

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025492.D
 Acq On : 18 Jul 2018 12:50
 Operator : MD/SY
 Sample : J4024-07MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 19 01:08:46 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	329844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67110	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.68	69	63597	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.28	63	160530	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
21) 2-Butanone-d5	4.18	46	142861	86.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.31%
24) Chloroform-d	4.65	84	183035	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.31	65	128107	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.35	84	352346	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.34	67	117399	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.57	98	329574	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.85	79	55453	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	102735	83.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159833	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	136665	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

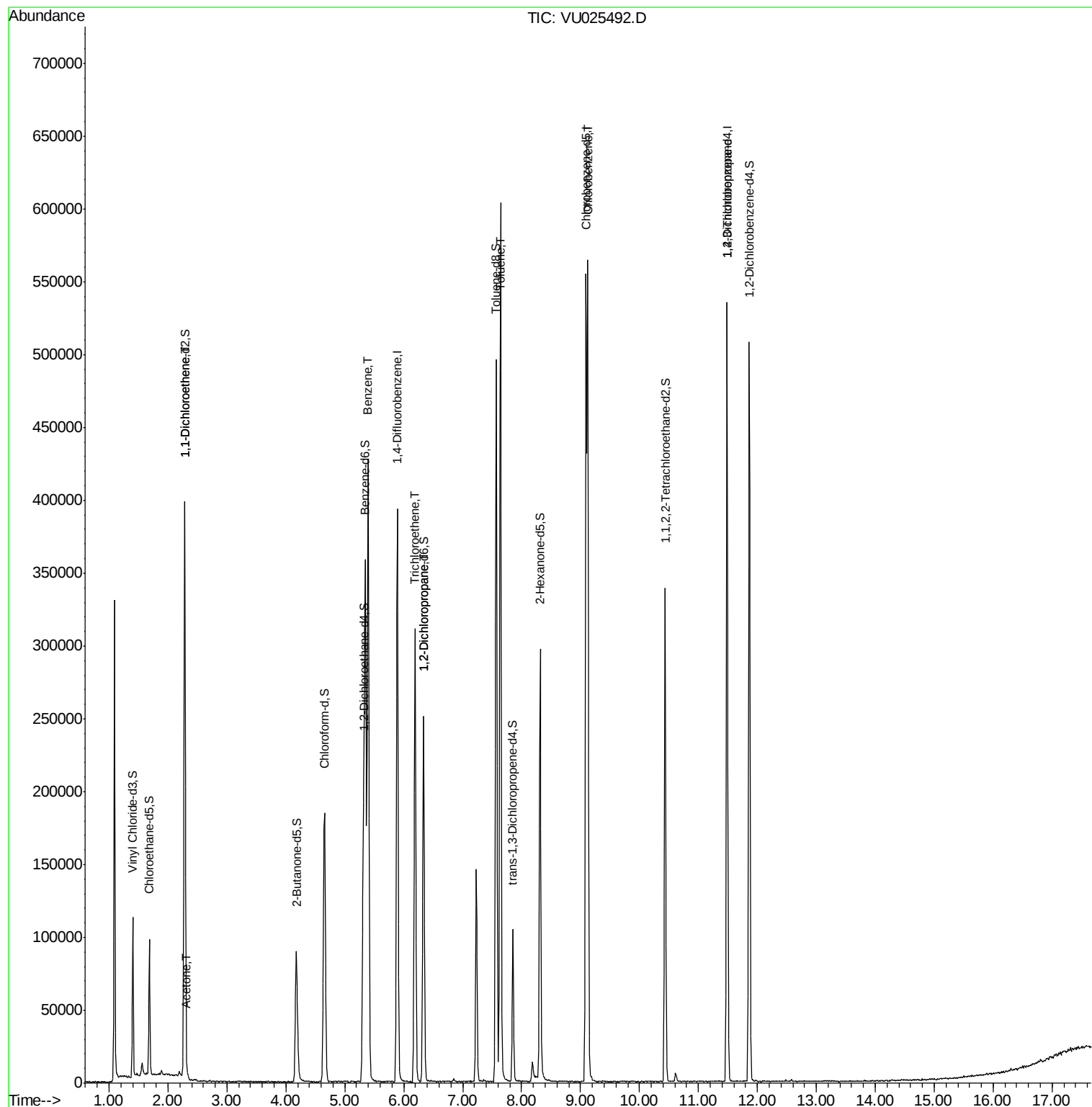
Target Compounds

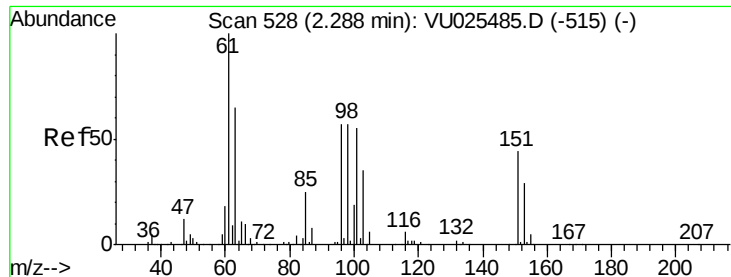
					Qvalue
12) 1,1-Dichloroethene	2.29	96	85008	47.549 ug/L	98
13) Acetone	2.32	43	2092	1.447 ug/L	98
33) Benzene	5.39	78	411018	46.994 ug/L	100
34) Trichloroethene	6.19	95	105640	45.628 ug/L	99
37) 1,2-Dichloropropane	6.34	63	13474	5.585 ug/L #	88
42) Toluene	7.64	91	444270	47.639 ug/L	98
51) Chlorobenzene	9.12	112	289693	46.296 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	14901	4.644 ug/L #	80

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025492.D
Acq On : 18 Jul 2018 12:50
Operator : MD/SY
Sample : J4024-07MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

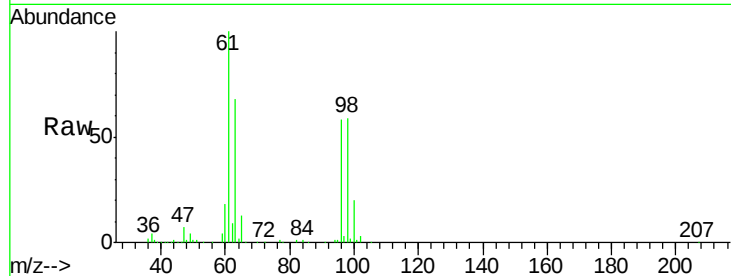
Quant Time: Jul 19 01:08:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration



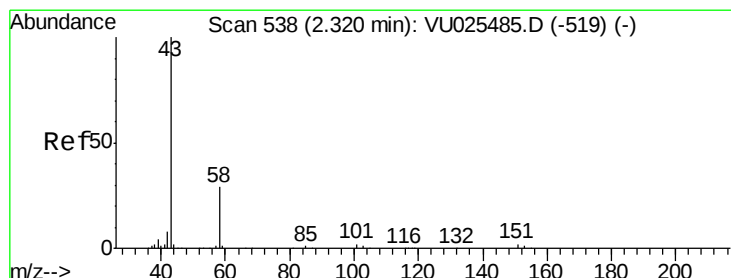
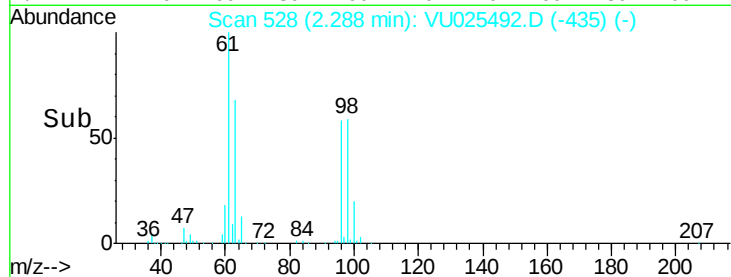
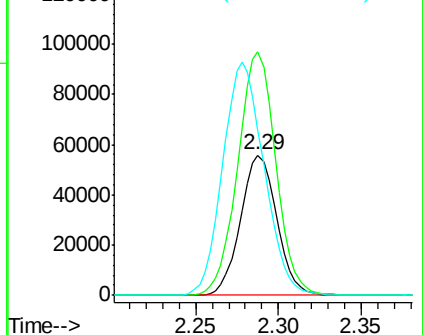


#12
 1,1-Dichloroethene
 Concen: 47.549 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025492.D
 Acq: 18 Jul 2018 12:50

Tgt Ion: 96 Resp: 85008
 Ion Ratio Lower Upper
 96 100
 61 173.7 120.6 224.0
 63 118.0 79.3 147.3

