

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024024.D
 Acq On : 22 May 2018 19:02
 Operator : MD/SY
 Sample : J3043-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 23 02:54:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	279844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84162	32.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.74%
7) Chloroethane-d5	1.67	69	73519	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.76%
11) 1,1-Dichloroethene-d2	2.27	63	175075	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.18	46	191197	105.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	4.65	84	174659	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	124444	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.35	84	343866	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.34	67	126300	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.57	98	310209	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	7.85	79	52059	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.31	63	137609	110.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186514	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.87	152	132404	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

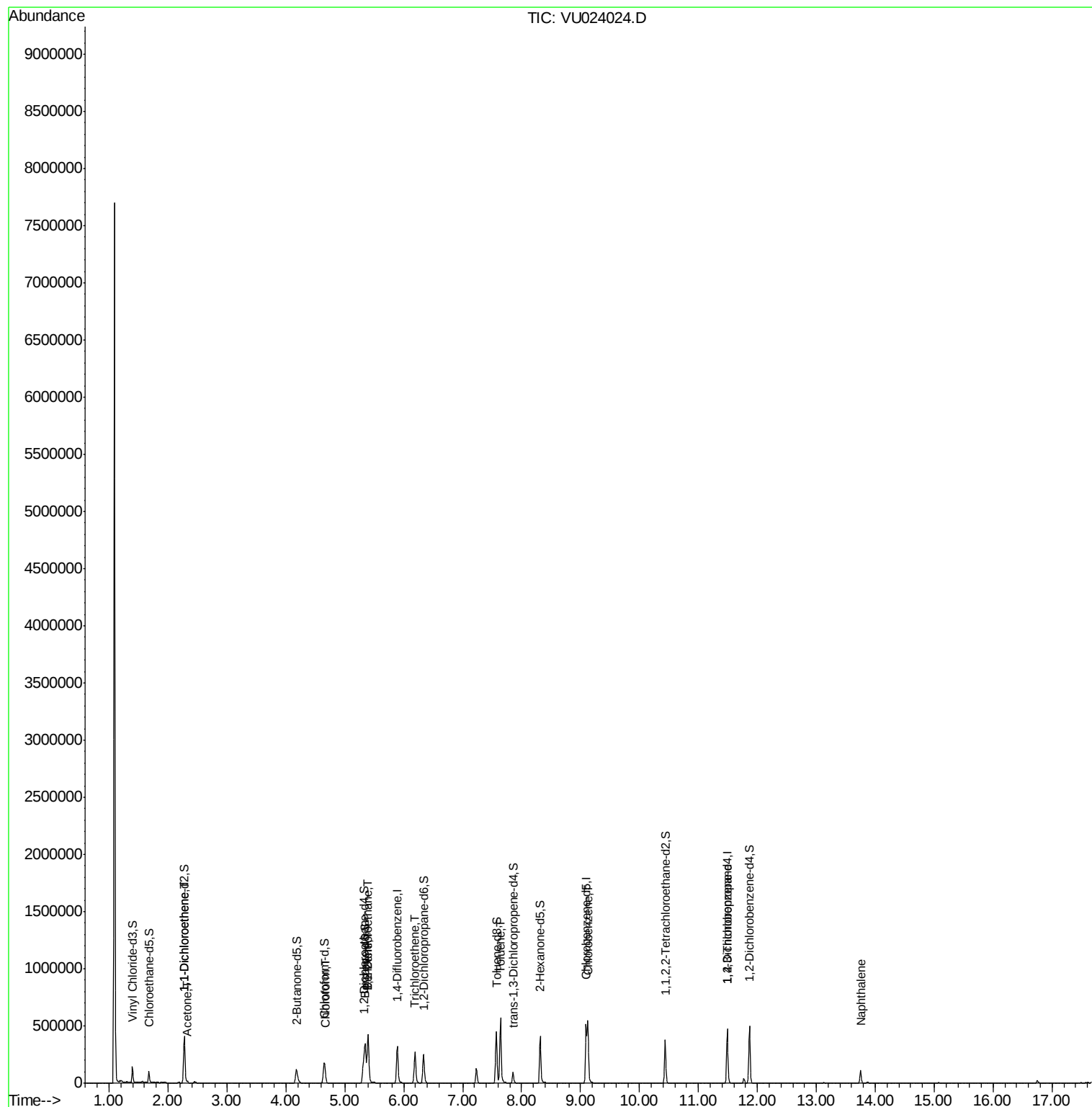
Target Compounds

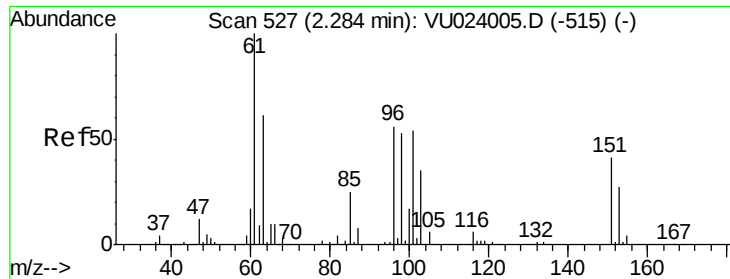
						Qvalue
12) 1,1-Dichloroethene	2.28	96	83274	39.84	ug/L	91
13) Acetone	2.32	43	15104	8.29	ug/L	95
25) Chloroform	4.68	83	6679	1.51	ug/L	92
27) 1,2-Dichloroethane	5.40	62	3838	1.14	ug/L #	74
33) Benzene	5.39	78	418787	46.45	ug/L	100
34) Trichloroethene	6.19	95	99249	43.16	ug/L	96
42) Toluene	7.64	91	434803	46.27	ug/L	99
51) Chlorobenzene	9.12	112	285865	44.84	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	14955	4.32	ug/L	90
69) Naphthalene	13.75	128	89550	10.76	ug/L	99

