

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024026.D
 Acq On : 22 May 2018 19:53
 Operator : MD/SY
 Sample : J3043-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 23 02:54:34 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	282035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85013	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.88%
7) Chloroethane-d5	1.67	69	72787	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.50%
11) 1,1-Dichloroethene-d2	2.27	63	176424	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.18	46	194538	106.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.67%
24) Chloroform-d	4.65	84	177372	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.31	65	125978	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
32) Benzene-d6	5.35	84	349575	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
36) 1,2-Dichloropropane-d6	6.34	67	127924	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.57	98	308695	40.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.32%
43) trans-1,3-Dichloropropene-	7.85	79	52014	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.31	63	137159	106.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187253	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.87	152	129889	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

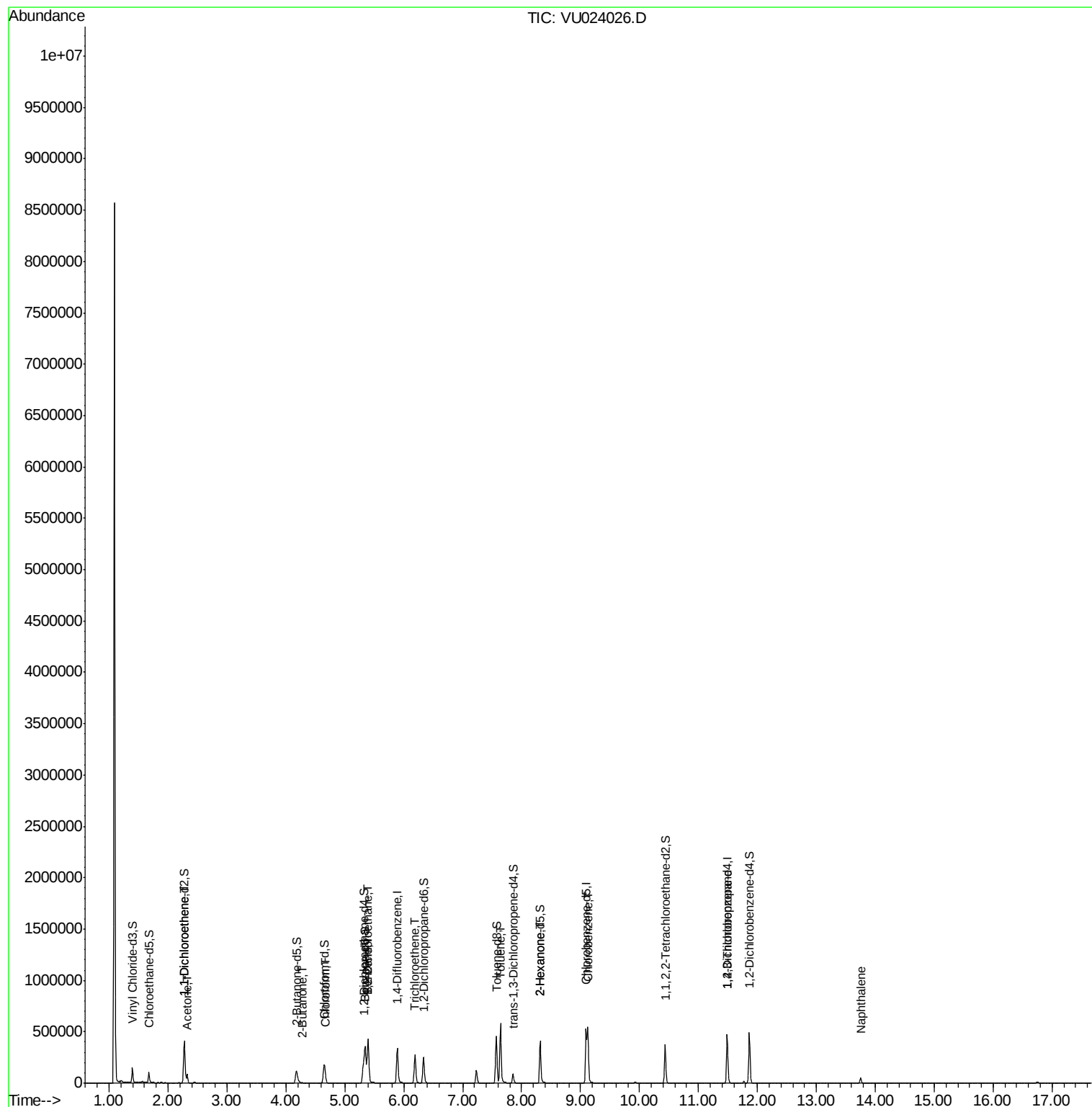
Target Compounds

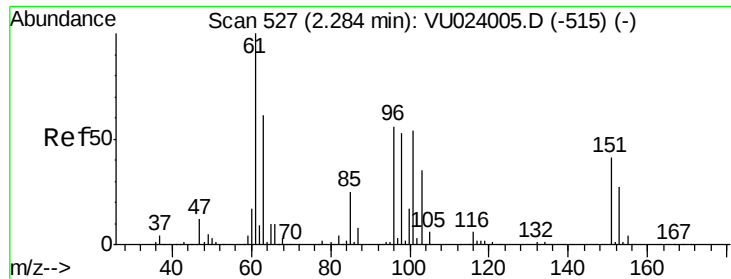
						Qvalue
12) 1,1-Dichloroethene	2.28	96	85690	40.68	ug/L	91
13) Acetone	2.32	43	87810	47.80	ug/L	98
22) 2-Butanone	4.27	43	2578	1.15	ug/L #	42
25) Chloroform	4.68	83	7002	1.57	ug/L	95
27) 1,2-Dichloroethane	5.39	62	3994	1.18	ug/L #	74
33) Benzene	5.39	78	420921	45.32	ug/L	100
34) Trichloroethene	6.19	95	99428	41.97	ug/L	98
42) Toluene	7.64	91	431630	44.60	ug/L	100
48) 2-Hexanone	8.31	43	16920	5.38	ug/L #	69
51) Chlorobenzene	9.12	112	284543	43.33	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	15297	4.29	ug/L	92
69) Naphthalene	13.75	128	41082	4.90	ug/L	98

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

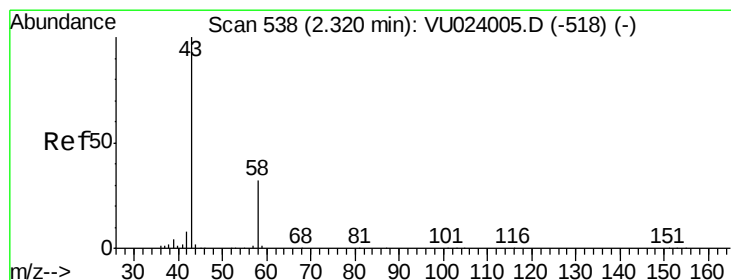
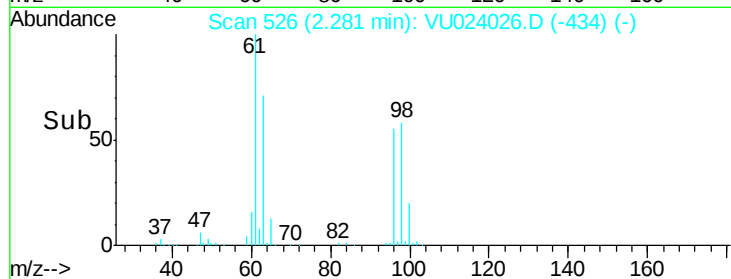
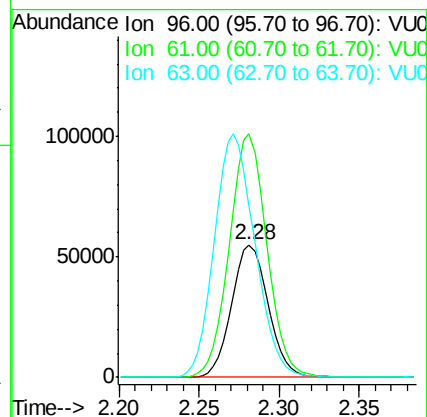
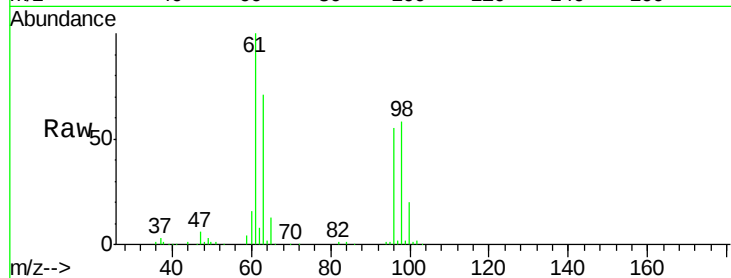
Quant Time: May 23 02:54:34 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
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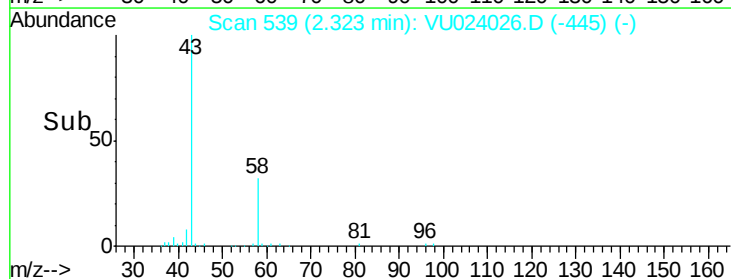
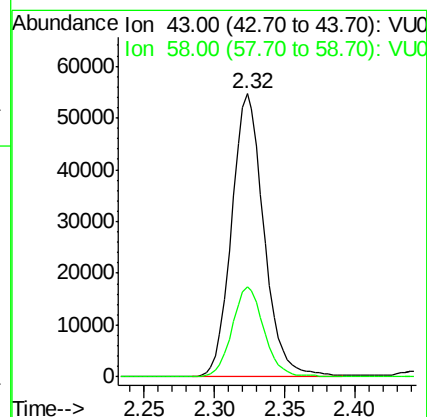
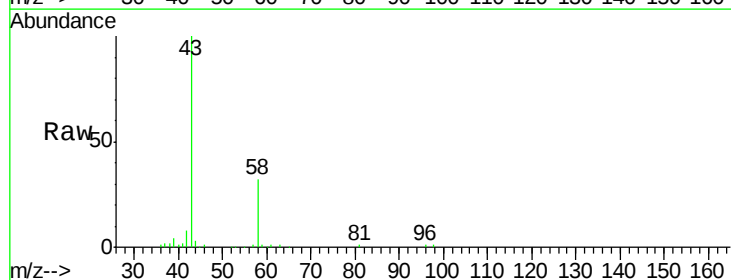
#12
 1,1-Dichloroethene
 Concen: 40.68 ug/L
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

