

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026367.D
 Acq On : 25 Aug 2018 13:43
 Operator : MD/SY
 Sample : J4644-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOL8MSD

Quant Time: Aug 27 02:12:35 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	324408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	325436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99513	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.58%
7) Chloroethane-d5	1.68	69	82888	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.74%
11) 1,1-Dichloroethene-d2	2.27	63	201959	51.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.86%
21) 2-Butanone-d5	4.18	46	145587	92.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.19%
24) Chloroform-d	4.65	84	211804	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.31	65	137628	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.34	84	406512	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.33	67	132522	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.57	98	372359	44.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.50%
43) trans-1,3-Dichloropropene-	7.85	79	64777	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.31	63	113279	94.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180785	43.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	161380	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

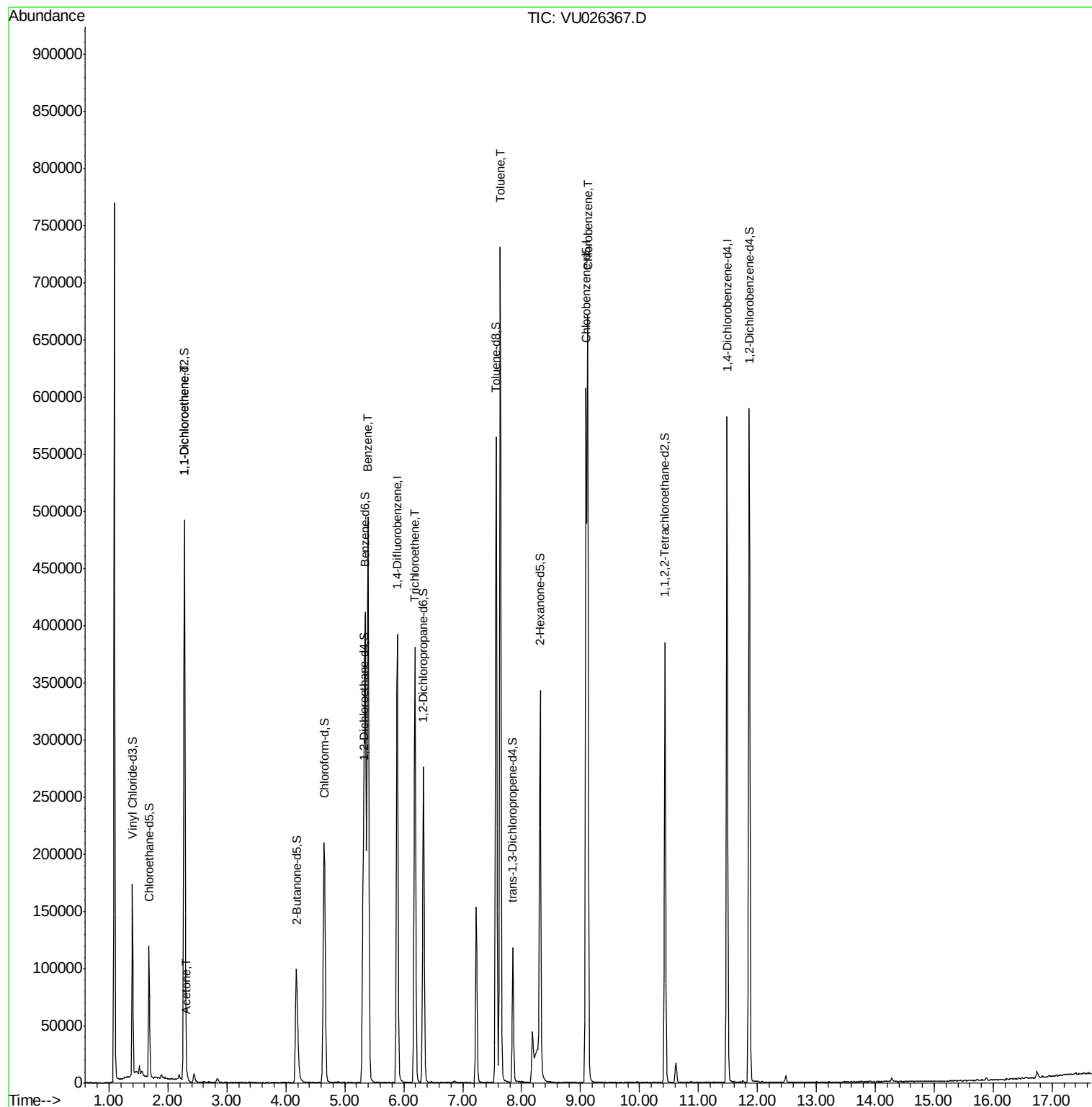
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	99639	58.36	ug/L	94
13) Acetone	2.32	43	3624	2.97	ug/L	89
33) Benzene	5.39	78	493496	55.62	ug/L	100
34) Trichloroethene	6.19	95	129457	55.18	ug/L	96
42) Toluene	7.64	91	528048	55.94	ug/L	98
51) Chlorobenzene	9.12	112	351186	54.39	ug/L	99

