

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025509.D
 Acq On : 18 Jul 2018 20:17
 Operator : MD/SY
 Sample : J4039-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 19 02:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	320211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57506	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.16%
7) Chloroethane-d5	1.68	69	55239	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.88%
11) 1,1-Dichloroethene-d2	2.28	63	151423	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
21) 2-Butanone-d5	4.18	46	141616	88.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.13%
24) Chloroform-d	4.65	84	169667	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.31	65	118591	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.35	84	317592	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
36) 1,2-Dichloropropane-d6	6.34	67	108965	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.57	98	296761	43.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.94%
43) trans-1,3-Dichloropropene-	7.85	79	51459	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.31	63	102438	84.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155458	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	127789	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

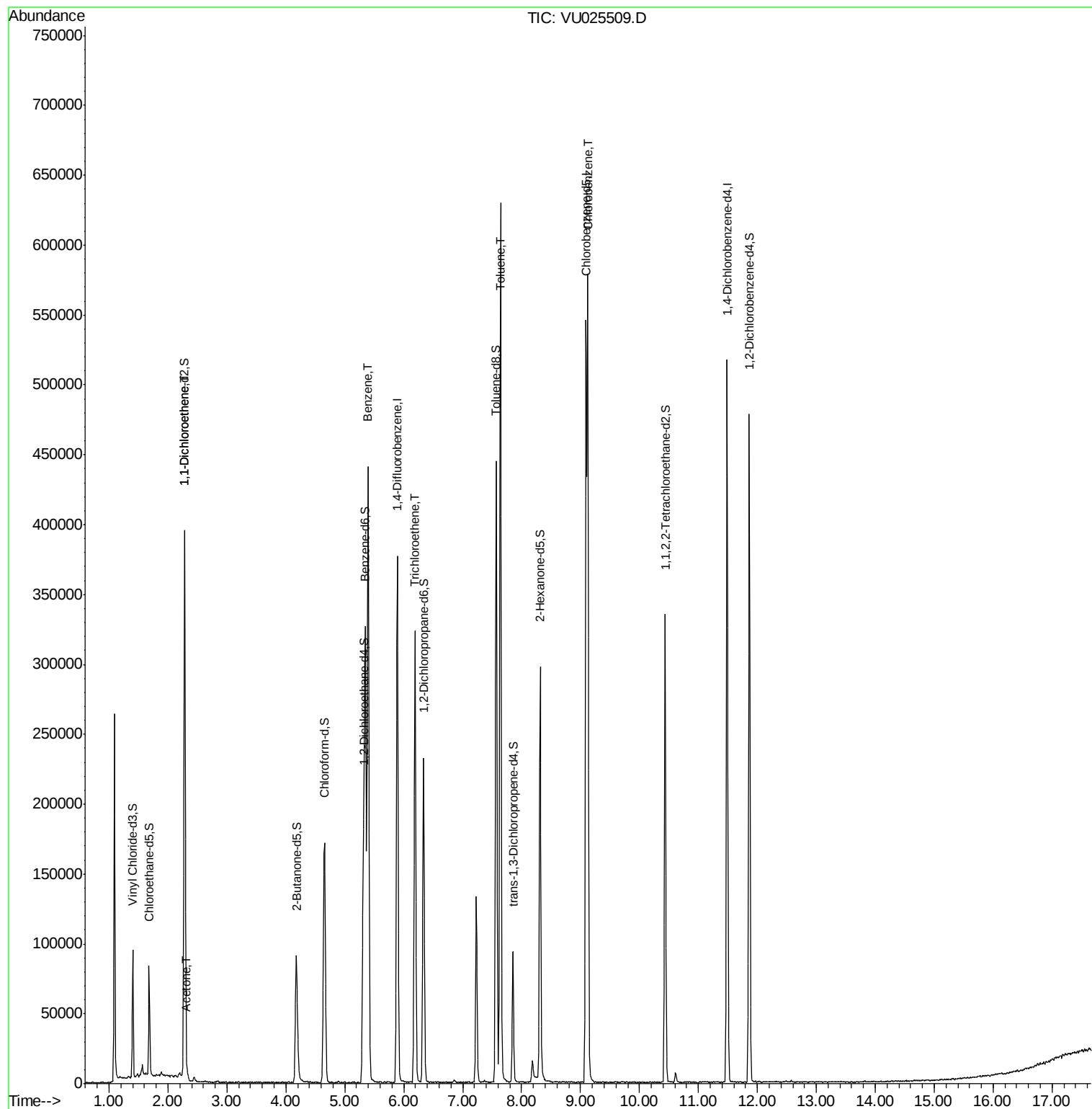
Target Compounds

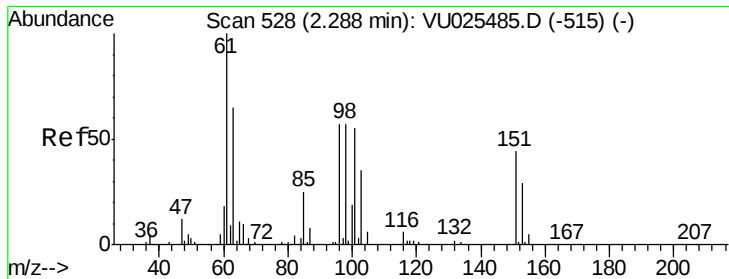
						Ovalue
12) 1,1-Dichloroethene	2.29	96	88120	50.77	ug/L	95
13) Acetone	2.32	43	5688	4.05	ug/L	72
33) Benzene	5.39	78	424251	49.13	ug/L	100
34) Trichloroethene	6.19	95	108239	47.35	ug/L	97
42) Toluene	7.64	91	459793	49.94	ug/L	98
51) Chlorobenzene	9.12	112	296640	48.02	ug/L	100

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

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#12

1,1-Dichloroethene

Concen: 50.77 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025509.D

Acq: 18 Jul 2018 20:17

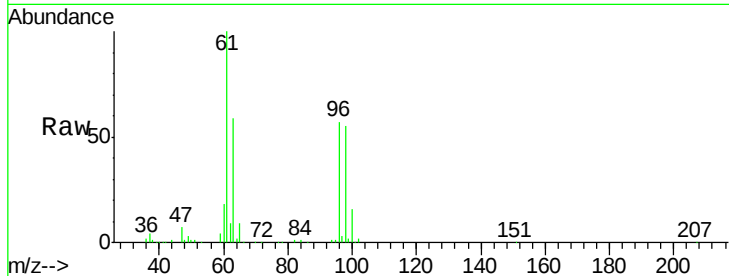
Tot Ion: 96 Resp: 88120

Ion Ratio Lower Upper

96 100

61 174.0 120.6 224.0

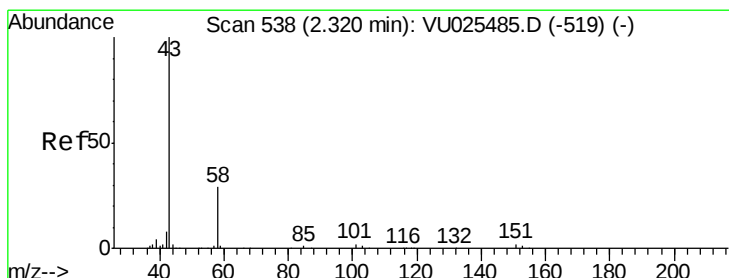
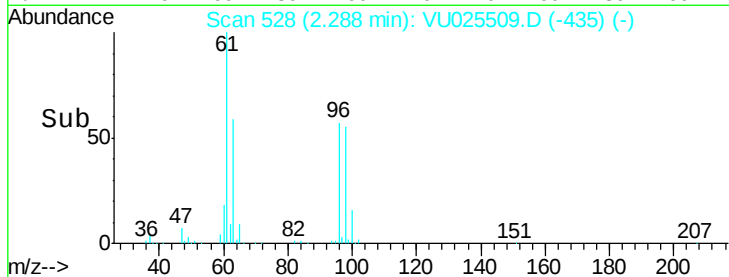
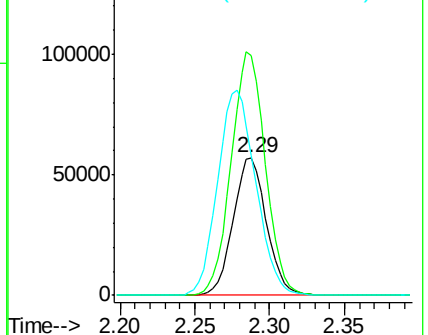
63 102.2 79.3 147.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 4.05 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025509.D

