

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023990.D
 Acq On : 22 May 2018 00:37
 Operator : MD/SY
 Sample : J3031-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 22 02:04:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	254798	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	252723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86262	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.86%
7) Chloroethane-d5	1.67	69	72212	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.42%
11) 1,1-Dichloroethene-d2	2.27	63	163087	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.08%
21) 2-Butanone-d5	4.18	46	179293	108.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.65	84	169725	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.31	65	119470	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.35	84	324422	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.34	67	119981	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.57	98	275383	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	45499	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
47) 2-Hexanone-d5	8.31	63	122559	106.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172330	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.87	152	114039	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

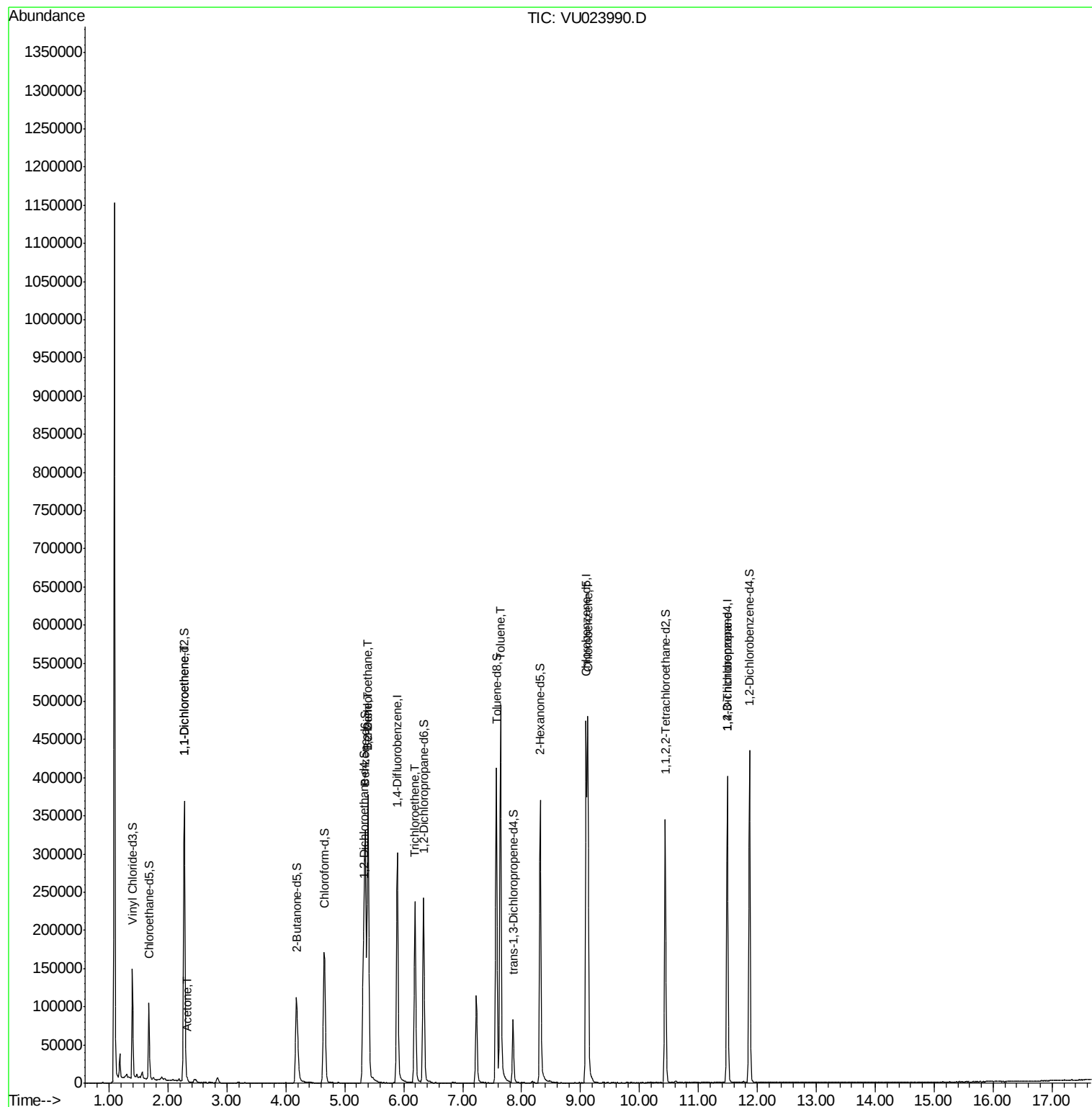
Target Compounds

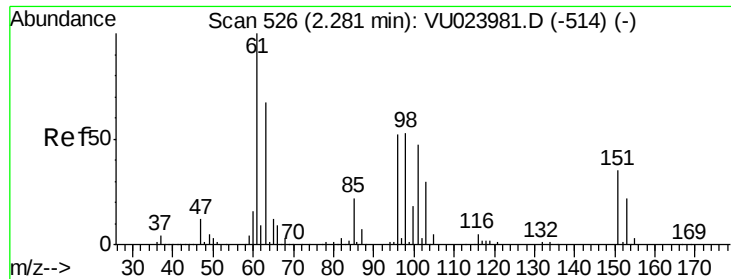
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	72931	38.32	ug/L	92
13) Acetone	2.33	43	4201	2.53	ug/L	93
27) 1,2-Dichloroethane	5.39	62	3609	1.18	ug/L #	74
33) Benzene	5.39	78	368999	44.38	ug/L	100
34) Trichloroethene	6.19	95	82700	39.00	ug/L	98
42) Toluene	7.64	91	368751	42.56	ug/L	99
51) Chlorobenzene	9.12	112	245194	41.71	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	12297	3.85	ug/L	92

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

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#12

1,1-Dichloroethene

Concen: 38.32 ug/L

RT: 2.28 min Scan# 526

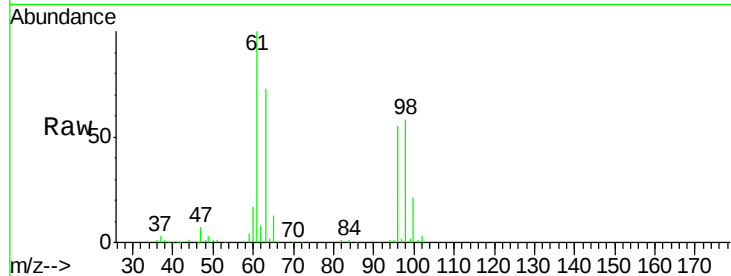
Delta R.T. -0.00 min

Lab File: VU023990.D

Acq: 22 May 2018 00:37

Tgt Ion: 96 Resp: 72931

Ion	Ratio	Lower	Upper
96	100		
61	182.2	129.5	240.5
63	133.3	106.9	198.5

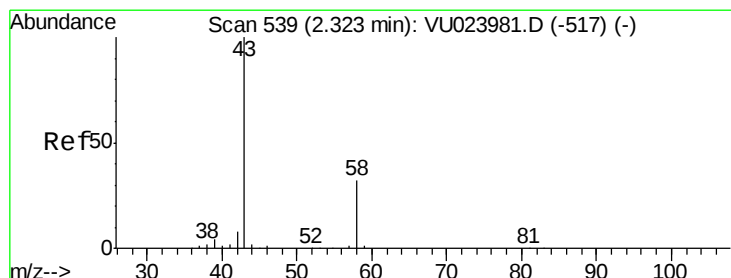
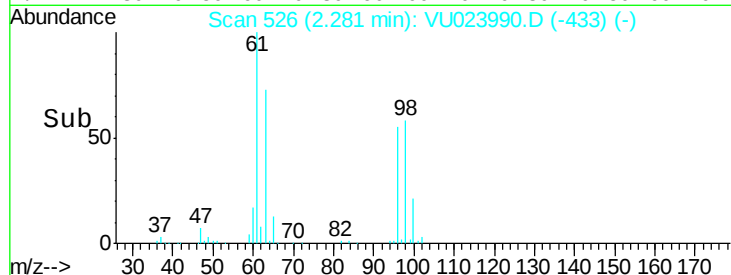
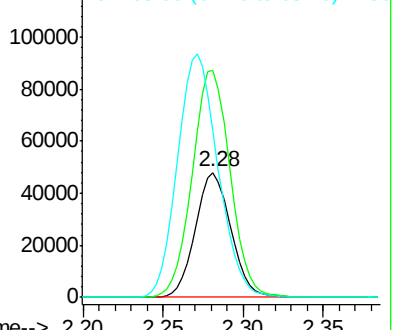