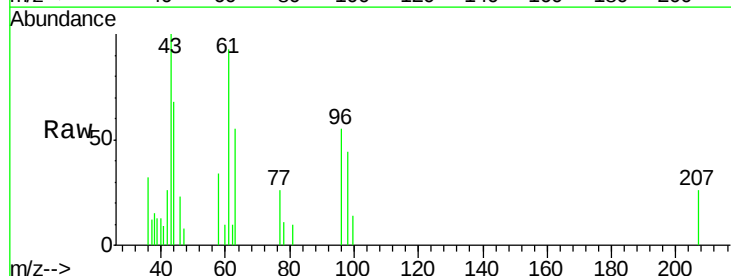


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

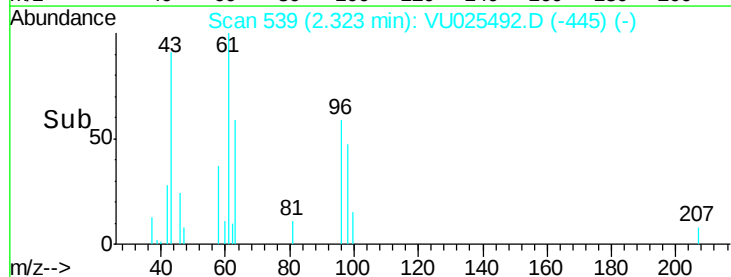
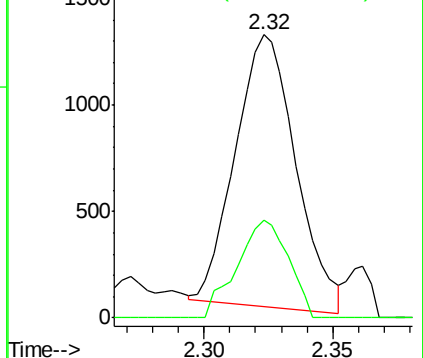


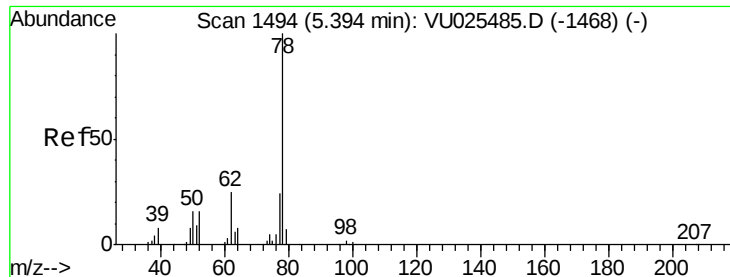
#13
 Acetone
 Concen: 1.447 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025492.D
 Acq: 18 Jul 2018 12:50

Tgt Ion: 43 Resp: 2092
 Ion Ratio Lower Upper
 43 100
 58 30.5 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: 46.994 ug/L

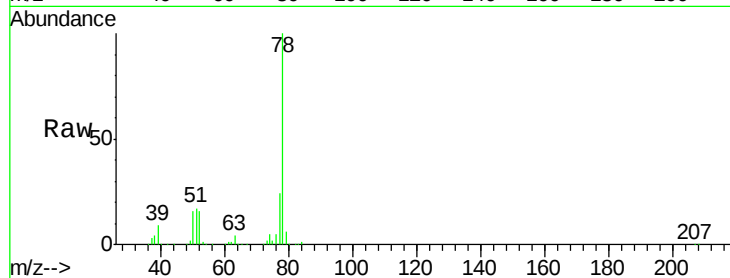
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