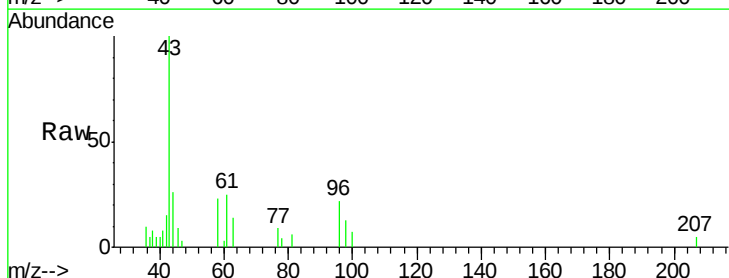
Acq: 18 Jul 2018 20:17

Tgt Ion: 43 Resp: 5688

Ion Ratio Lower Upper

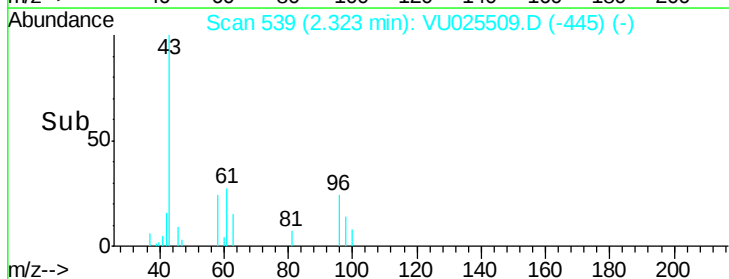
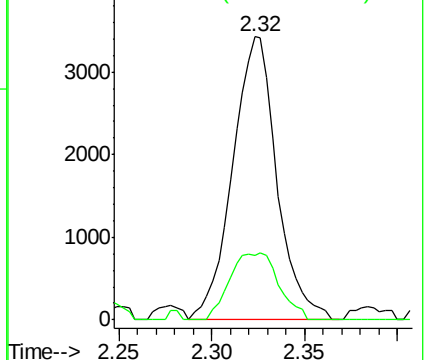
43 100

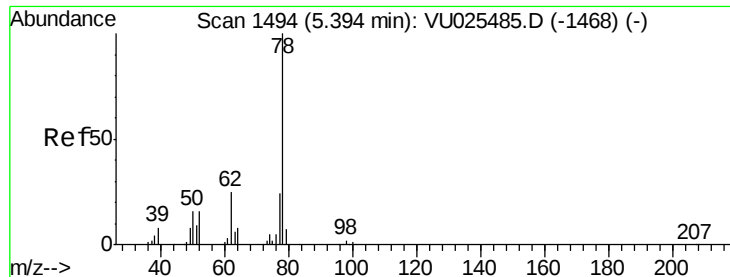
58 14.4 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 49.13 ug/L

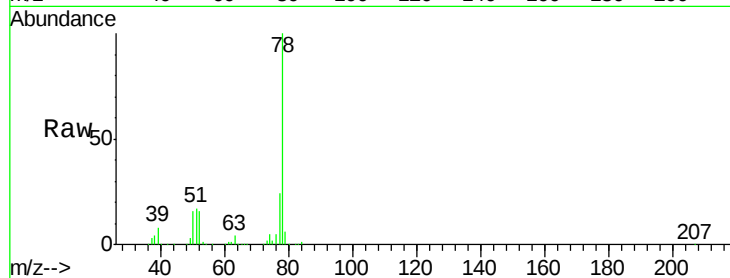
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