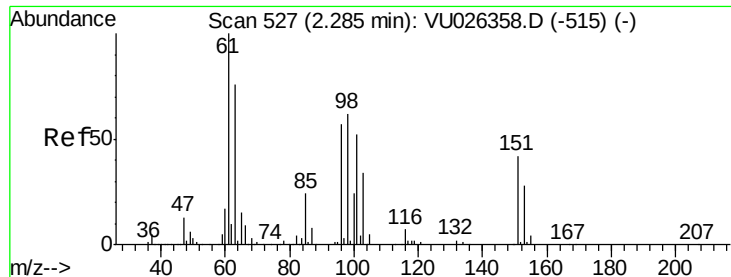
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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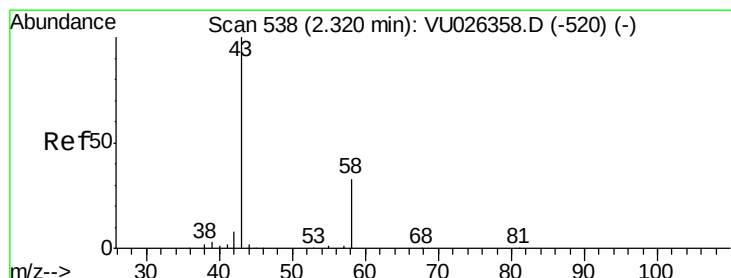
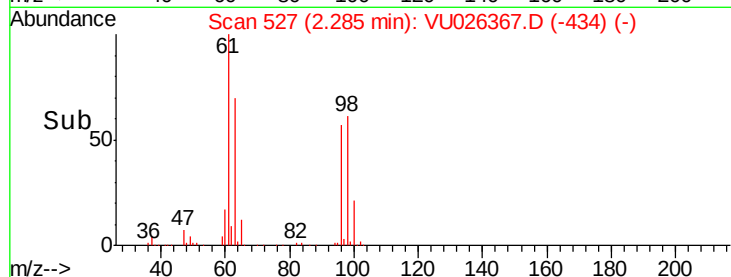
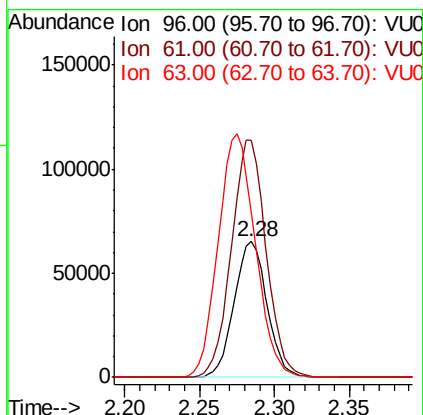
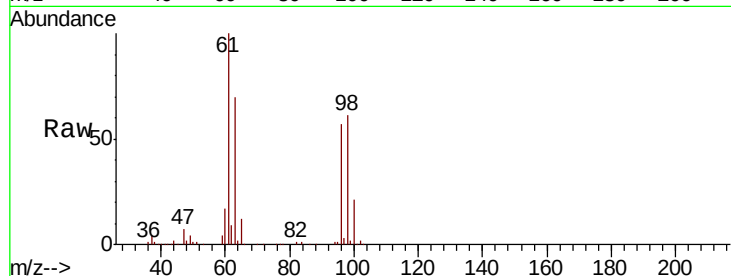




