

Data File : VU025497.D
Acq On : 18 Jul 2018 15:14
Operator : MD/SY
Sample : J3986-09MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 19 01:24:39 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	321317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62563	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.58%
7) Chloroethane-d5	1.68	69	59270	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.28	63	162195	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.50%
21) 2-Butanone-d5	4.18	46	144904	89.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.87%
24) Chloroform-d	4.65	84	175506	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	124294	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.35	84	336045	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.34	67	112967	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.57	98	314375	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.85	79	54746	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.31	63	104515	85.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.33%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155565	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	133147	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

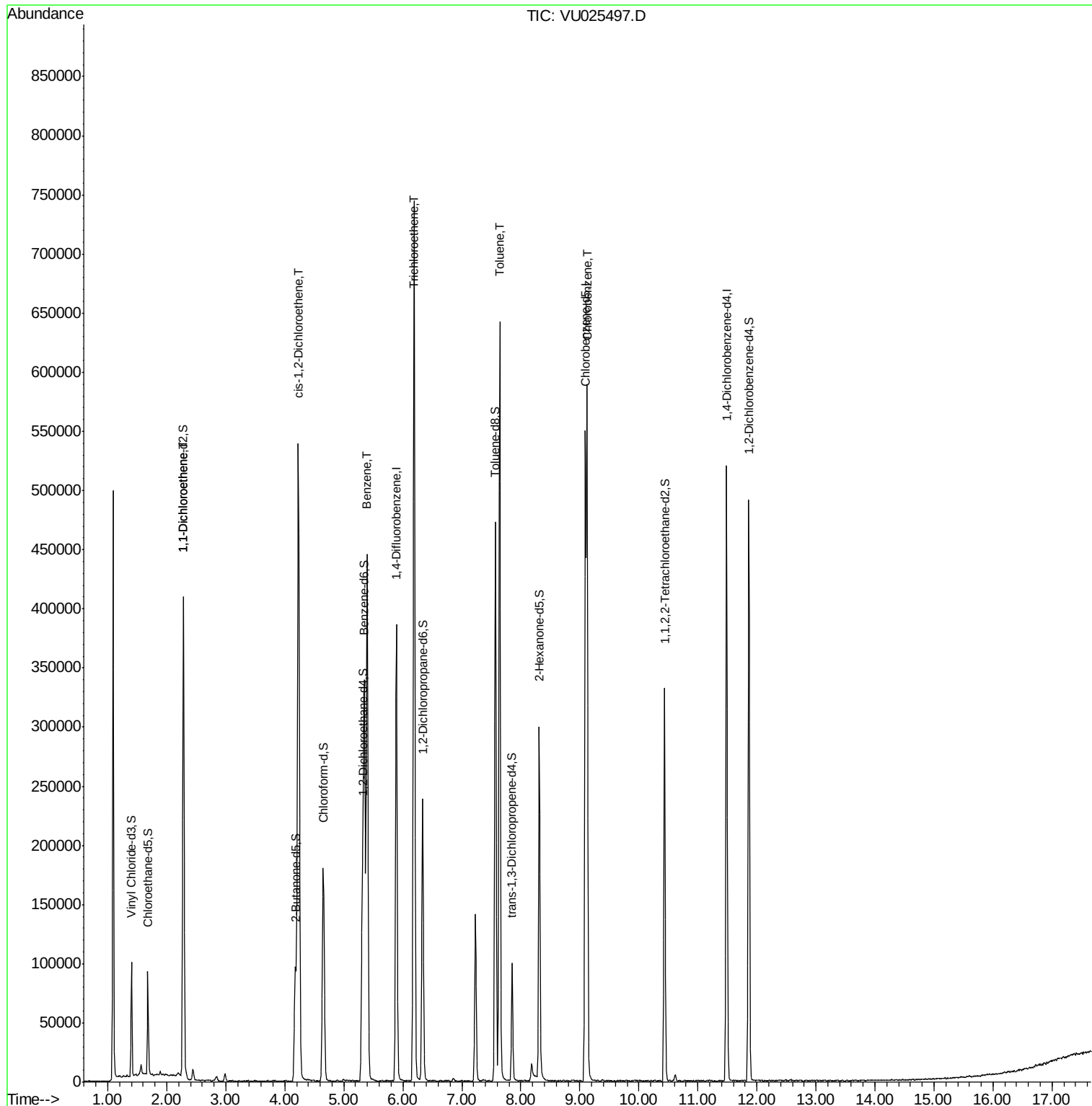
Target Compounds

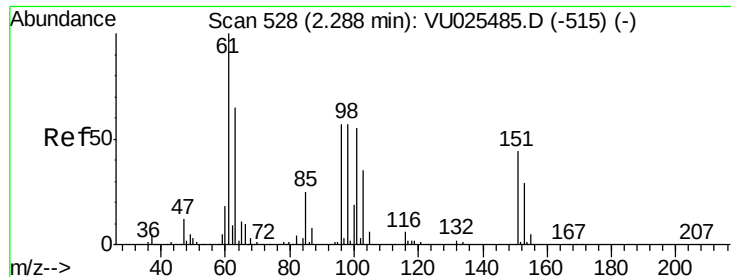
					Qvalue
12) 1,1-Dichloroethene	2.29	96	90422	51.919 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	301581	119.573 ug/L	99
33) Benzene	5.39	78	432362	49.507 ug/L	100
34) Trichloroethene	6.19	95	250096	108.180 ug/L	99
42) Toluene	7.64	91	468154	50.274 ug/L	98
51) Chlorobenzene	9.12	112	305801	48.942 ug/L	99