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

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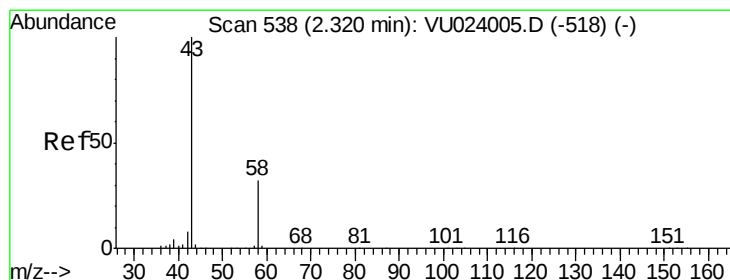
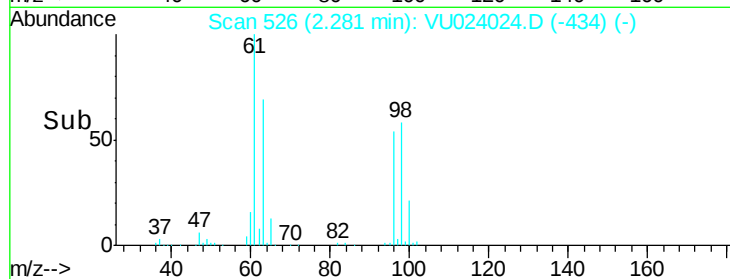
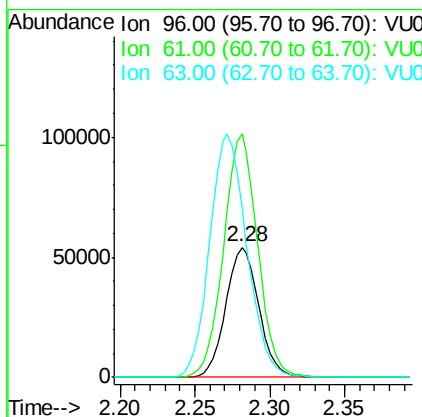
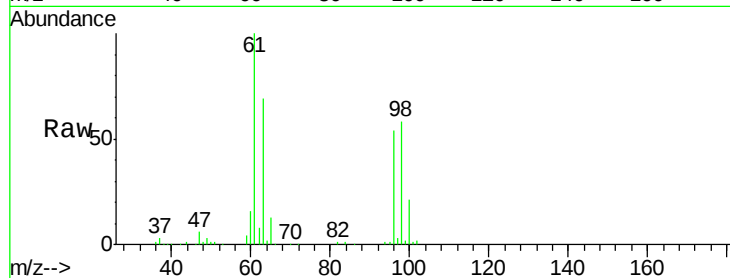
Quant Time: May 23 02:54:16 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
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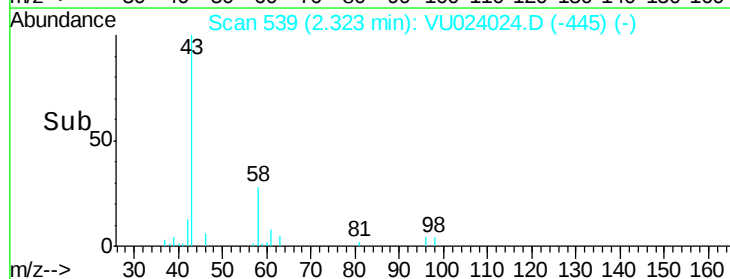
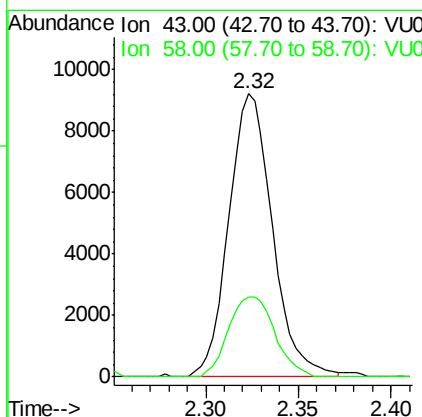
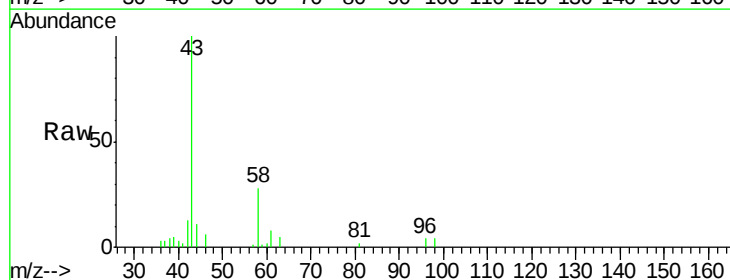
#12
 1,1-Dichloroethene
 Concen: 39.84 ug/L
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU024024.D
 Acq: 22 May 2018 19:02

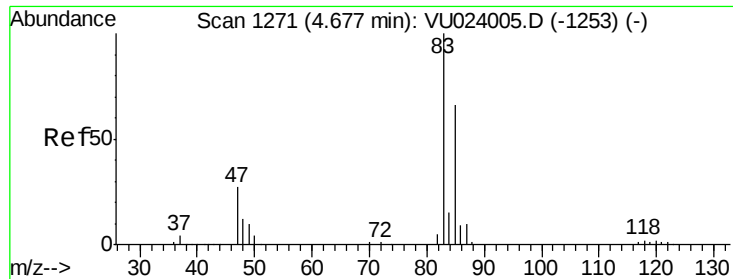
Tgt Ion:	96	Resp:	83274
Ion	Ratio	Lower	Upper
96	100		
61	186.8	129.5	240.5
63	129.8	106.9	198.5



#13
 Acetone
 Concen: 8.29 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU024024.D
 Acq: 22 May 2018 19:02

