

Data File : VU025496.D
Acq On : 18 Jul 2018 14:51
Operator : MD/SY
Sample : J3986-08MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 19 01:23:32 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	322895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64289	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.68	69	58828	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.28	63	162810	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
21) 2-Butanone-d5	4.18	46	144760	89.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.34%
24) Chloroform-d	4.65	84	177958	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.31	65	124307	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.35	84	338718	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.34	67	113950	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	314612	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	55920	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.31	63	104327	85.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156944	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	133047	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%

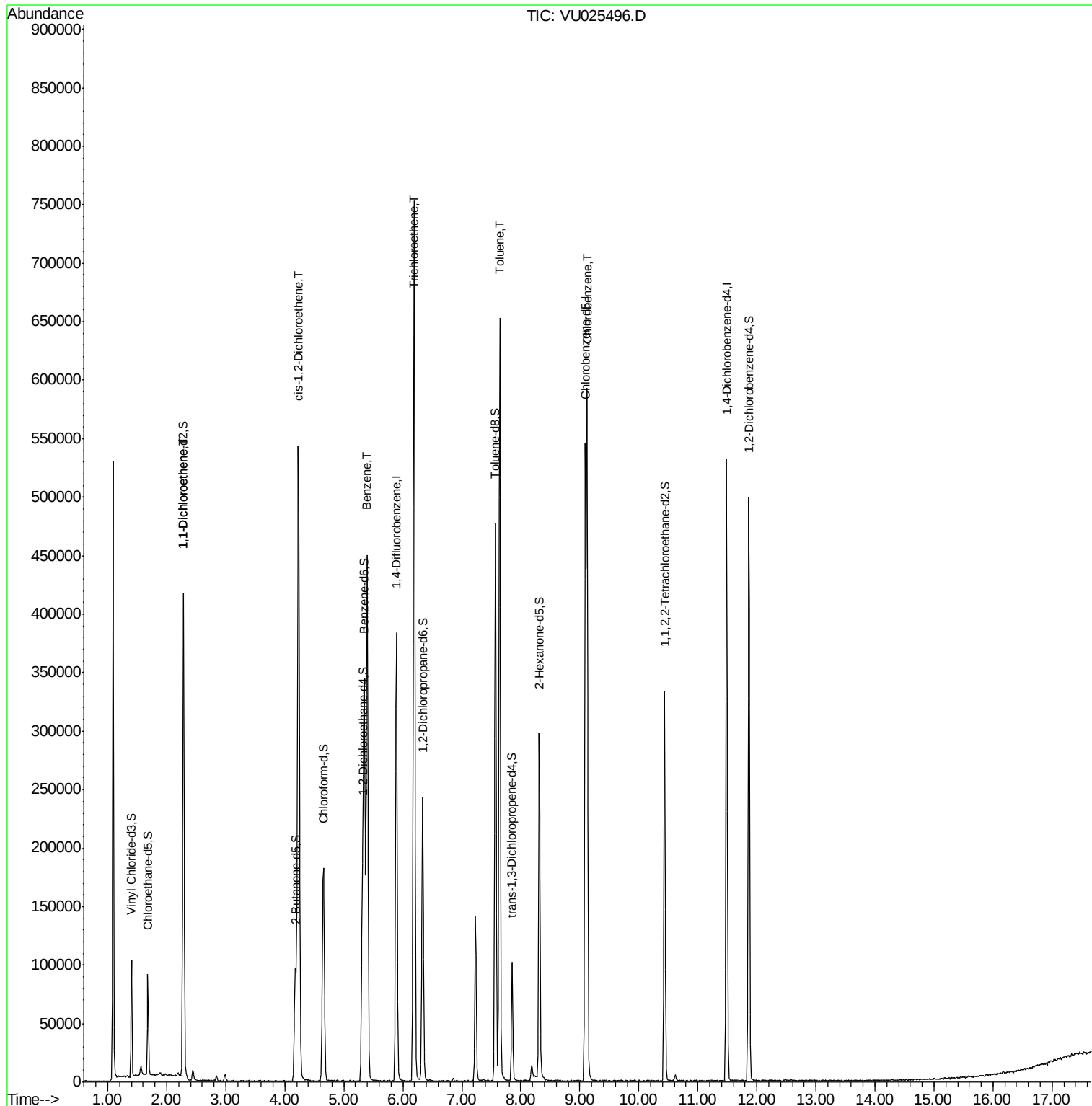
Target Compounds

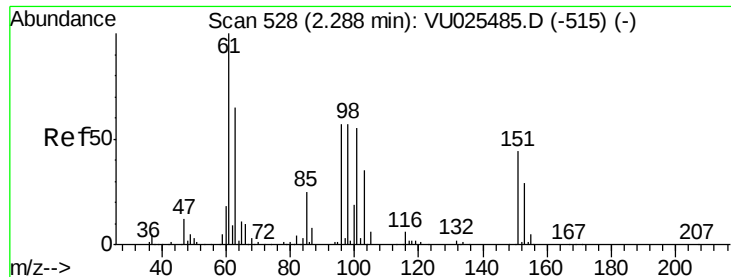
					Qvalue
12) 1,1-Dichloroethene	2.29	96	92268	52.720 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	302274	119.262 ug/L	100
33) Benzene	5.39	78	435336	50.049 ug/L	100
34) Trichloroethene	6.19	95	253154	109.943 ug/L	99
42) Toluene	7.64	91	470239	50.702 ug/L	100
51) Chlorobenzene	9.12	112	303087	48.703 ug/L	99

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

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#12

1,1-Dichloroethene

Concen: 52.720 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

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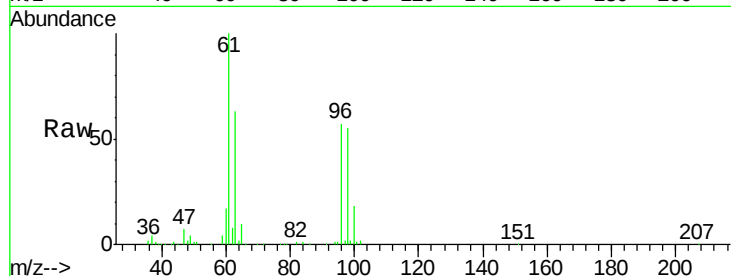
Tgt Ion: 96 Resp: 92268

Ion Ratio Lower Upper

96 100

61 174.7 120.6 224.0

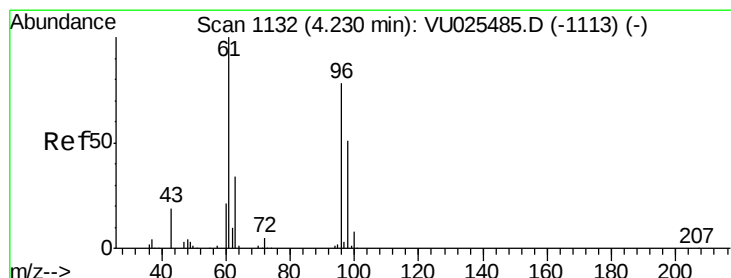
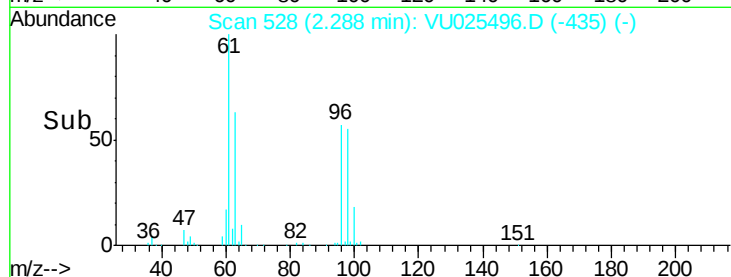
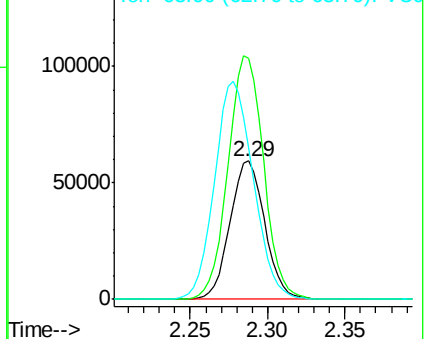
63 110.1 79.3 147.3