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

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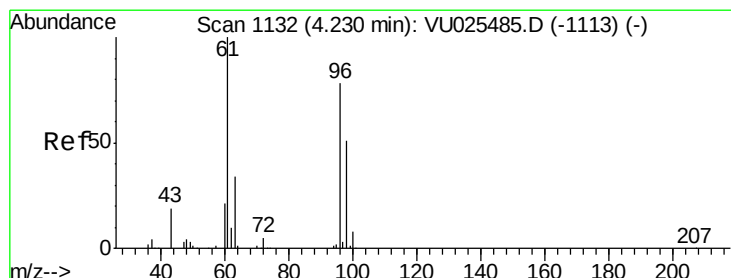
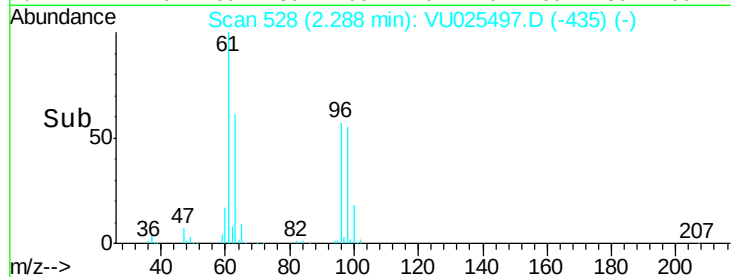
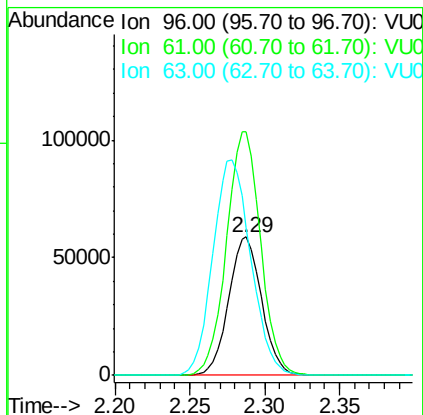
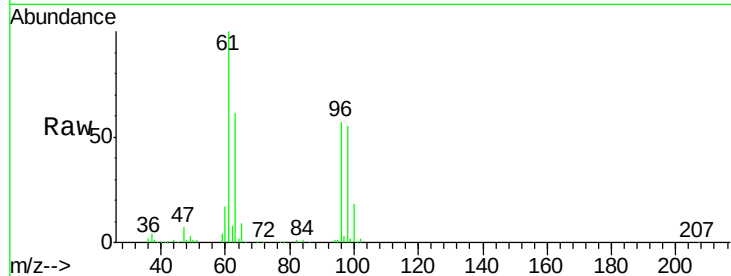
Quant Time: Jul 19 01:24:39 2018
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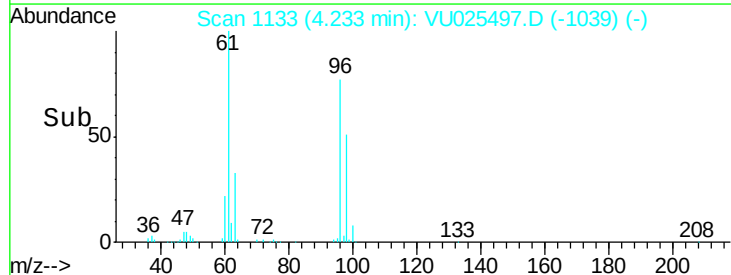
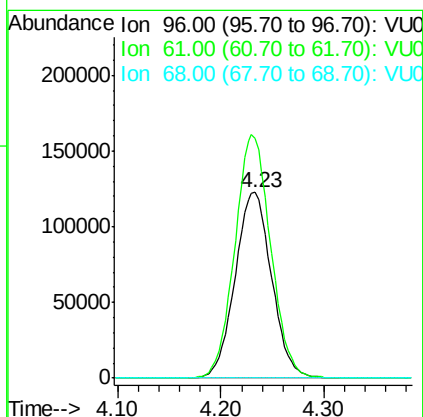
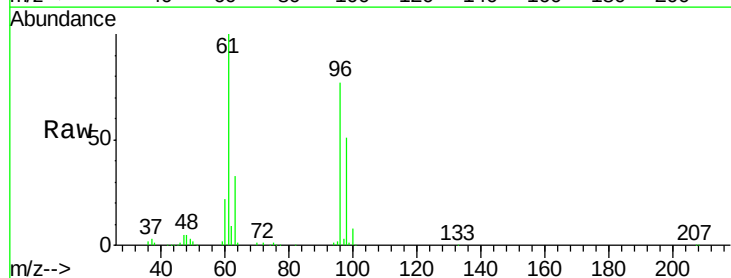
#12
 1,1-Dichloroethene
 Concen: 51.919 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025497.D