Tgt Ion:	43	Resp:	15104
Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	65.6





#25

Chloroform

Concen: 1.51 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024024.D

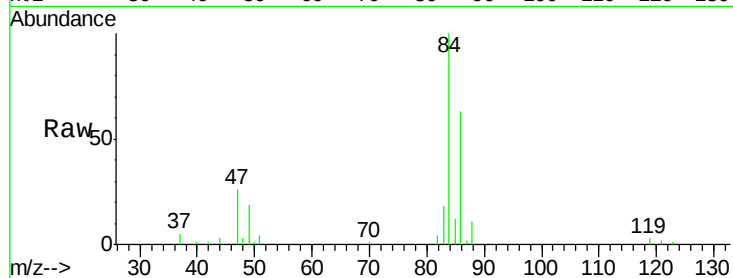
Acq: 22 May 2018 19:02

Tgt Ion: 83 Resp: 6679

Ion Ratio Lower Upper

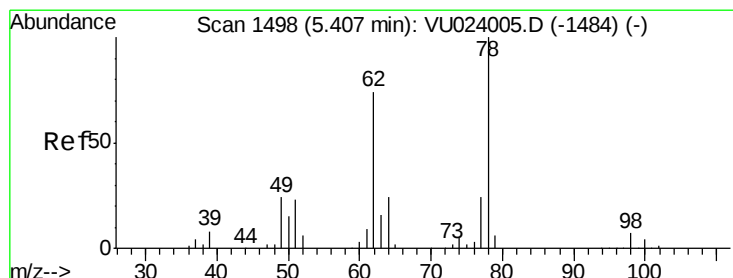
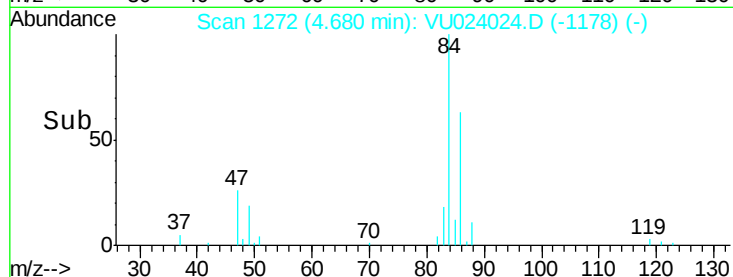
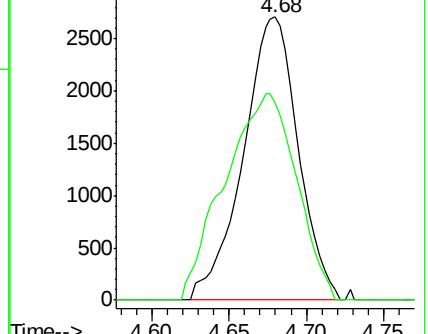
83 100