Abundance

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: 2.53 ug/L

RT: 2.33 min Scan# 540

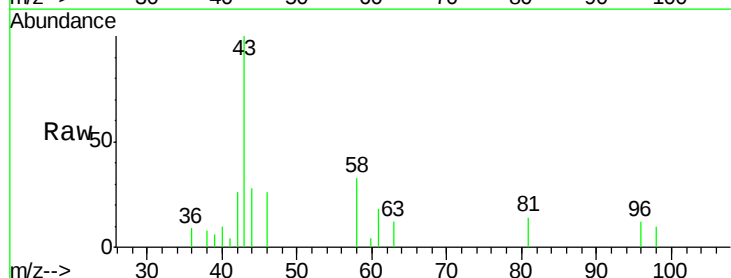
Delta R.T. 0.00 min

Lab File: VU023990.D

Acq: 22 May 2018 00:37

Tgt Ion: 43 Resp: 4201

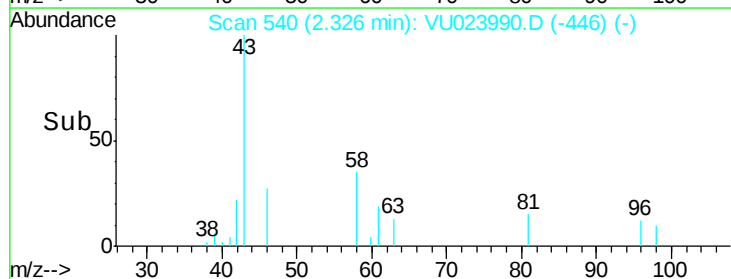
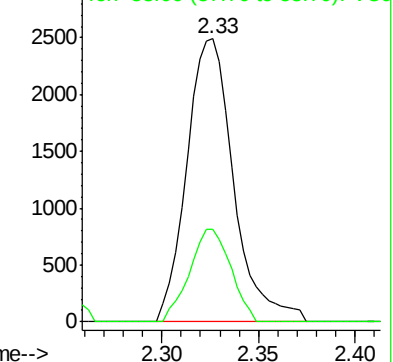
Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	65.6

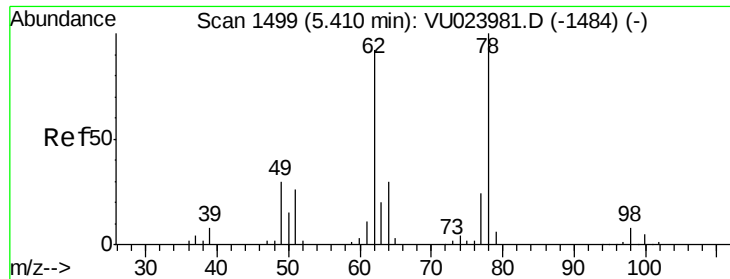


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 1.18 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.02 min