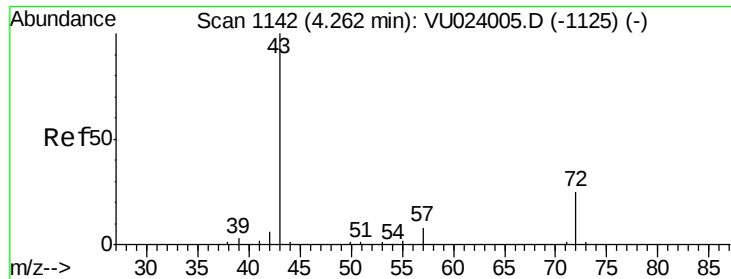
Tgt Ion:	96	Resp:	85690
Ion	Ratio	Lower	Upper
96	100		
61	183.3	129.5	240.5
63	129.9	106.9	198.5



#13
 Acetone
 Concen: 47.80 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

Tgt Ion:	43	Resp:	87810
Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	65.6





#22

2-Butanone

Concen: 1.15 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU024026.D

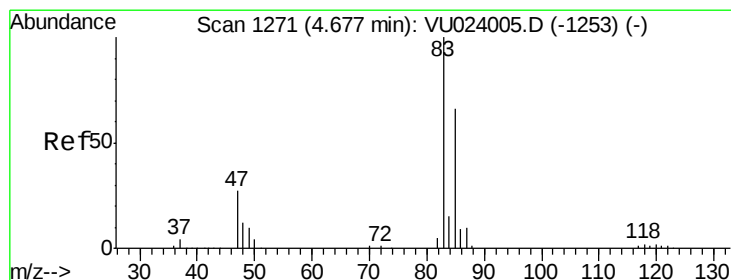
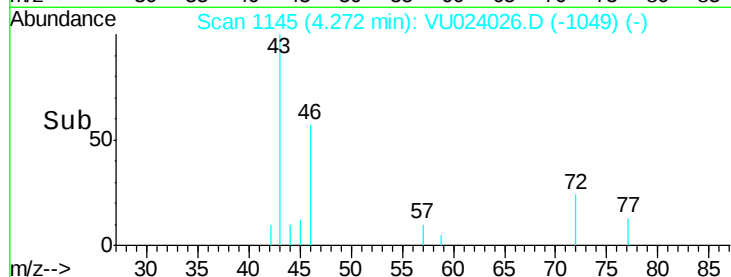
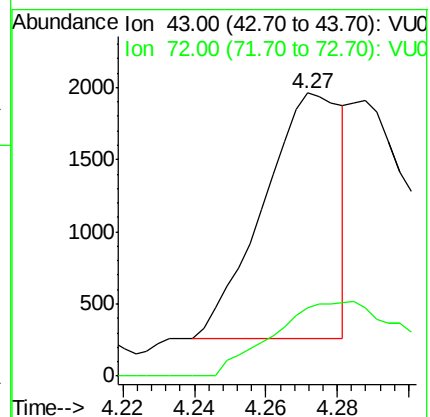
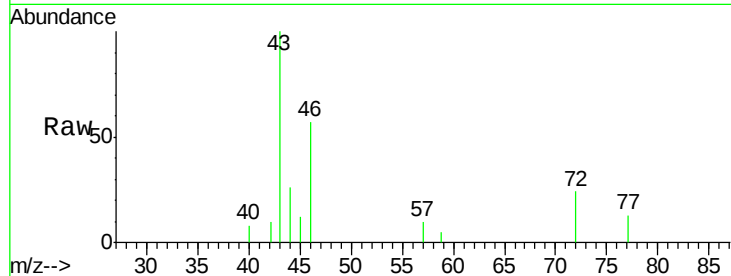
Acq: 22 May 2018 19:53