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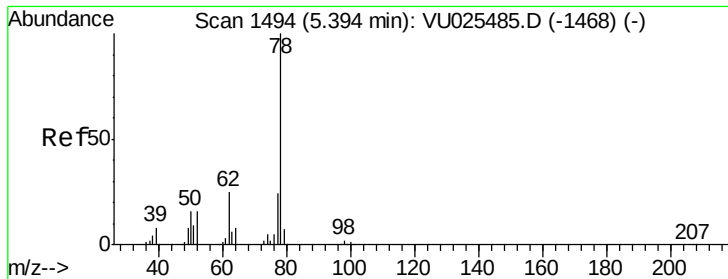
Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.0	120.6	224.0
63	107.2	79.3	147.3



#20
 cis-1,2-Dichloroethene
 Concen: 119.573 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025497.D
 Acq: 18 Jul 2018 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	91.7	170.3
68	0.0	0.0	0.0





#33

Benzene

Concen: 49.507 ug/L

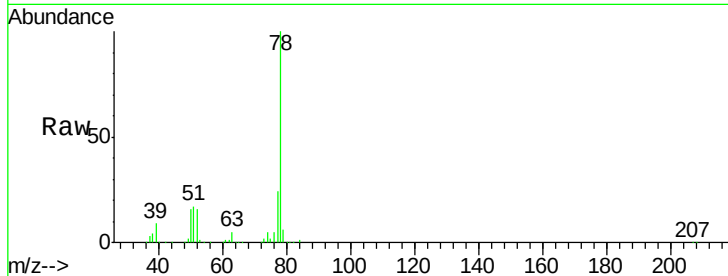
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