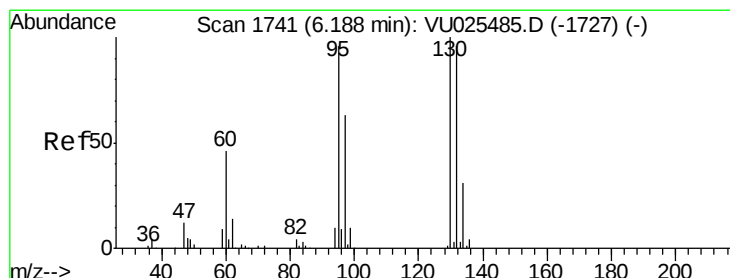
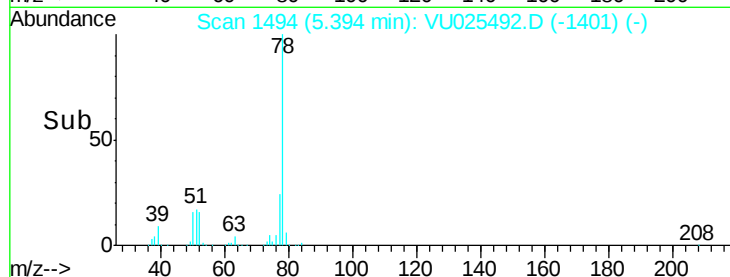
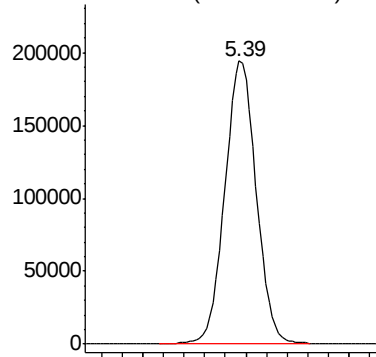
Lab File: VU025492.D

Acq: 18 Jul 2018 12:50

Tgt Ion: 78 Resp: 411018



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 45.628 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025492.D

Acq: 18 Jul 2018 12:50

Tgt Ion: 95 Resp: 105640

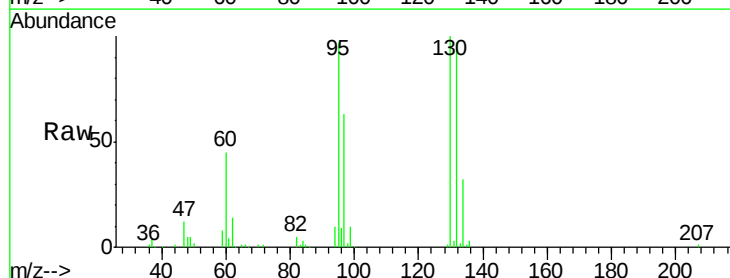
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 100.1 68.2 126.6

130 103.1 71.8 133.4

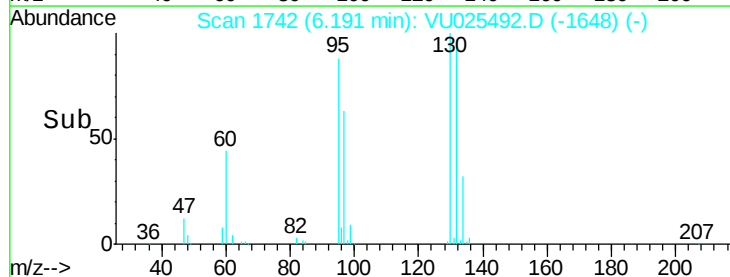
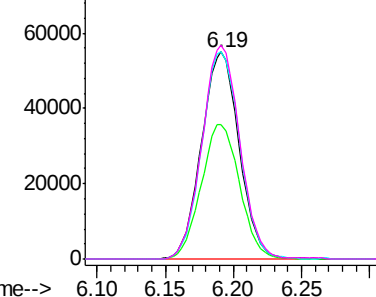


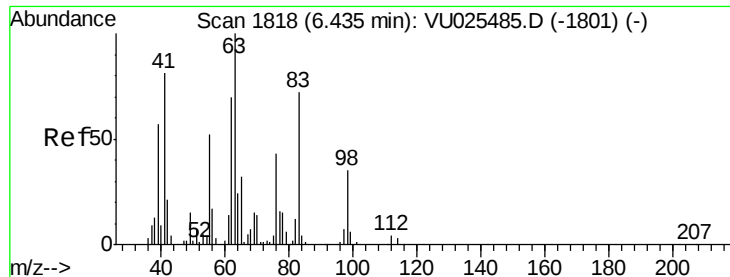
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#37