Tgt Ion: 43 Resp: 2578

Ion Ratio Lower Upper

43 100

72 54.8 12.8 38.4#



#25

Chloroform

Concen: 1.57 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU024026.D

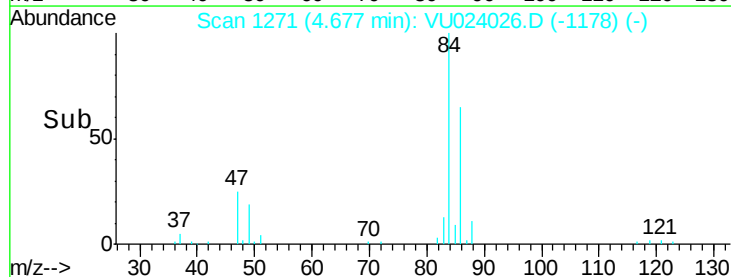
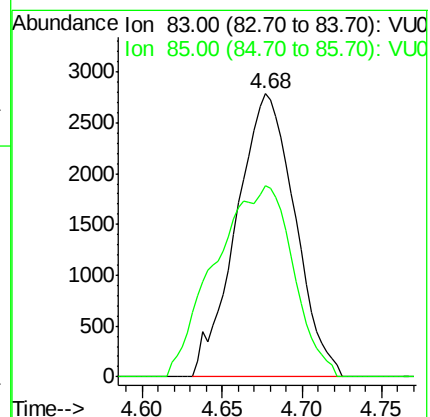
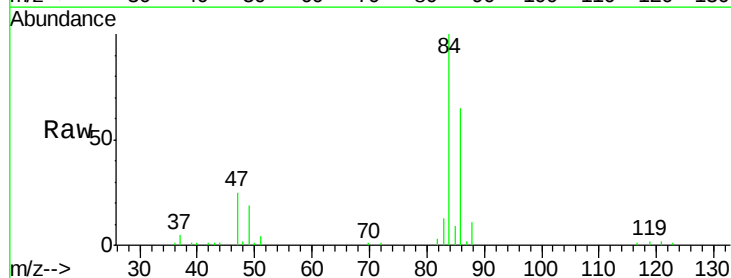
Acq: 22 May 2018 19:53