Lab File: VU023990.D

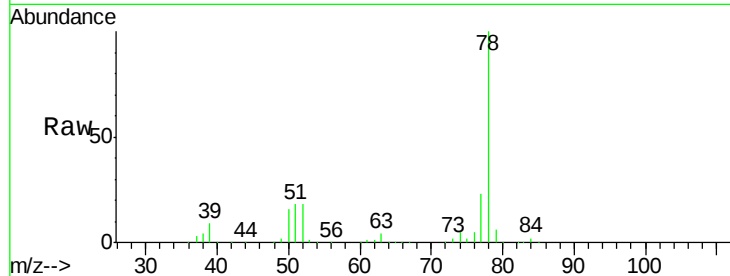
Acq: 22 May 2018 00:37

Tgt Ion: 62 Resp: 3609

Ion Ratio Lower Upper

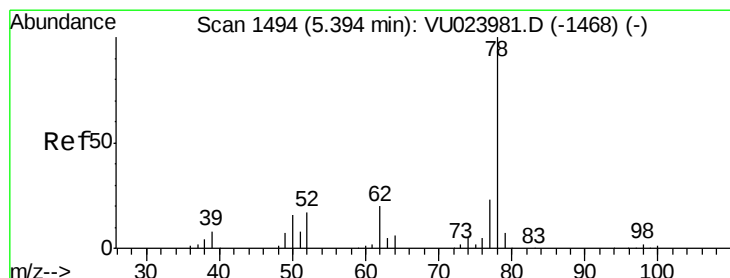
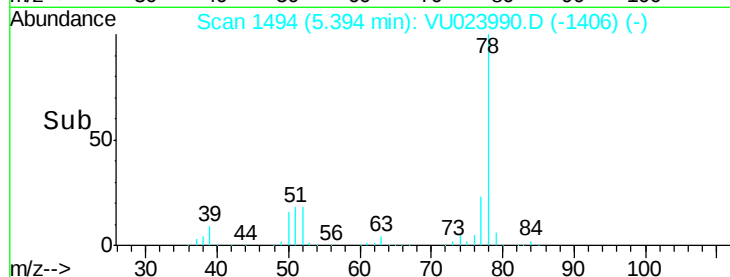
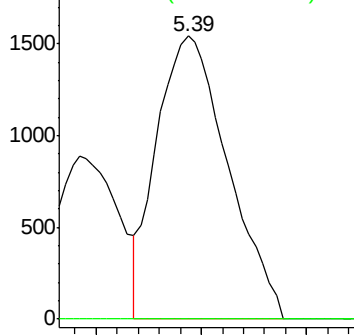
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 44.38 ug/L

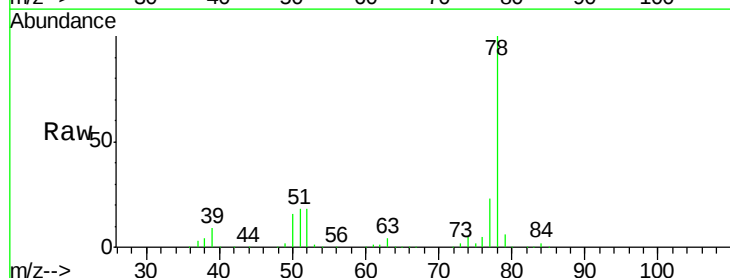
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

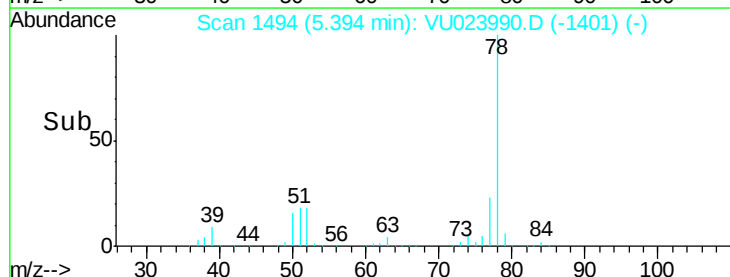
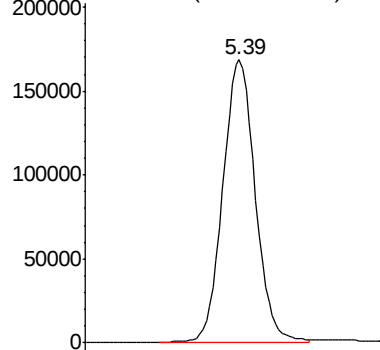
Lab File: VU023990.D

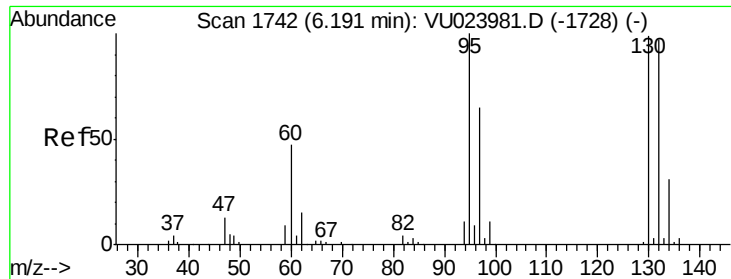
Acq: 22 May 2018 00:37

Tgt Ion: 78 Resp: 368999



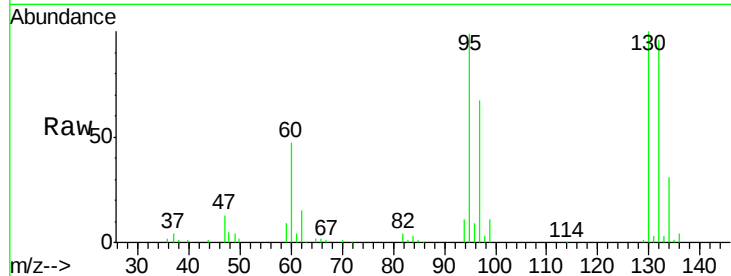
Abundance Ion 78.00 (77.70 to 78.70): VU0