1,2-Dichloropropane

Concen: 5.585 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025492.D

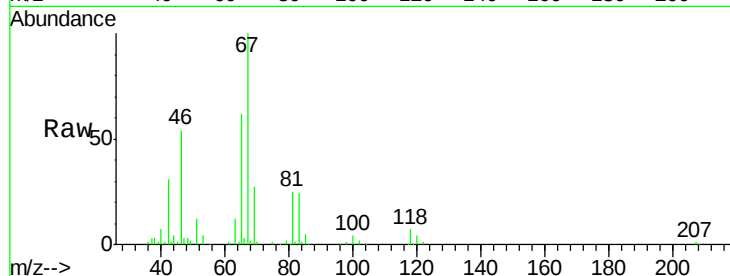
Acq: 18 Jul 2018 12:50

Tgt Ion: 63 Resp: 13474

Ion Ratio Lower Upper

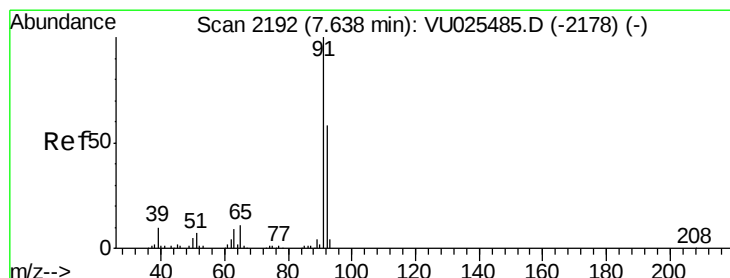
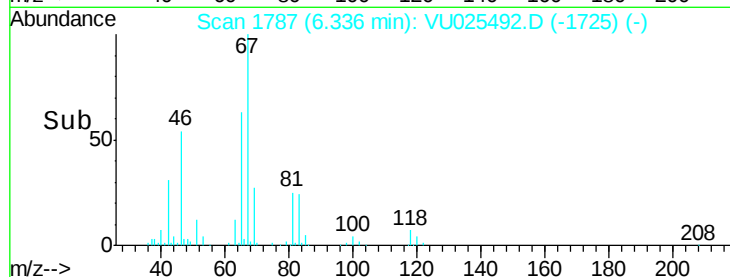
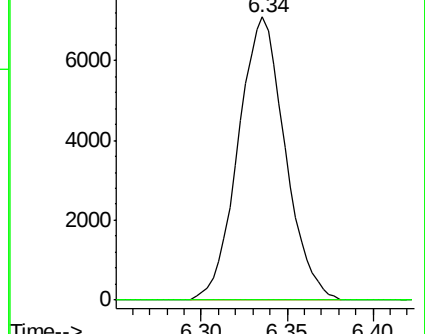
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#42

Toluene

Concen: 47.639 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025492.D

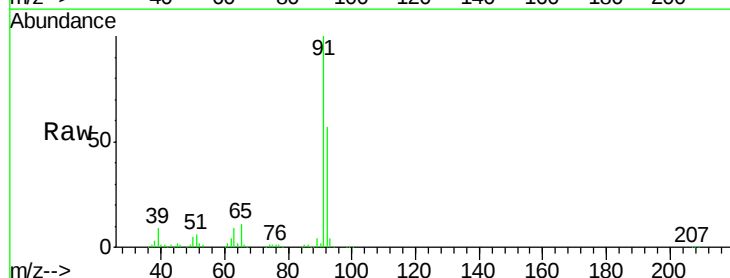
Acq: 18 Jul 2018 12:50

Tgt Ion: 91 Resp: 444270

Ion Ratio Lower Upper

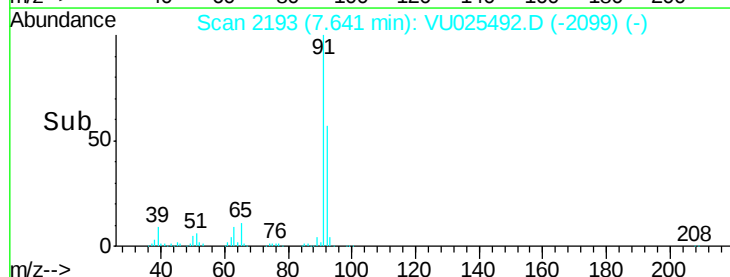
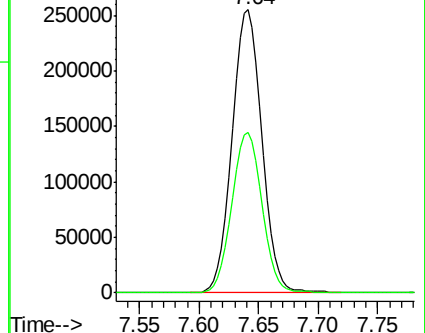
91 100