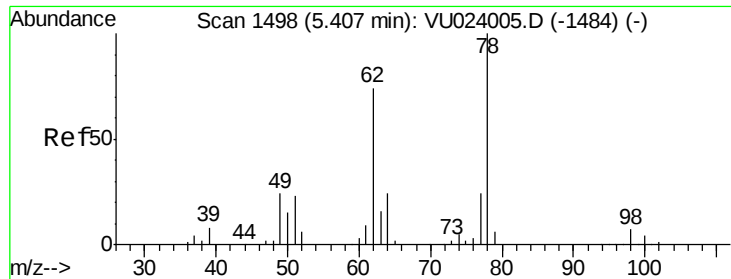
Tgt Ion: 83 Resp: 7002

Ion Ratio Lower Upper

83 100

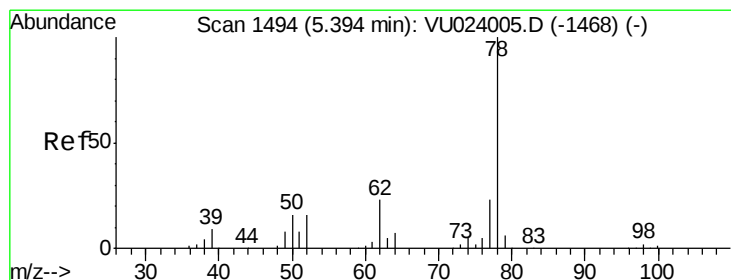
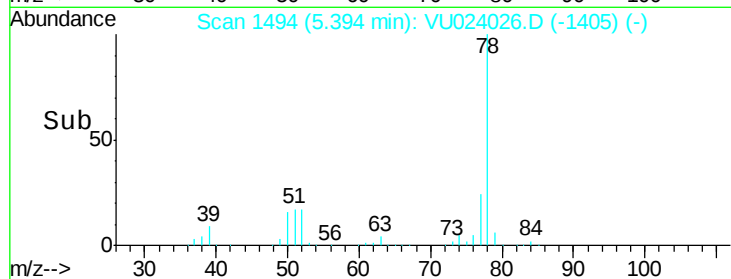
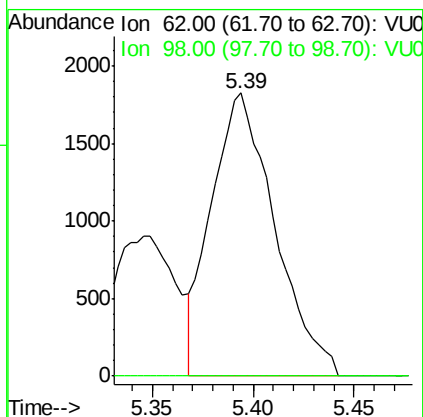
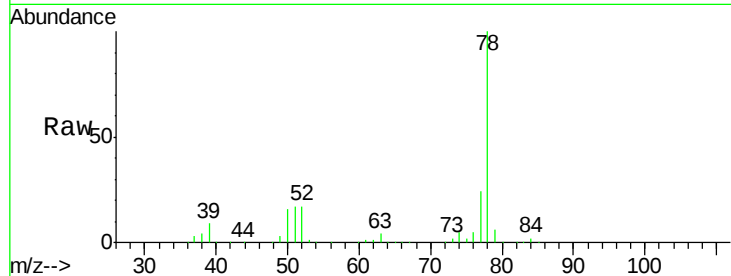
85 67.4 44.4 82.5





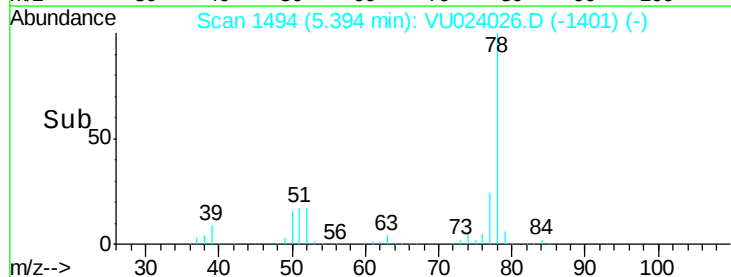
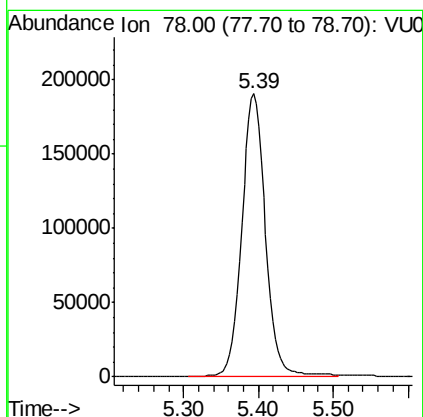
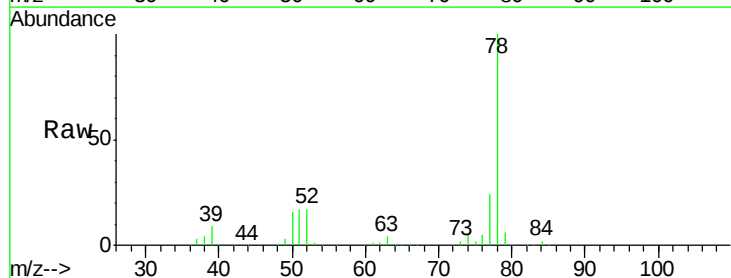
#27
 1,2-Dichloroethane
 Concen: 1.18 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

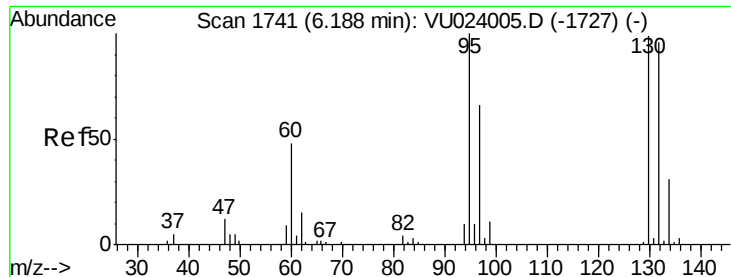
Tgt Ion: 62 Resp: 3994
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#33
 Benzene
 Concen: 45.32 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