85 70.0 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 1.14 ug/L

RT: 5.40 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VU024024.D

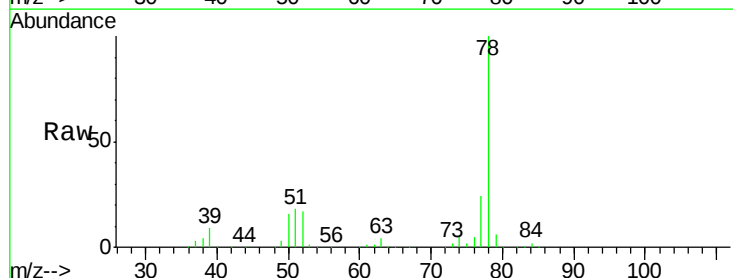
Acq: 22 May 2018 19:02

Tgt Ion: 62 Resp: 3838

Ion Ratio Lower Upper

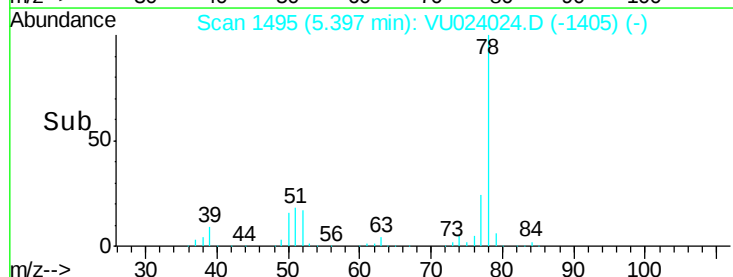
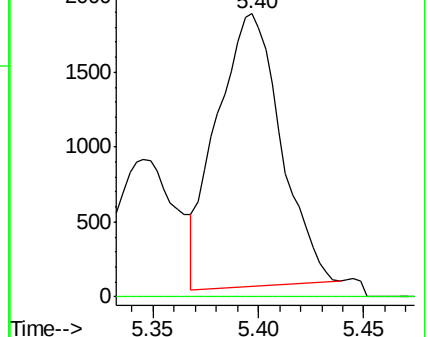
62 100

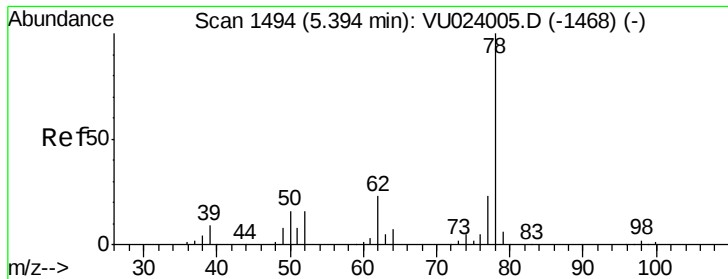
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 46.45 ug/L

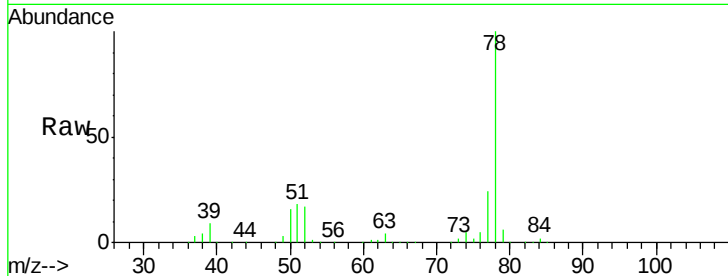
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

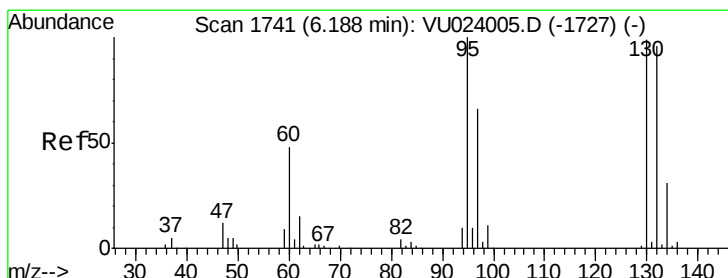
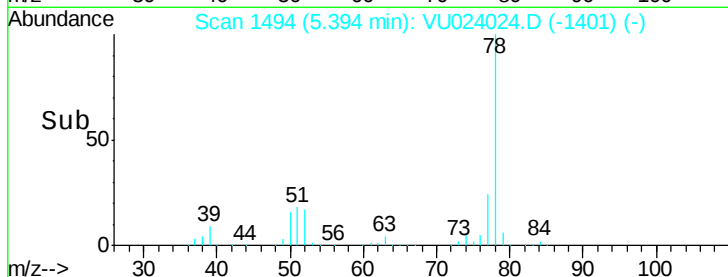
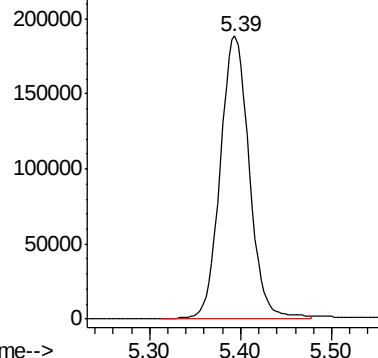
Lab File: VU024024.D