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



#20

cis-1,2-Dichloroethene

Concen: 119.262 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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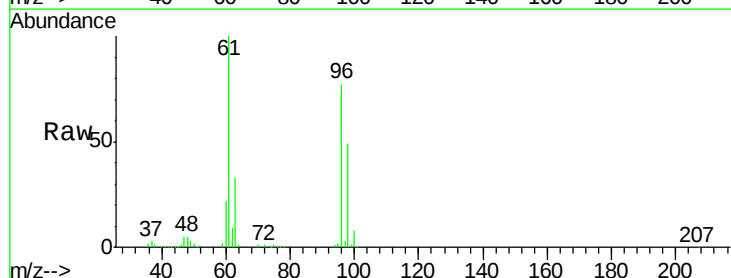
Tgt Ion: 96 Resp: 302274

Ion Ratio Lower Upper

96 100

61 130.6 91.7 170.3

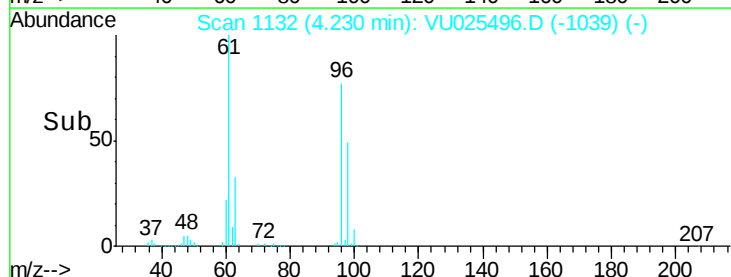
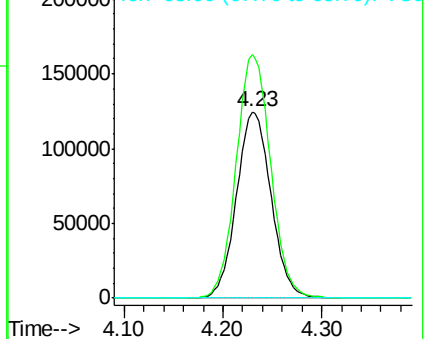
68 0.0 0.0 0.0

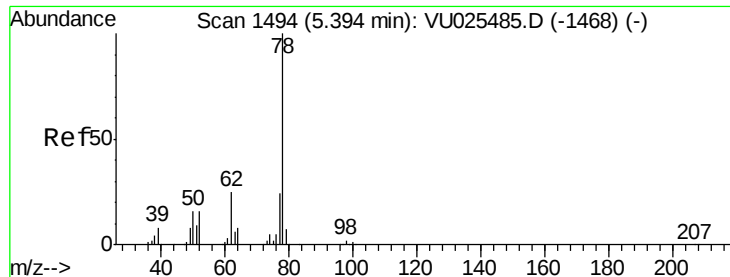


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#33

Benzene

Concen: 50.049 ug/L

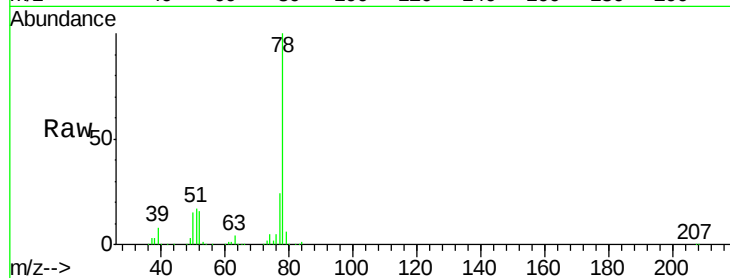
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