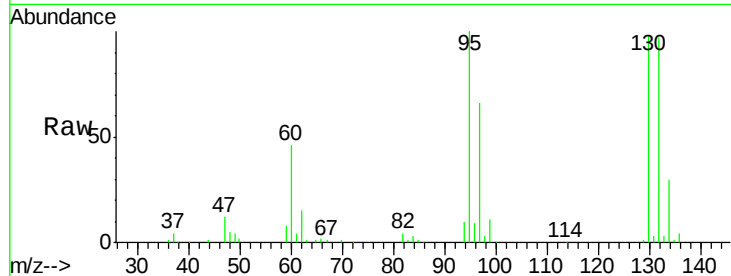
Tgt Ion: 78 Resp: 420921



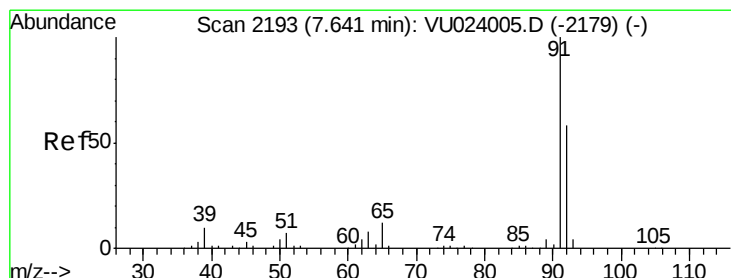
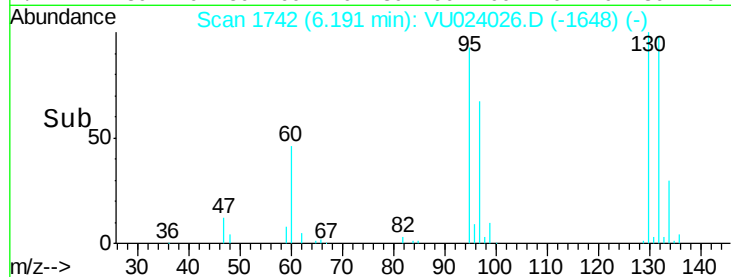
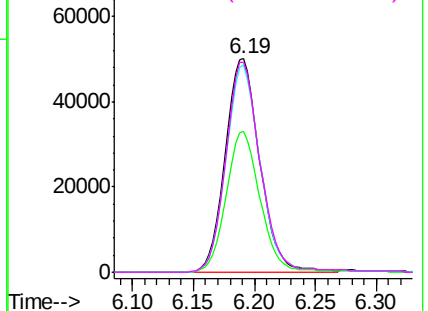


#34
 Trichloroethene
 Concen: 41.97 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

Tgt Ion: 95 Resp: 99428
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.4 84.2
 132 96.8 69.0 128.1
 130 98.4 71.7 133.1

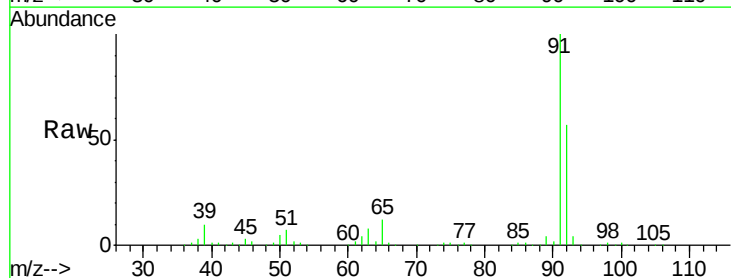


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

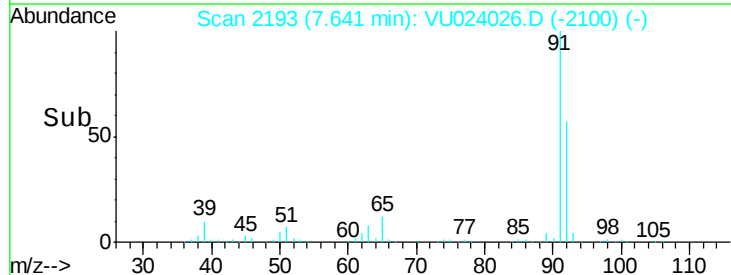
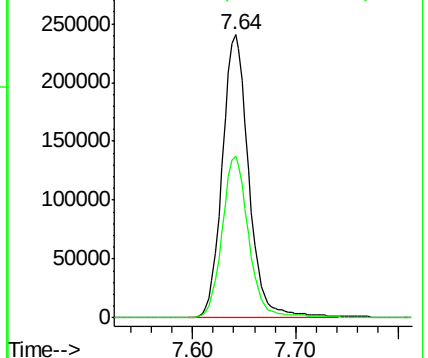