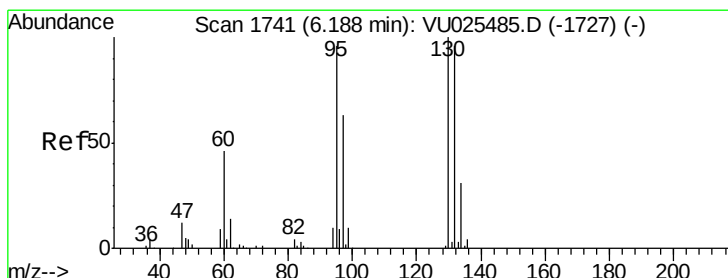
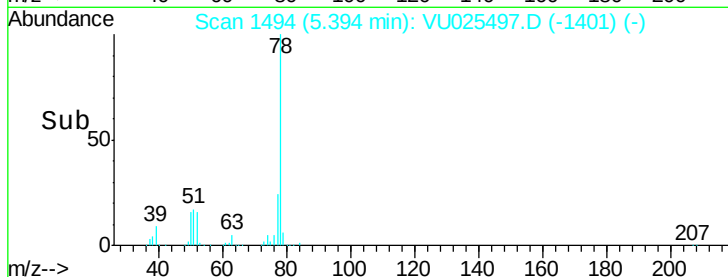
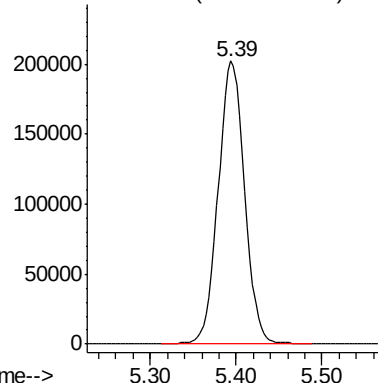
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Tgt Ion: 78 Resp: 432362



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 108.180 ug/L

RT: 6.19 min Scan# 1741

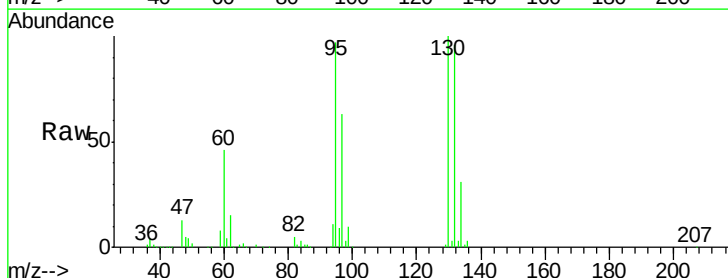
Delta R.T. 0.00 min

Lab File: VU025497.D

Acq: 18 Jul 2018 15:14

Tgt Ion: 95 Resp: 250096

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.9	85.3
132	98.8	68.2	126.6
130	102.7	71.8	133.4

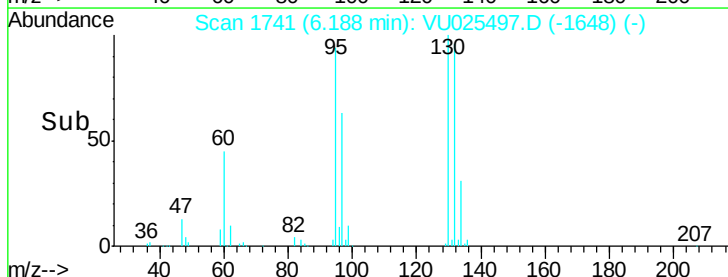


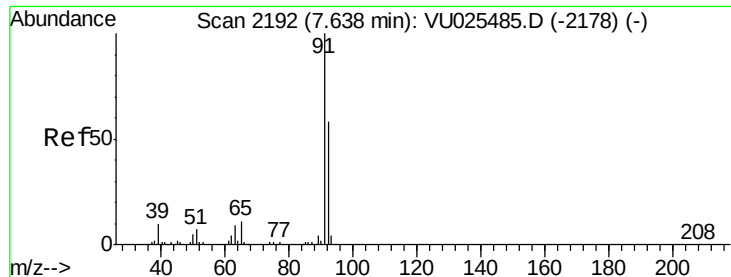
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 50.274 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025497.D