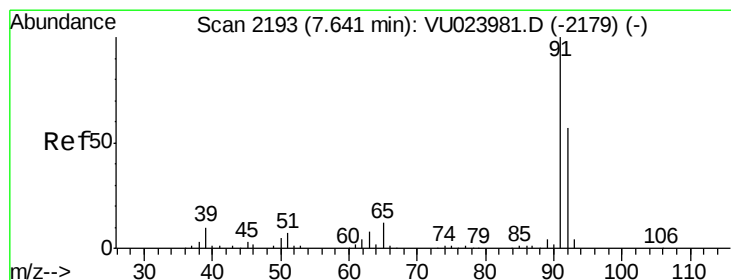
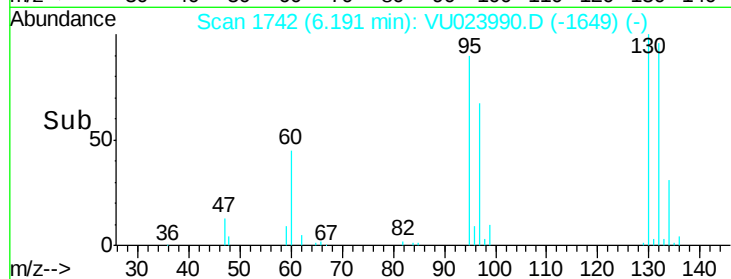
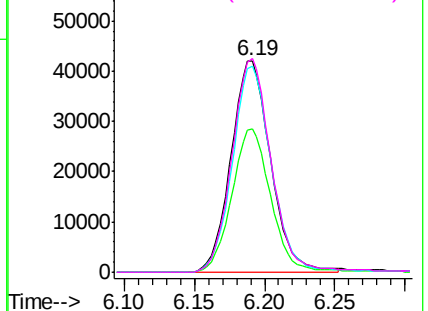


#34
 Trichloroethene
 Concen: 39.00 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU023990.D
 Acq: 22 May 2018 00:37

Tgt Ion: 95 Resp: 82700
 Ion Ratio Lower Upper
 95 100
 97 68.1 45.4 84.2
 132 97.4 69.0 128.1
 130 101.1 71.7 133.1

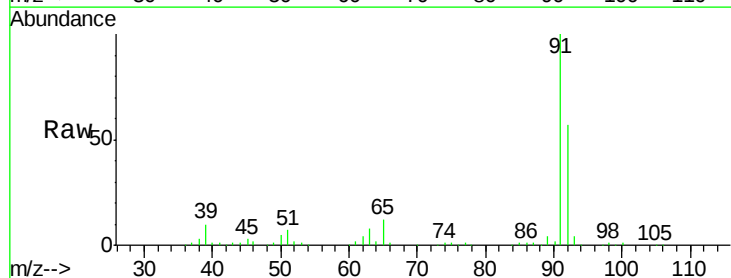


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

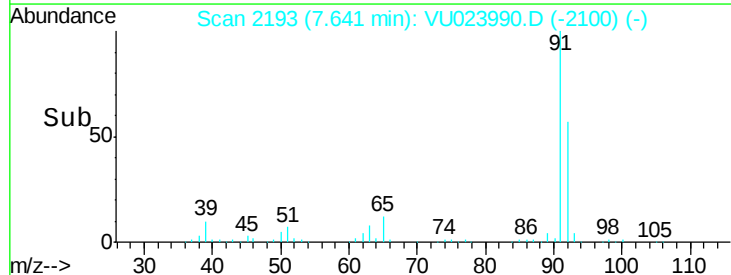
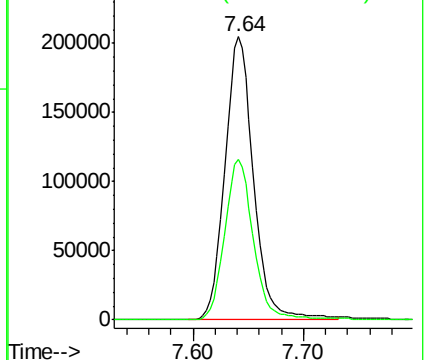