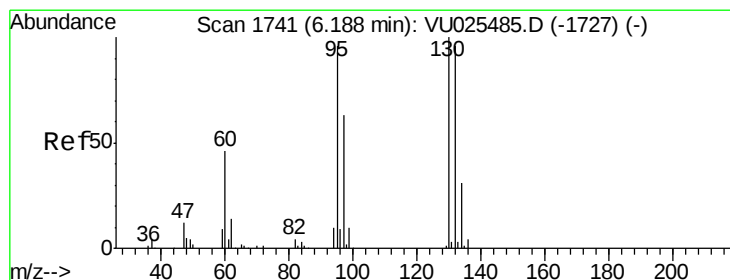
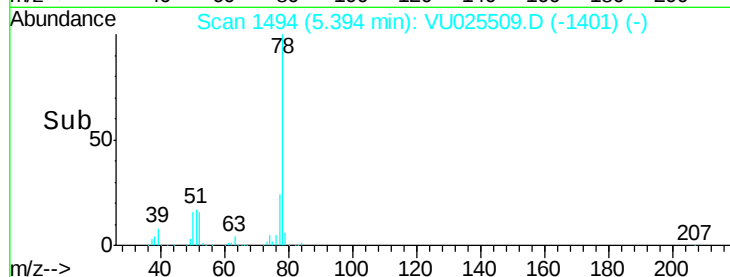
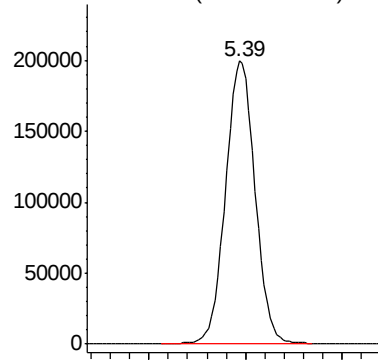
Lab File: VU025509.D

Acq: 18 Jul 2018 20:17

Tgt Ion: 78 Resp: 424251



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 47.35 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025509.D

Acq: 18 Jul 2018 20:17

Tgt Ion: 95 Resp: 108239

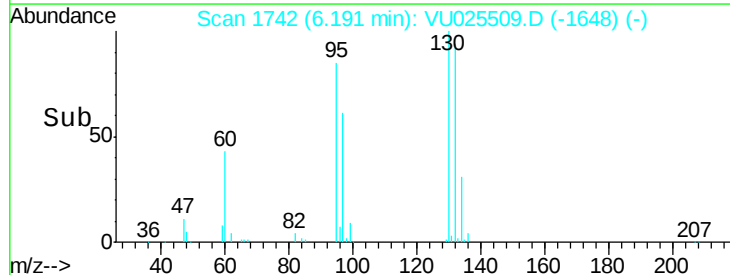
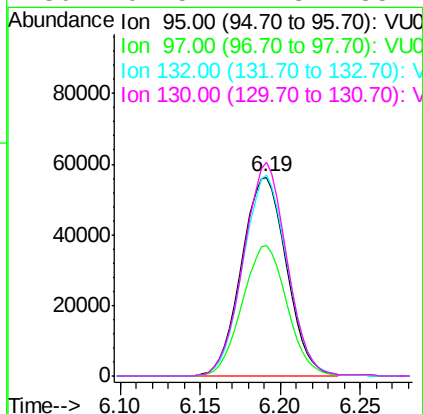
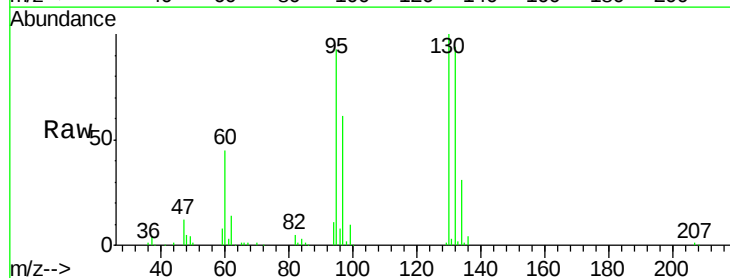
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.9	85.3
132	101.4	68.2	126.6
130	107.5	71.8	133.4