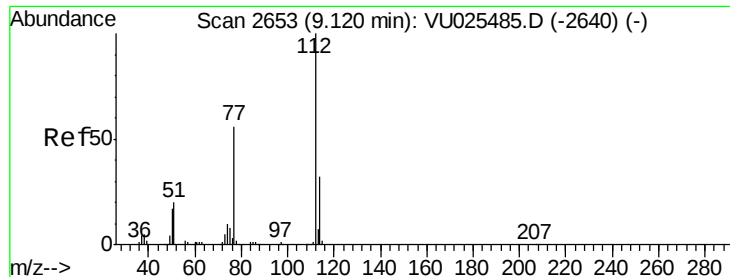
92 56.7 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 46.296 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU025492.D

Acq: 18 Jul 2018 12:50

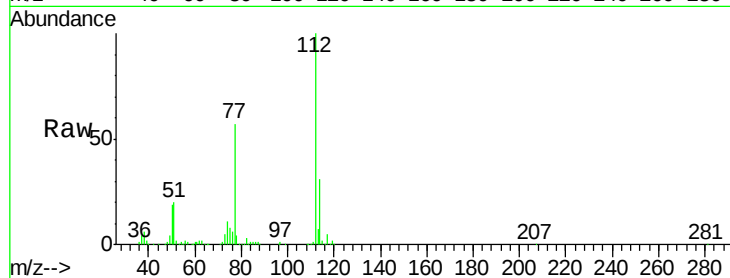
Tgt Ion: 112 Resp: 289693

Ion Ratio Lower Upper

112 100

114 31.1 22.8 42.4

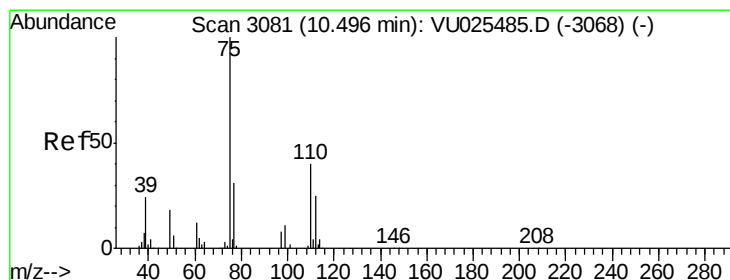
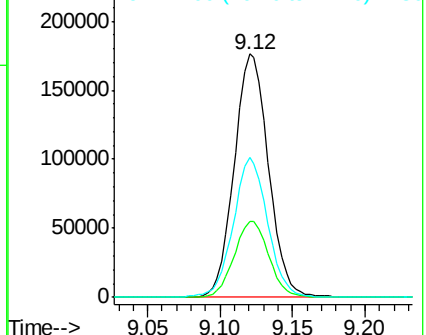
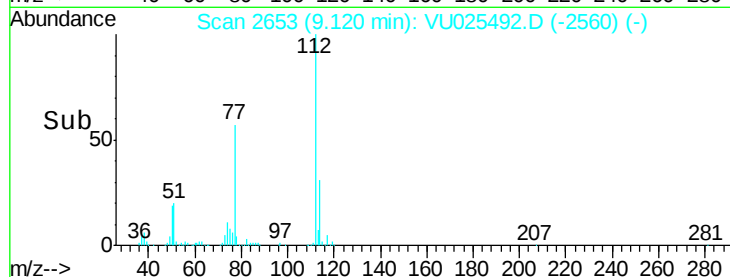
77 57.3 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.644 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU025492.D

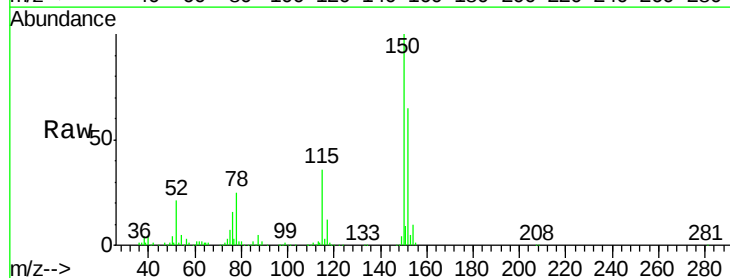
Acq: 18 Jul 2018 12:50

Tgt Ion: 75 Resp: 14901

Ion Ratio Lower Upper

75 100

77 44.2 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