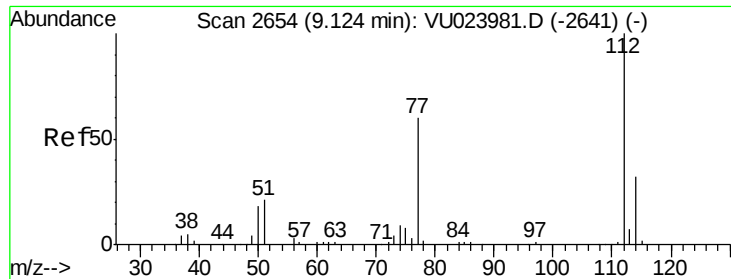
#42
 Toluene
 Concen: 42.56 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU023990.D
 Acq: 22 May 2018 00:37

Tgt Ion: 91 Resp: 368751
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 41.71 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023990.D

Acq: 22 May 2018 00:37

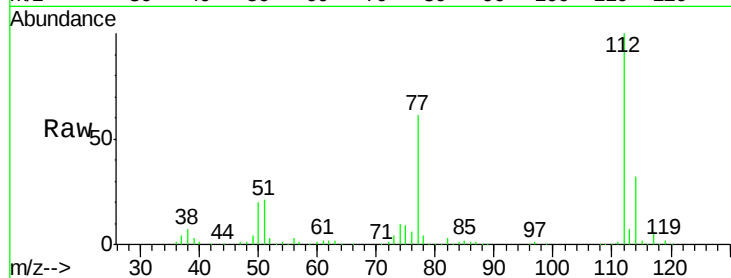
Tgt Ion: 112 Resp: 245194

Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

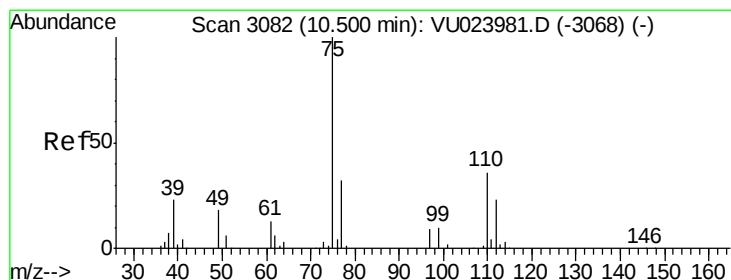
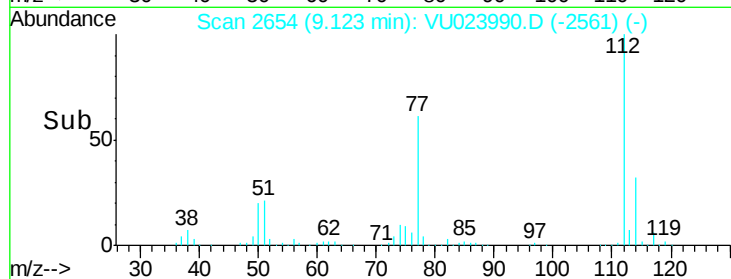
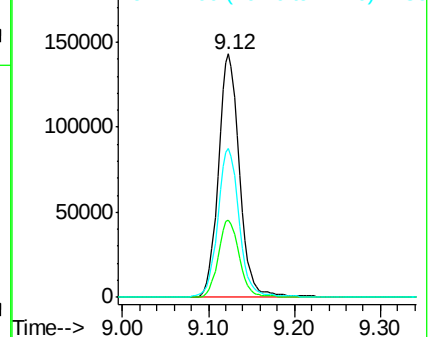
77 61.1 46.7 70.1



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): V



#59

1,2,3-Trichloropropane

Concen: 3.85 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023990.D

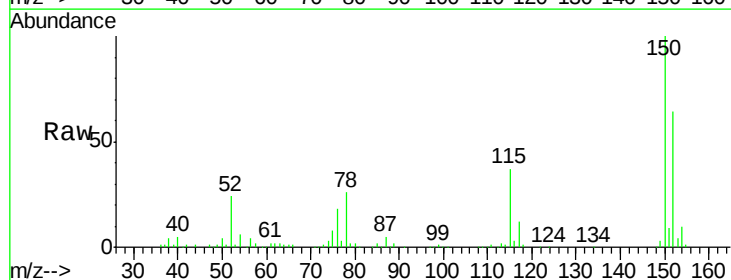
Acq: 22 May 2018 00:37

Tgt Ion: 75 Resp: 12297

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