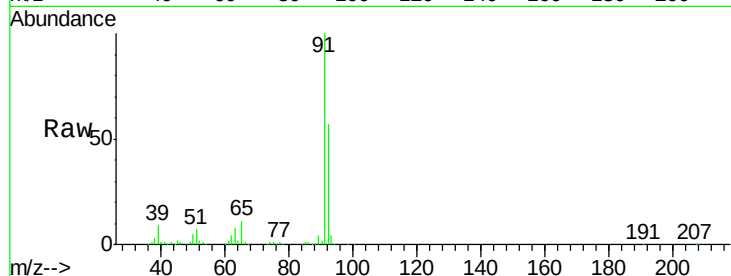
Acq: 18 Jul 2018 15:14

Tgt Ion: 91 Resp: 468154

Ion Ratio Lower Upper

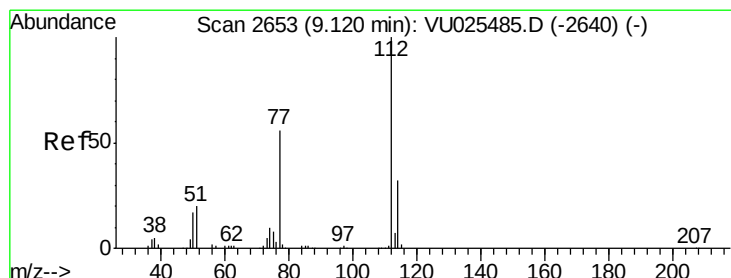
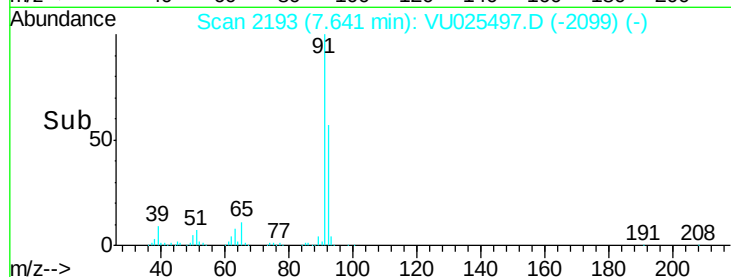
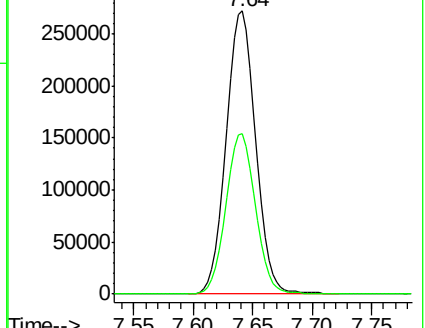
91 100

92 56.5 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU025497.D (-2199) (-)

Ion 92.00 (91.70 to 92.70): VU025497.D (-2199) (-)



#51

Chlorobenzene

Concen: 48.942 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU025497.D

Acq: 18 Jul 2018 15:14

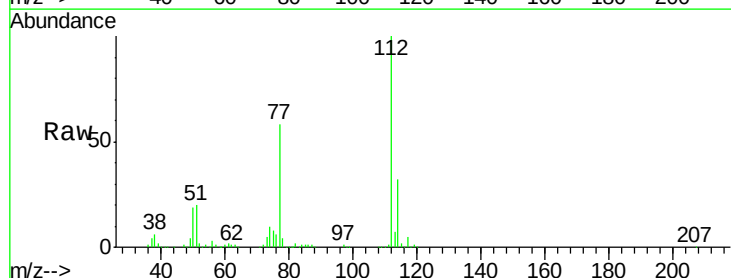
Tgt Ion: 112 Resp: 305801

Ion Ratio Lower Upper

112 100

114 31.6 22.8 42.4

77 57.5 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): VU025497.D (-2656) (-)

Ion 114.00 (113.70 to 114.70): VU025497.D (-2656) (-)

Ion 77.00 (76.70 to 77.70): VU025497.D (-2656) (-)