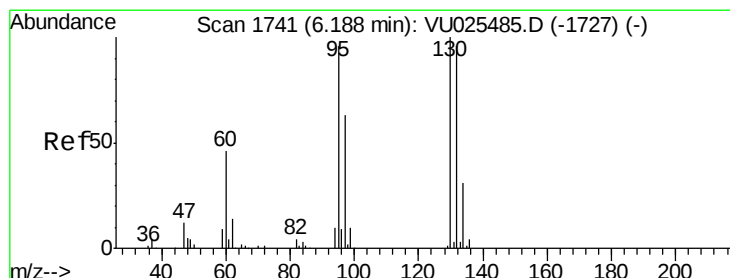
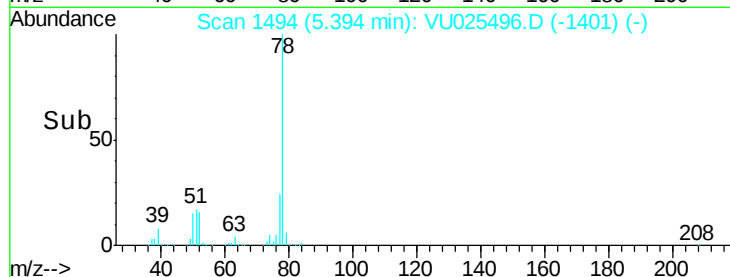
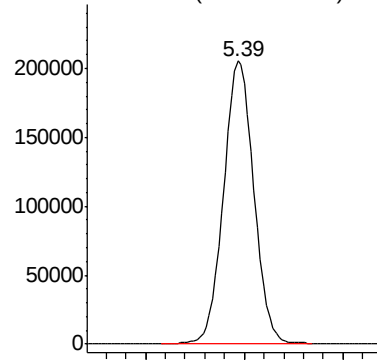
Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

Tgt Ion: 78 Resp: 435336



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 109.943 ug/L

RT: 6.19 min Scan# 1742

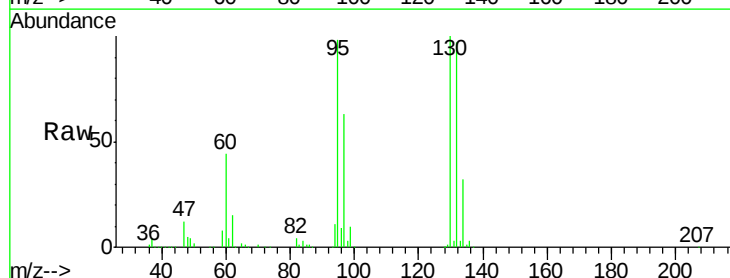
Delta R.T. 0.00 min

Lab File: VU025496.D

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Tgt Ion: 95 Resp: 253154

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.9	85.3
132	99.6	68.2	126.6
130	102.4	71.8	133.4

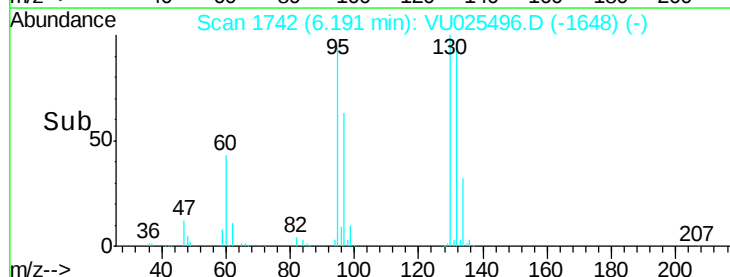


Abundance Ion 95.00 (94.70 to 95.70): VU0

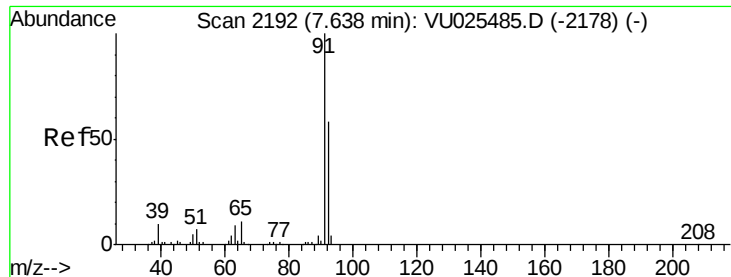
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#42