Acq: 22 May 2018 19:02

Tgt Ion: 78 Resp: 418787



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 43.16 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

Tgt Ion: 95 Resp: 99249

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.4	84.2
132	95.8	69.0	128.1
130	97.6	71.7	133.1

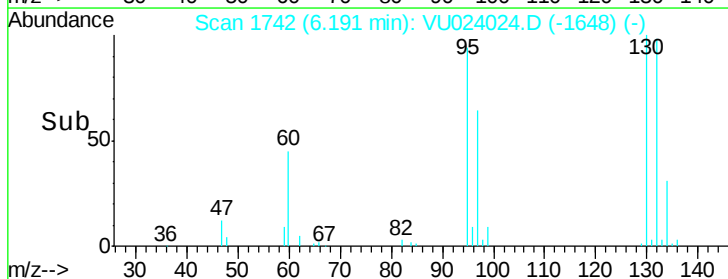
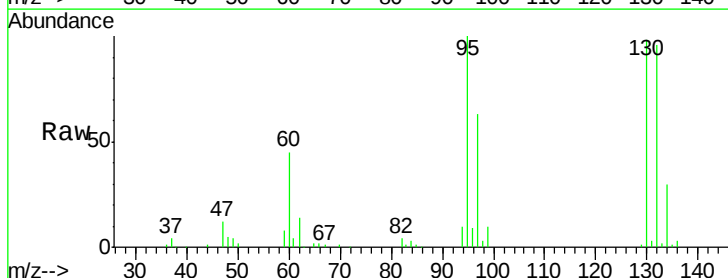
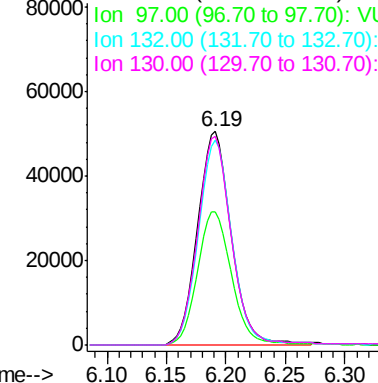
Ion 95.00 (94.70 to 95.70): VU0

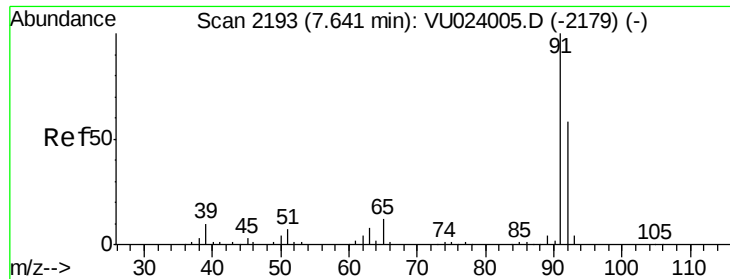
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VU0