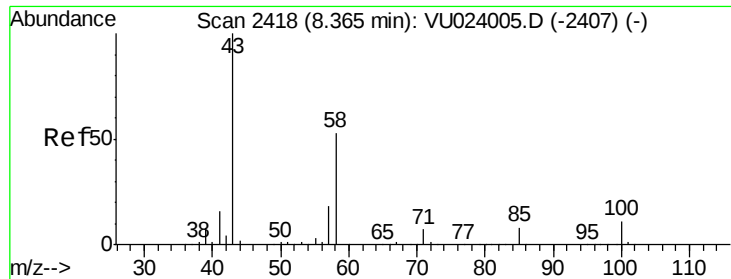
#42
 Toluene
 Concen: 44.60 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

Tgt Ion: 91 Resp: 431630
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.0 74.4



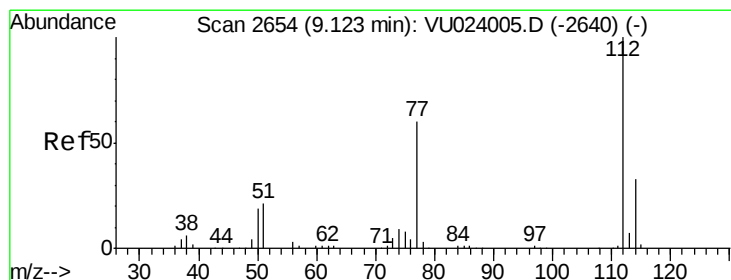
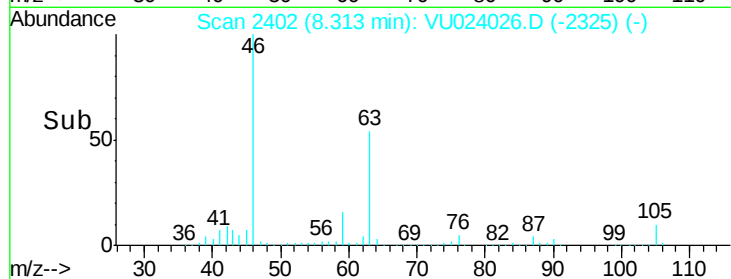
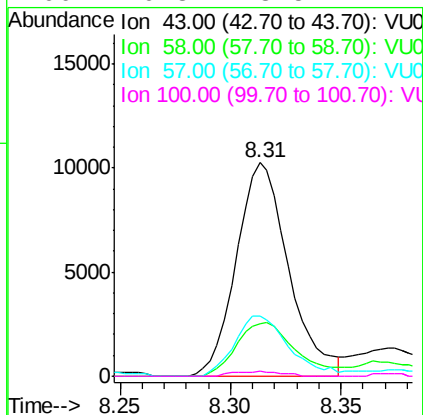
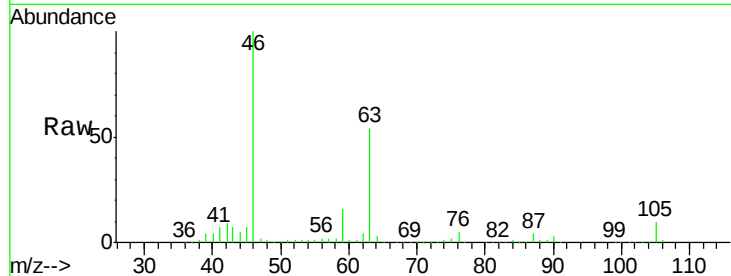
Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





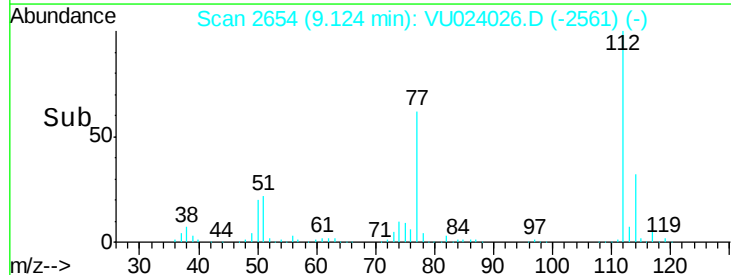
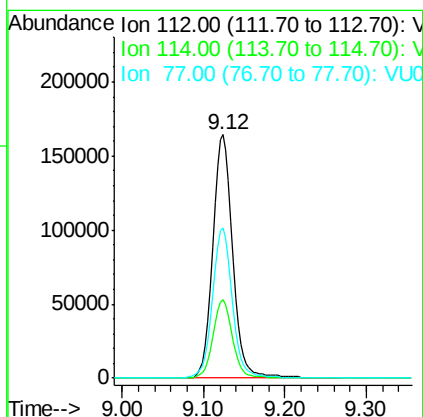
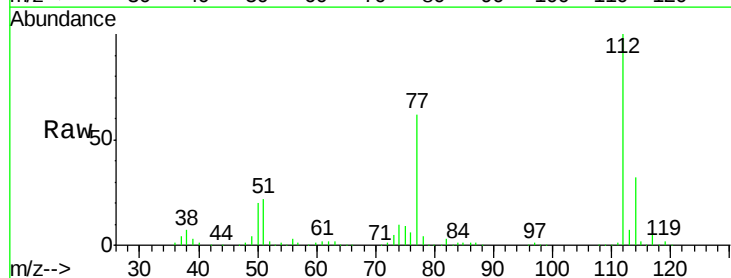
#48
2-Hexanone
Concen: 5.38 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024026.D
Acq: 22 May 2018 19:53