Toluene

Concen: 50.702 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025496.D

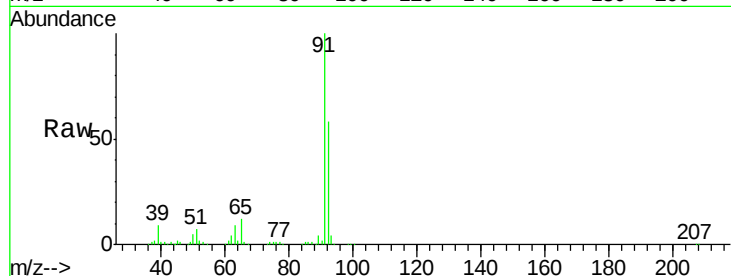
Acq: 18 Jul 2018 14:51

Tgt Ion: 91 Resp: 470239

Ion Ratio Lower Upper

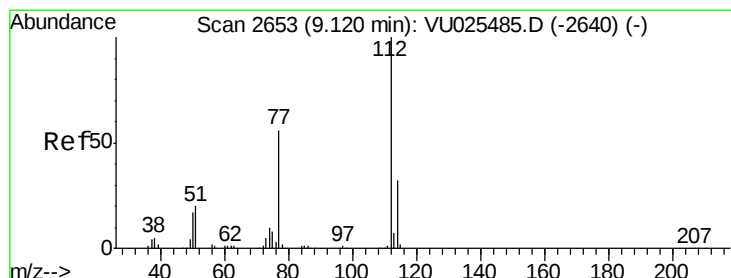
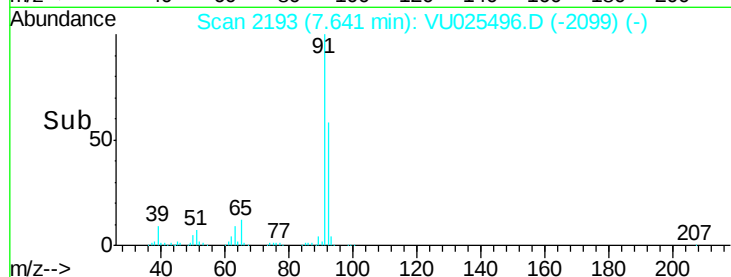
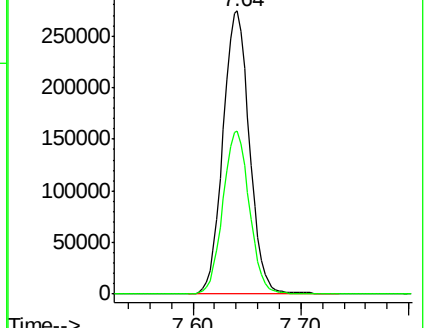
91 100

92 57.5 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU025485.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU025485.D (-2178) (-)



#51

Chlorobenzene

Concen: 48.703 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

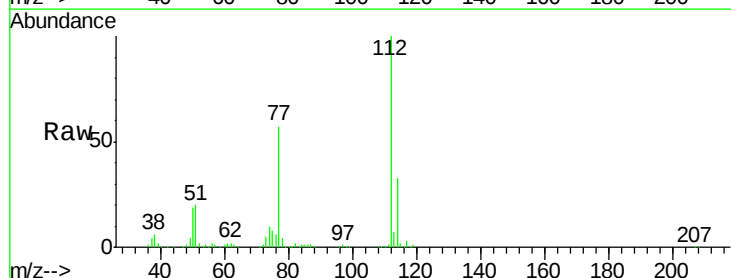
Tgt Ion: 112 Resp: 303087

Ion Ratio Lower Upper

112 100

114 33.4 22.8 42.4

77 56.7 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): VU025485.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU025485.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU025485.D (-2640) (-)