#12
 1,1-Dichloroethene
 Concen: 58.36 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU026367.D
 Acq: 25 Aug 2018 13:43

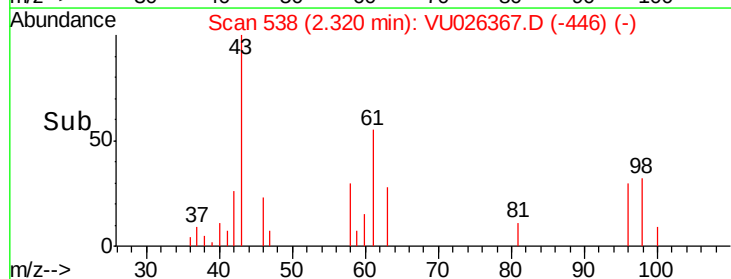
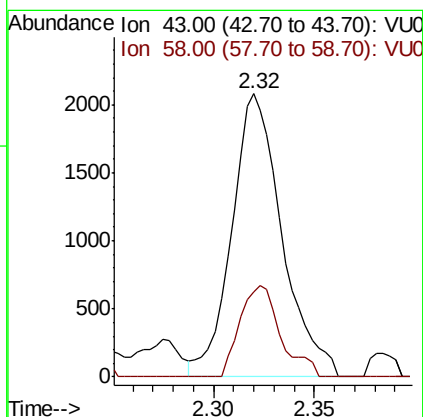
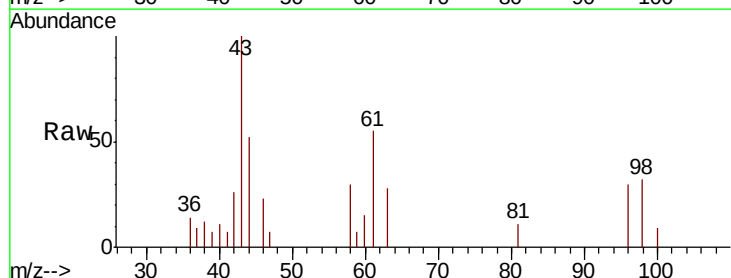
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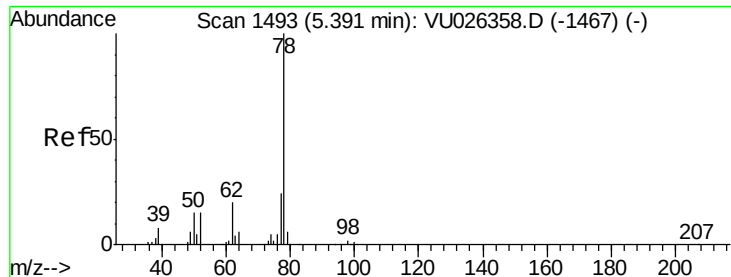
Tot Ion: 96 Resp: 99639
 Ion Ratio Lower Upper
 96 100
 61 174.7 124.7 231.5
 63 121.9 93.7 174.1



#13
 Acetone
 Concen: 2.97 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU026367.D
 Acq: 25 Aug 2018 13:43

