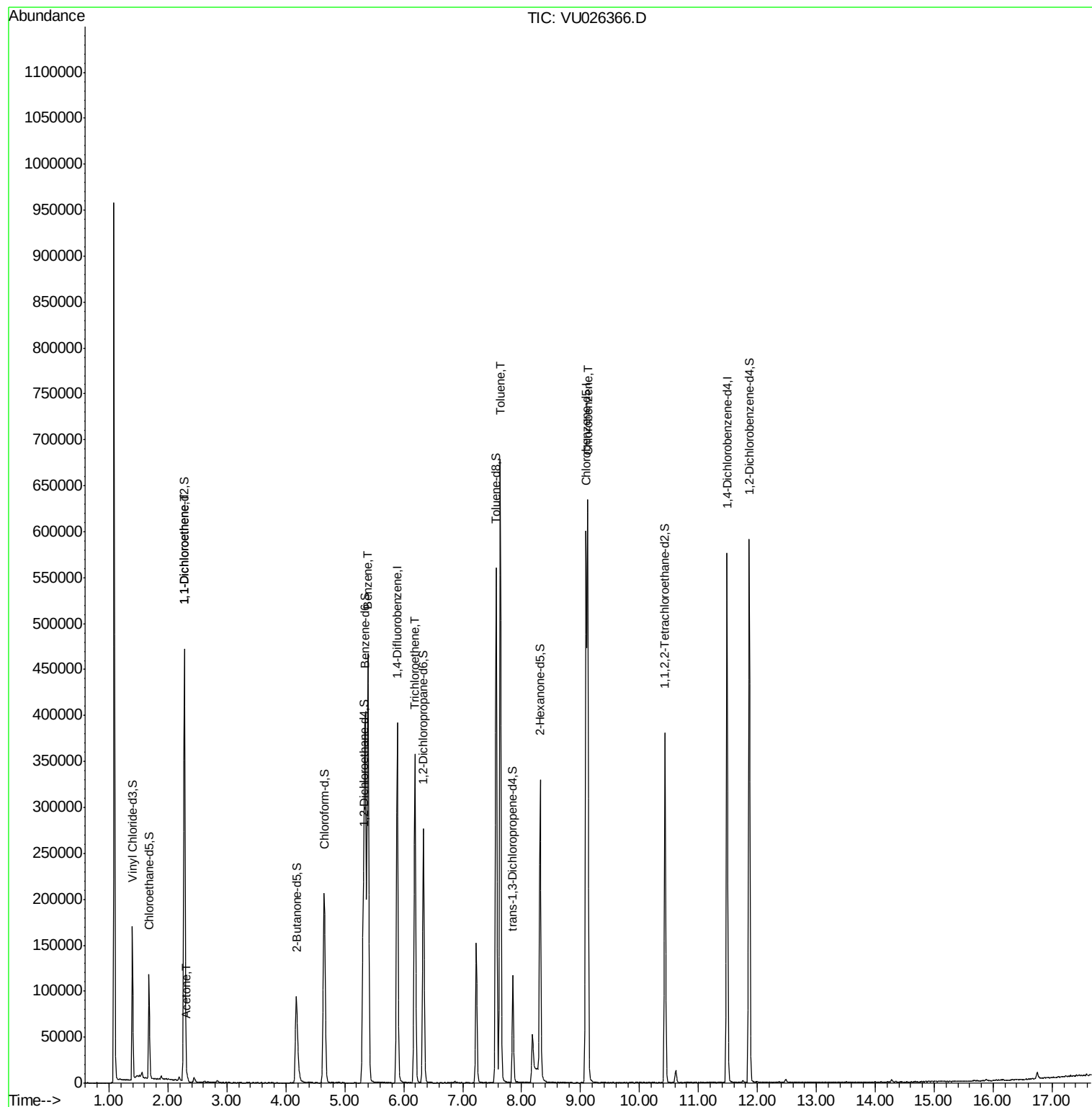
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.28	96	94805	55.68	ug/L	91
13) Acetone	2.32	43	4316	3.54	ug/L	94
33) Benzene	5.39	78	460444	52.40	ug/L	100
34) Trichloroethene	6.19	95	122974	52.93	ug/L	97
42) Toluene	7.64	91	497628	53.23	ug/L	99
51) Chlorobenzene	9.12	112	328290	51.34	ug/L	98