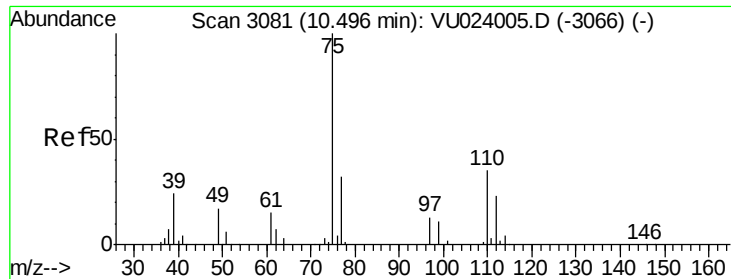
Tgt Ion: 43 Resp: 16920
Ion Ratio Lower Upper
43 100
58 28.2 42.6 63.8#
57 28.2 14.9 22.3#
100 0.8 8.5 12.7#



#51
Chlorobenzene
Concen: 43.33 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024026.D
Acq: 22 May 2018 19:53

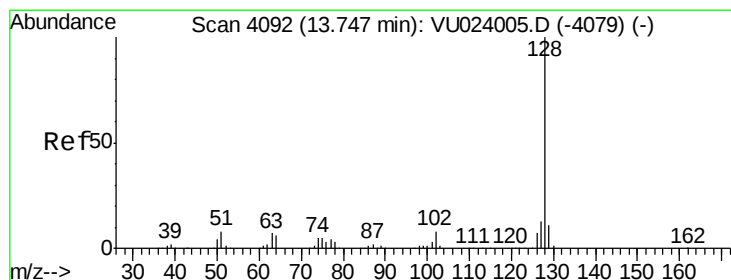
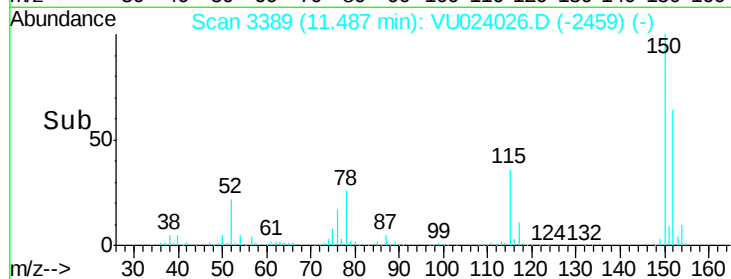
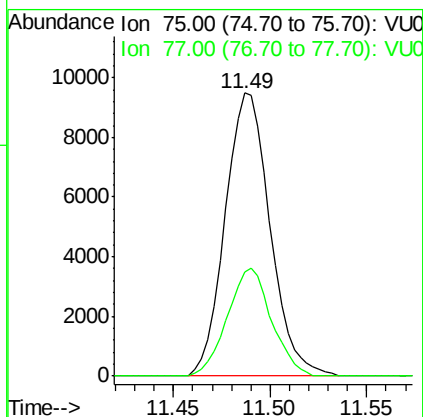
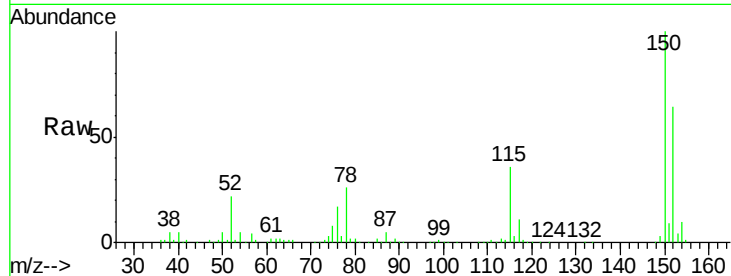
Tgt Ion: 112 Resp: 284543
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 61.7 46.7 70.1





#59
 1,2,3-Trichloropropane
 Concen: 4.29 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

Tgt Ion: 75 Resp: 15297
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.2 39.4



#69
 Naphthalene
 Concen: 4.90 ug/L
 RT: 13.75 min Scan# 4093
 Delta R.T. 0.00 min
 Lab File: VU024026.D
 Acq: 22 May 2018 19:53

Tgt Ion: 128 Resp: 41082
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.3 15.5
 129 11.5 8.6 12.8