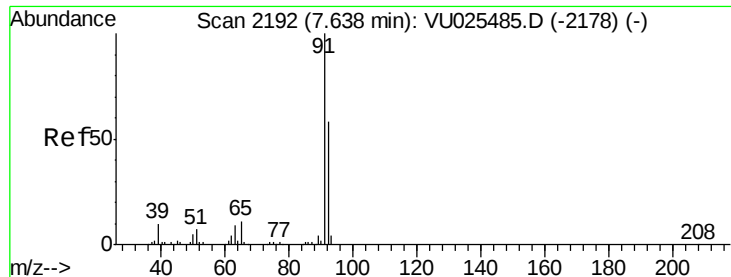
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 49.94 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025509.D

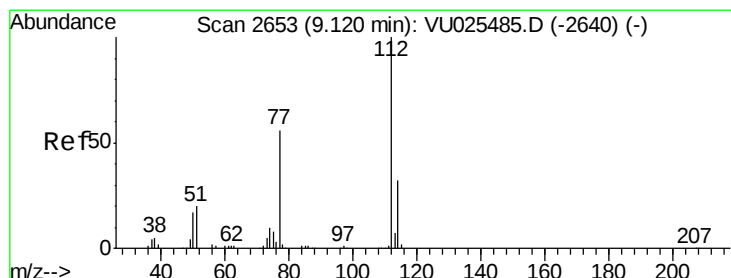
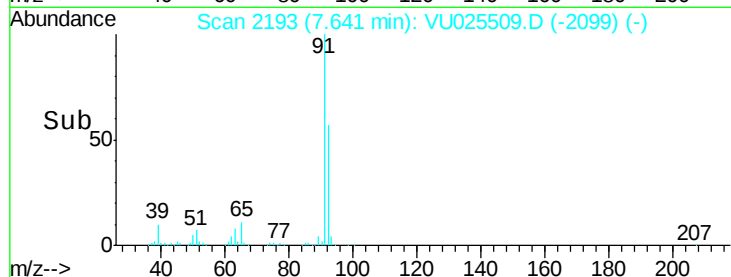
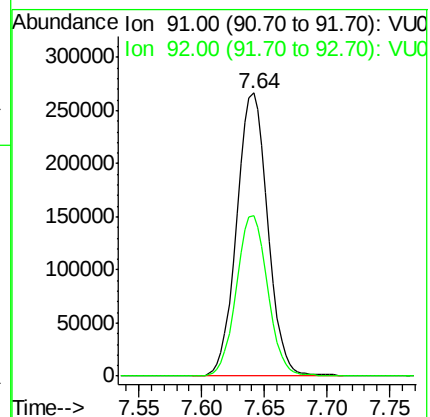
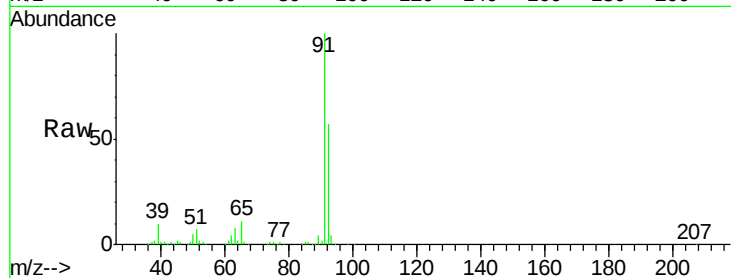
Acq: 18 Jul 2018 20:17

Tot Ion: 91 Resp: 459793

Ion Ratio Lower Upper

91 100

92 56.6 40.5 75.1



#51

Chlorobenzene

Concen: 48.02 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025509.D

Acq: 18 Jul 2018 20:17

Tgt Ion: 112 Resp: 296640

Ion Ratio Lower Upper

112 100

114 32.2 22.8 42.4

77 57.6 45.8 68.8