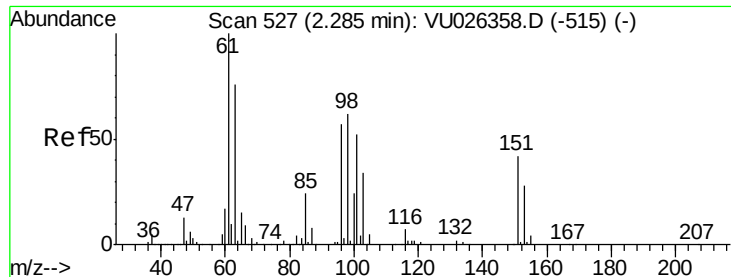
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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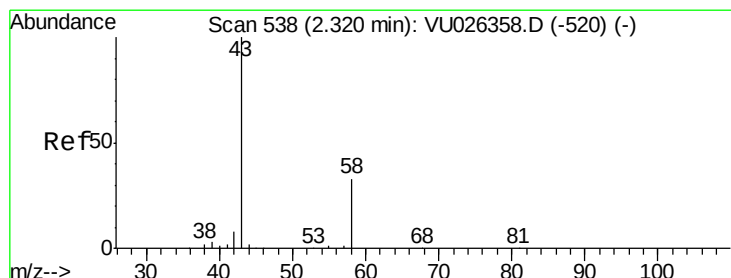
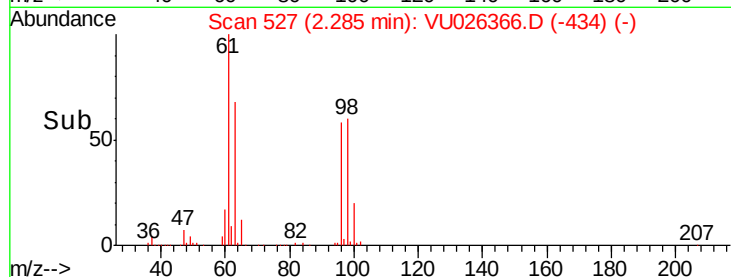
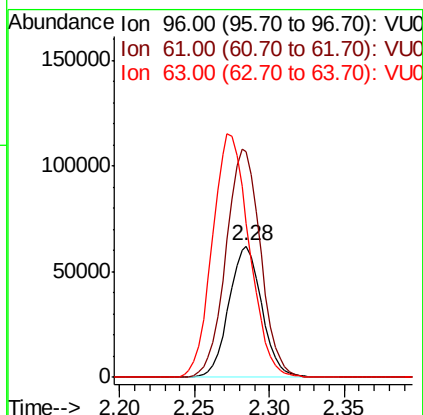
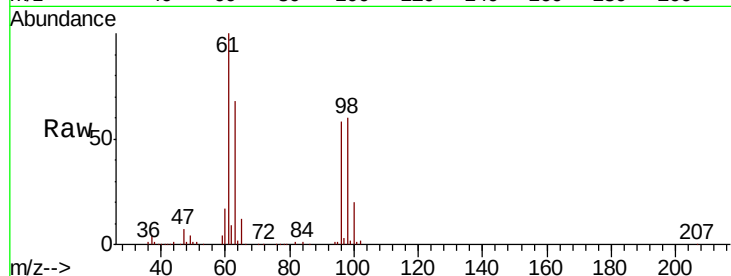




#12
 1,1-Dichloroethene
 Concen: 55.68 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU026366.D
 Acq: 25 Aug 2018 13:20