Tgt Ion: 43 Resp: 3624
 Ion Ratio Lower Upper
 43 100
 58 24.8 0.0 61.2

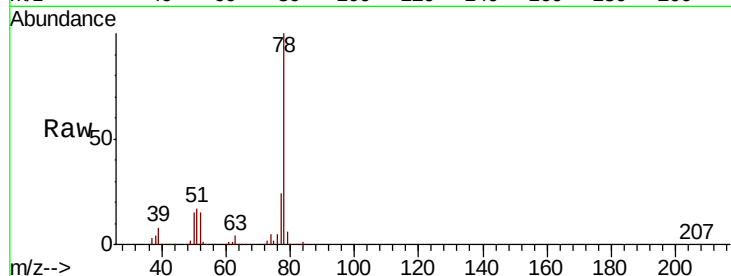




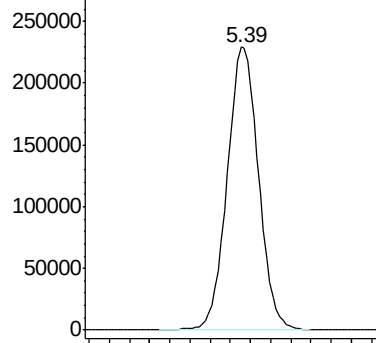
#33
Benzene
Concen: 55.62 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU026367.D
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Instrument :
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ClientSampleId :
ETOL8MSD

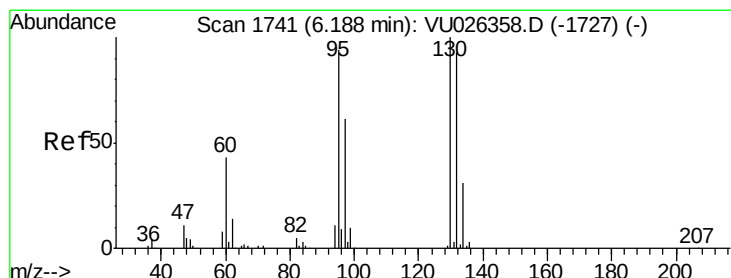
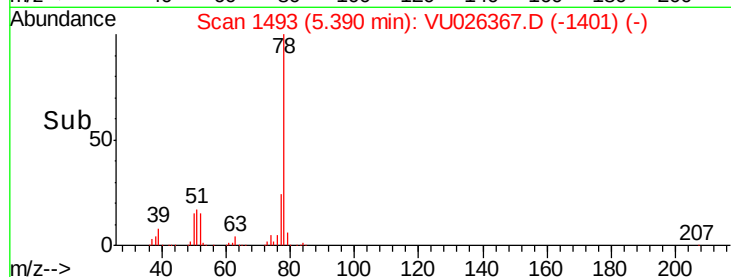
Tgt Ion: 78 Resp: 493496



Abundance Ion 78.00 (77.70 to 78.70): VU0



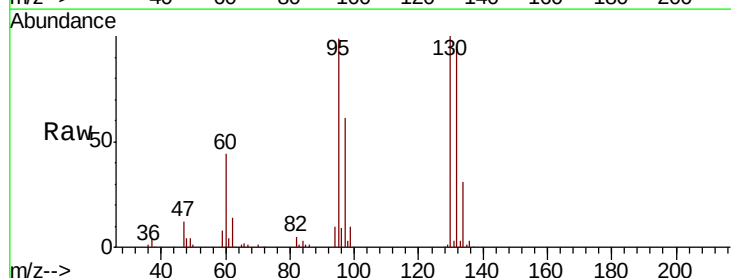
Time-->



#34
Trichloroethene
Concen: 55.18 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU026367.D
Acq: 25 Aug 2018 13:43

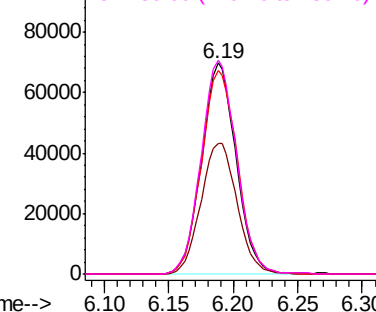
Tgt Ion: 95 Resp: 129457

Ion	Ratio	Lower	Upper
95	100		
97	62.3	47.2	87.6
132	96.6	70.2	130.4
130	101.4	73.4	136.4