#42

Toluene

Concen: 46.27 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024024.D

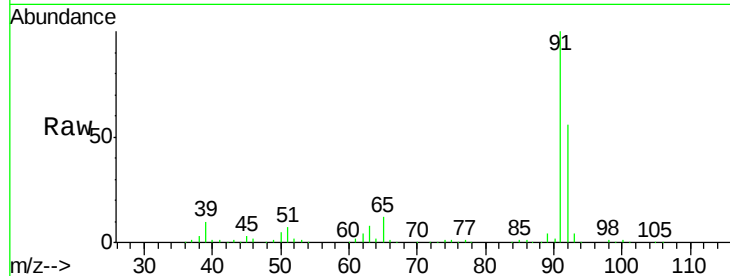
Acq: 22 May 2018 19:02

Tgt Ion: 91 Resp: 434803

Ion Ratio Lower Upper

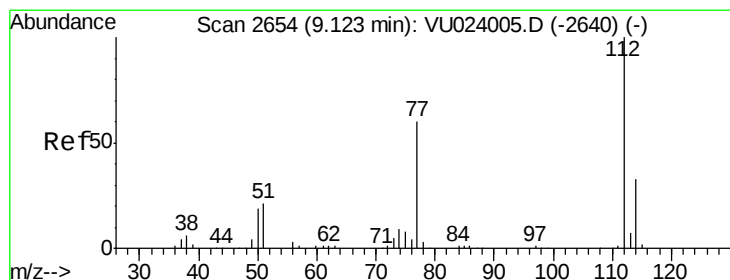
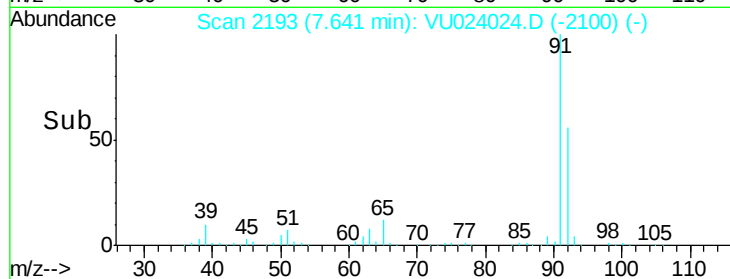
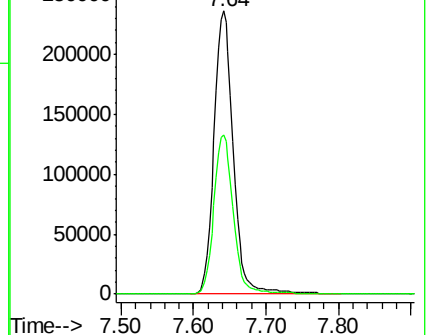
91 100

92 56.4 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: 44.84 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

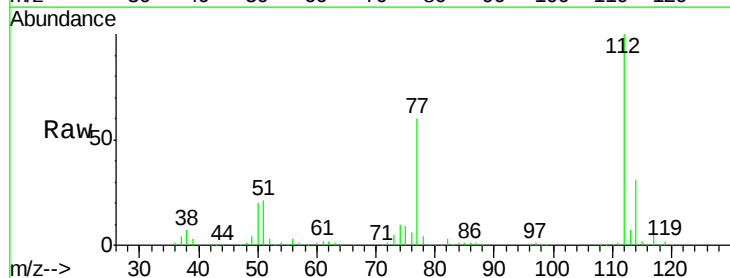
Tgt Ion: 112 Resp: 285865

Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.1

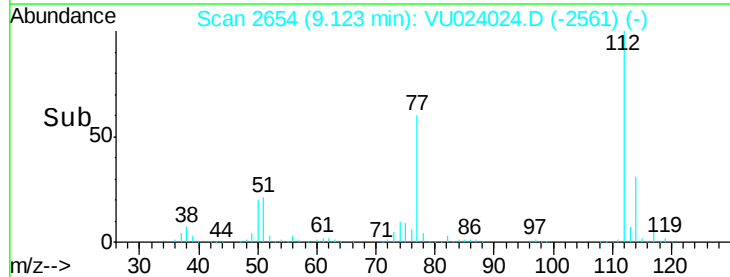
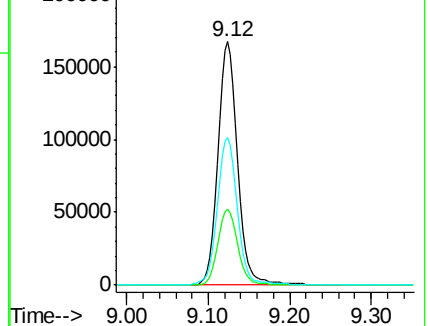
77 60.5 46.7 70.1