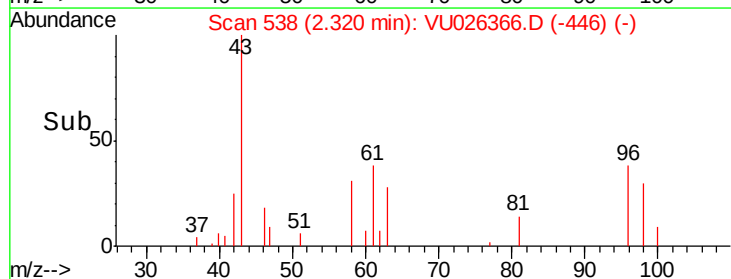
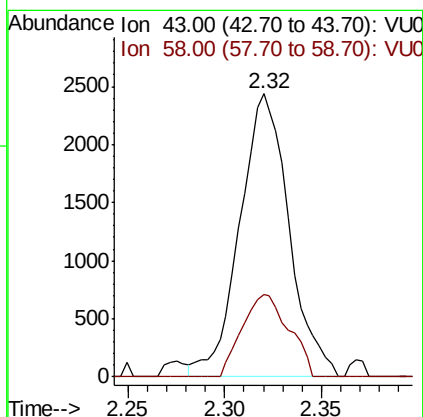
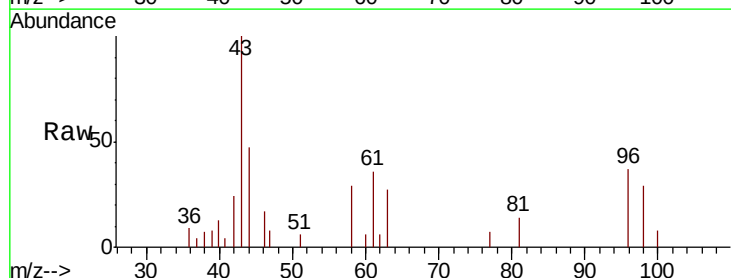
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 MSVOA_U
 ClientSampleId :
 ETOL8MS

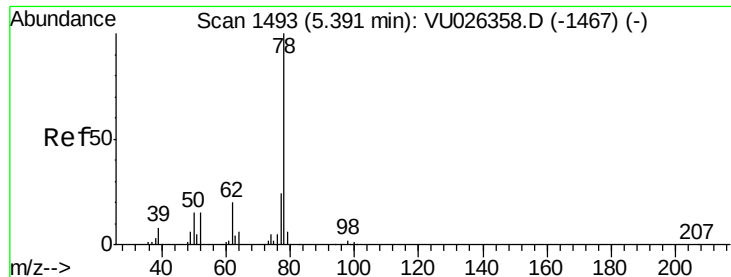
Tot Ion	96	Resp	94805
Ion	Ratio	Lower	Upper
96	100		
61	171.2	124.7	231.5
63	116.7	93.7	174.1



#13
 Acetone
 Concen: 3.54 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU026366.D
 Acq: 25 Aug 2018 13:20

Tgt Ion	43	Resp	4316
Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	61.2





#33

Benzene

Concen: 52.40 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VU026366.D

Acq: 25 Aug 2018 13:20

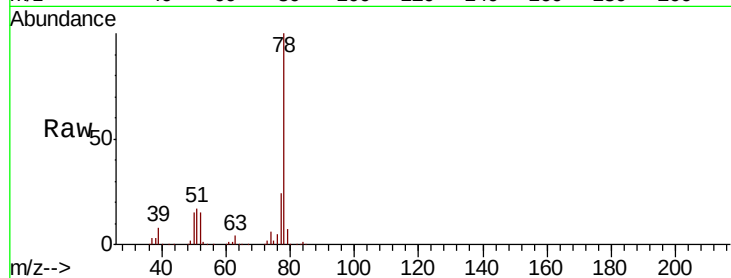
Instrument :