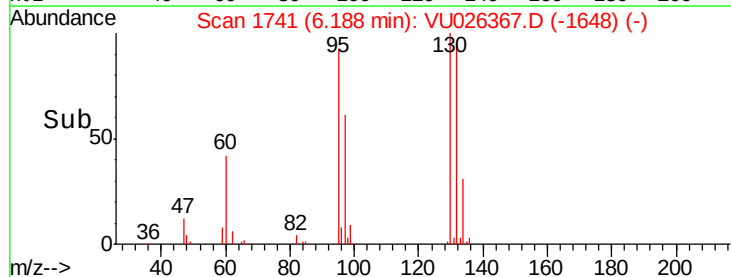


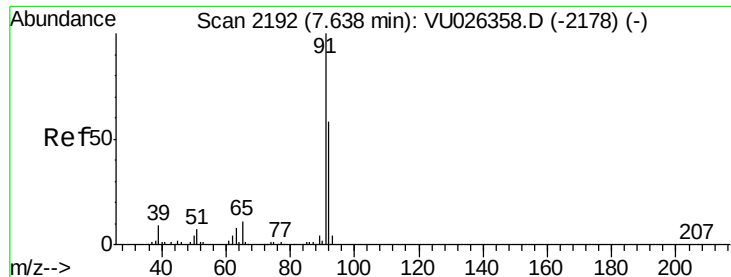
Abundance Ion 95.00 (94.70 to 95.70): VU0

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



Time-->





#42

Toluene

Concen: 55.94 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026367.D

Acq: 25 Aug 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

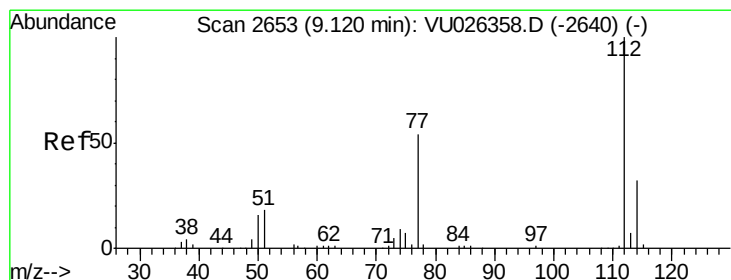
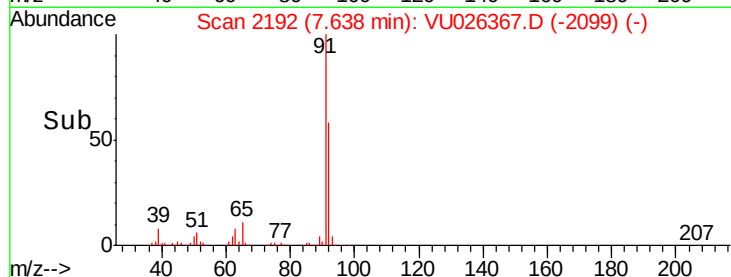
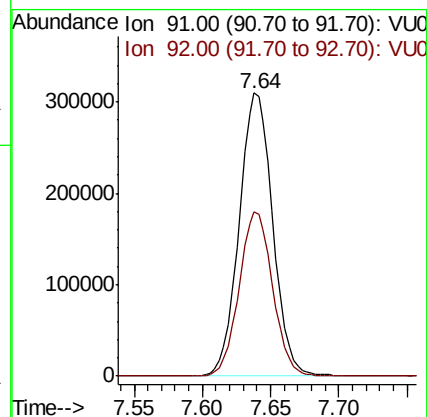
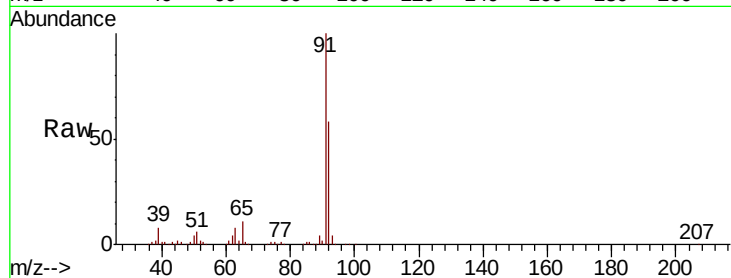
ETOL8MSD

Tot Ion: 91 Resp: 528048

Ion Ratio Lower Upper

91 100

92 58.1 39.9 74.1



#51

Chlorobenzene

Concen: 54.39 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026367.D

Acq: 25 Aug 2018 13:43

Tgt Ion: 112 Resp: 351186

Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.9

77 55.3 45.4 68.2