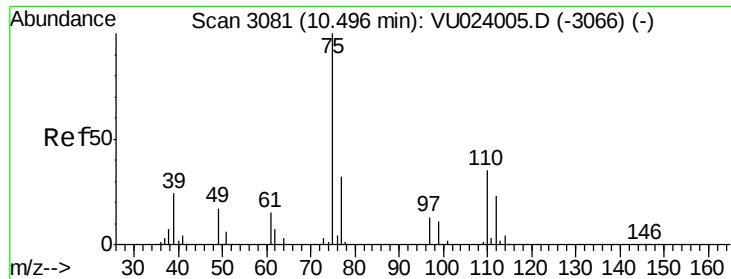


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

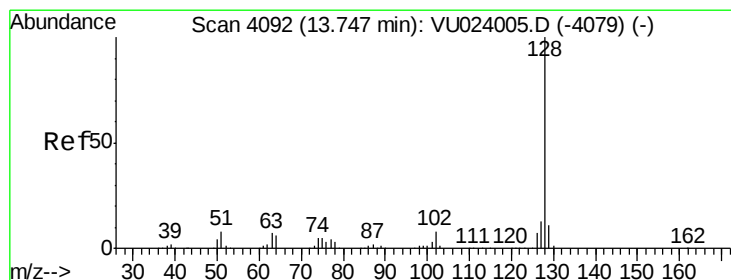
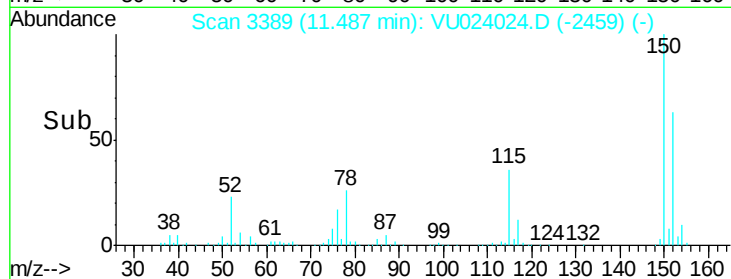
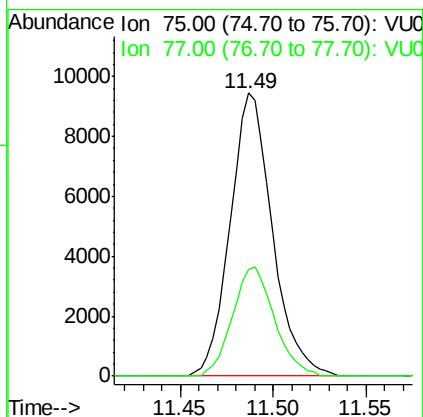
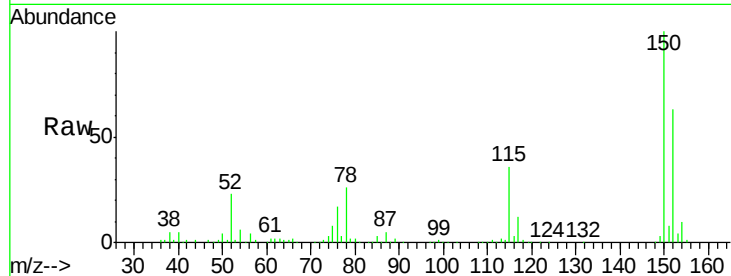
Ion 77.00 (76.70 to 77.70): VU0





#59
1,2,3-Trichloropropane
Concen: 4.32 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU024024.D
Acq: 22 May 2018 19:02

Tgt Ion: 75 Resp: 14955
Ion Ratio Lower Upper
75 100
77 38.2 26.2 39.4



#69
Naphthalene
Concen: 10.76 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU024024.D
Acq: 22 May 2018 19:02

Tgt Ion: 128 Resp: 89550
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.8 8.6 12.8