MSVOA_U

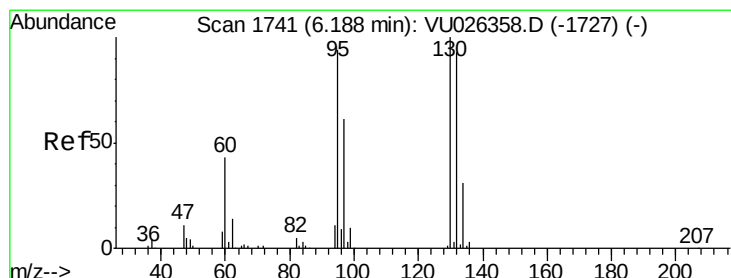
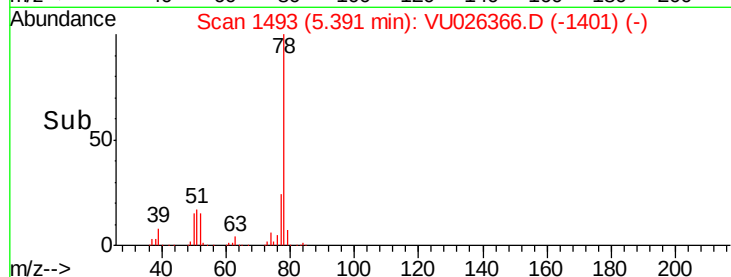
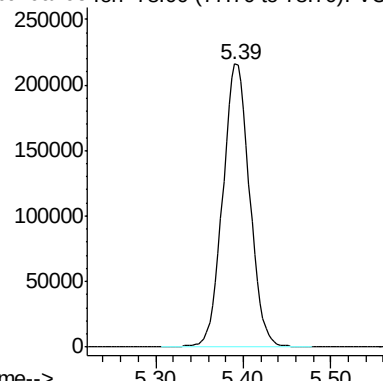
ClientSampleId :

ETOL8MS

Tgt Ion: 78 Resp: 460444



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 52.93 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026366.D

Acq: 25 Aug 2018 13:20

Tgt Ion: 95 Resp: 122974

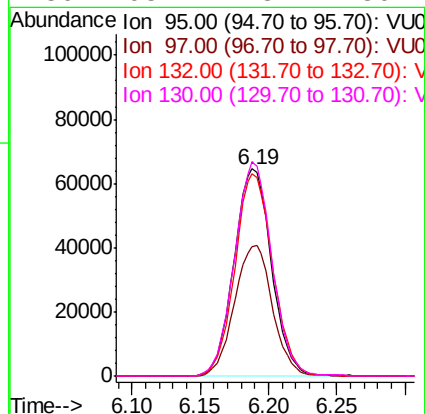
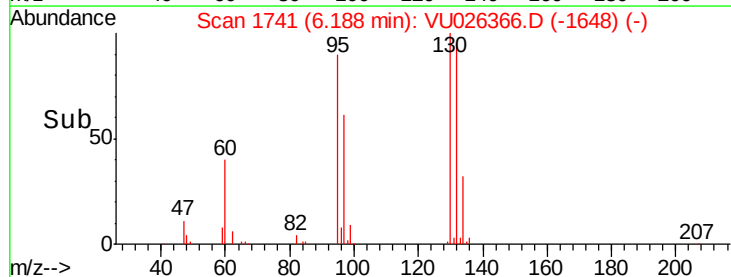
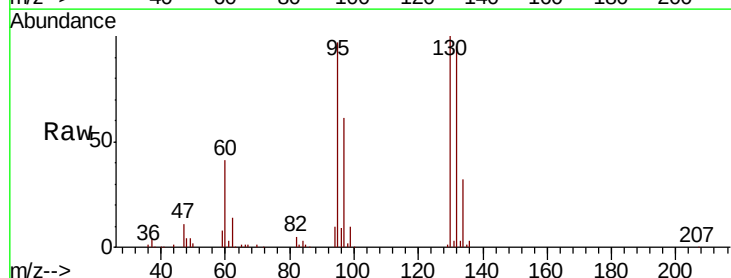
Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.2	87.6
132	97.7	70.2	130.4
130	103.1	73.4	136.4

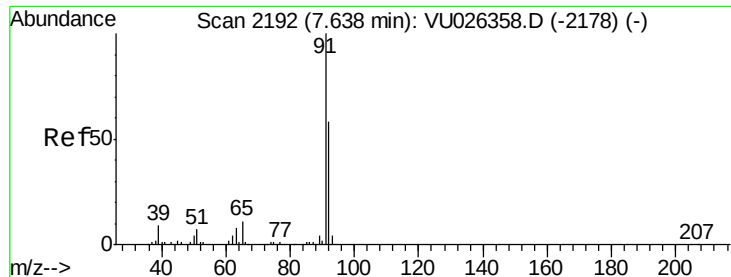
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 53.23 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026366.D

Acq: 25 Aug 2018 13:20

Instrument :

MSVOA_U

ClientSampleId :

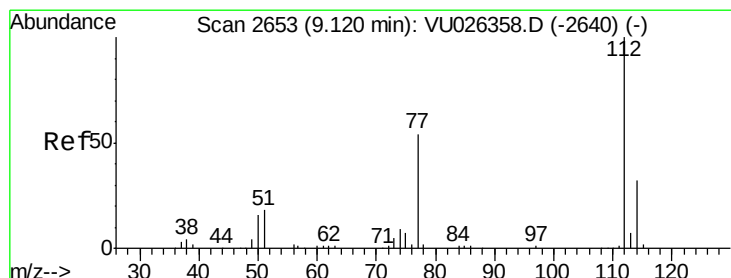
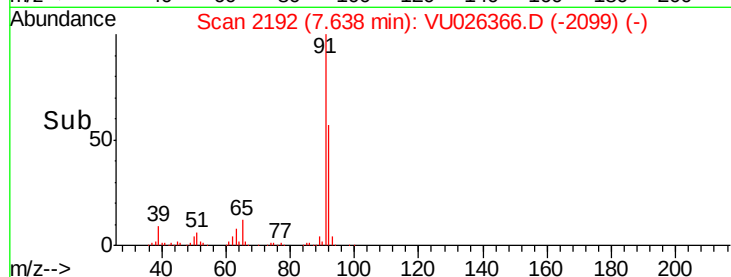
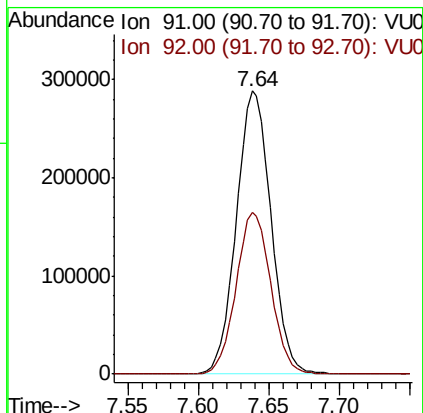
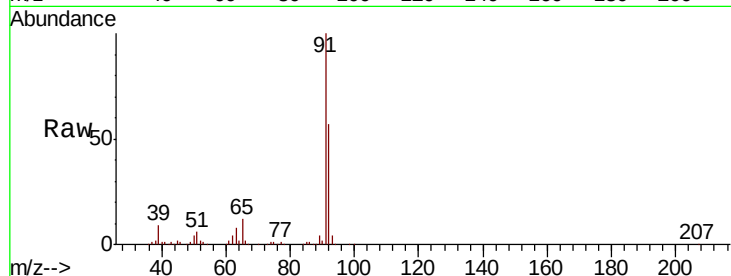
ETOL8MS

Tot Ion: 91 Resp: 497628

Ion Ratio Lower Upper

91 100

92 57.4 39.9 74.1



#51

Chlorobenzene

Concen: 51.34 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026366.D

Acq: 25 Aug 2018 13:20

Tgt Ion: 112 Resp: 328290

Ion Ratio Lower Upper

112 100

114 32.5 22.5 41.9

77 55.2 45.4 68.2

