

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026418.D
 Acq On : 28 Aug 2018 23:45
 Operator : MD/SY
 Sample : J4633-06MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3J8MSD

Quant Time: Aug 29 02:32:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	61372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	60716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	26734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20244	2.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.40%
7) Chloroethane-d5	1.68	69	18532	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.20%#
11) 1,1-Dichloroethene-d2	2.27	63	47197	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.20	46	54664	36.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.32%
24) Chloroform-d	4.65	84	36777	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.31	65	20733	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
32) Benzene-d6	5.34	84	70626	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.00%#
36) 1,2-Dichloropropane-d6	6.34	67	24454	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.00%
41) Toluene-d8	7.57	98	60406	3.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.20%#
43) trans-1,3-Dichloropropene-	7.85	79	7934	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.32	63	40049	35.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.92%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19156	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	24685	3.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.20%#

Target Compounds

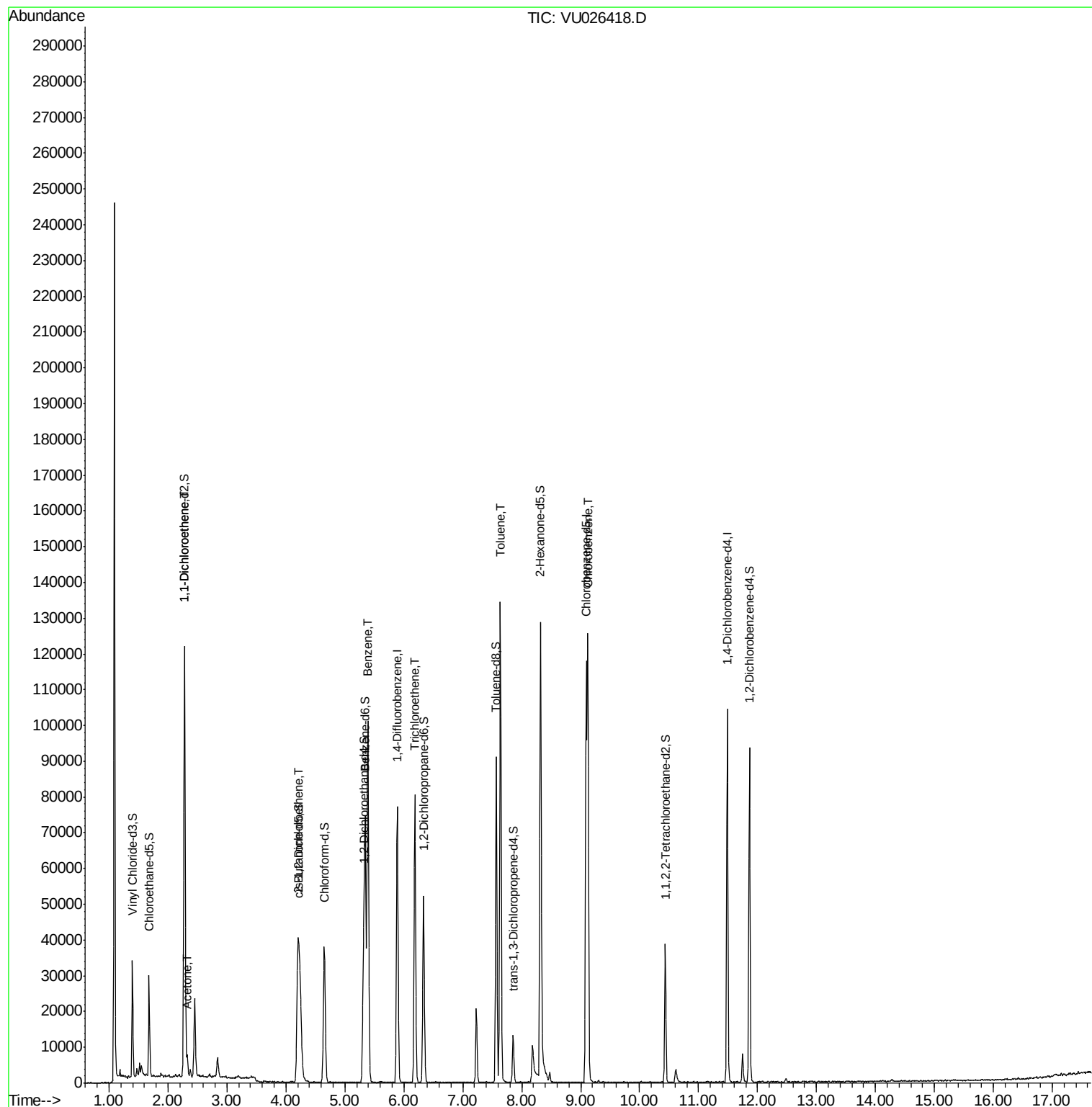
						Ovalue
12) 1,1-Dichloroethene	2.28	96	25856	5.14	ug/L	85
13) Acetone	2.32	43	6055	5.42	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	10652	1.91	ug/L	92
33) Benzene	5.39	78	95999	4.76	ug/L	100
34) Trichloroethene	6.19	95	27073	4.98	ug/L	96
42) Toluene	7.64	91	97959	4.77	ug/L	98
51) Chlorobenzene	9.12	112	62764	4.71	ug/L	98

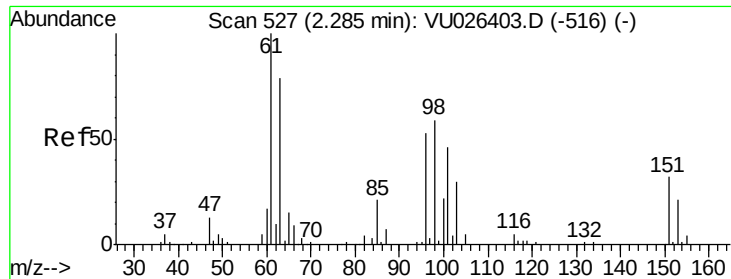
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.14 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

DB3J8MSD

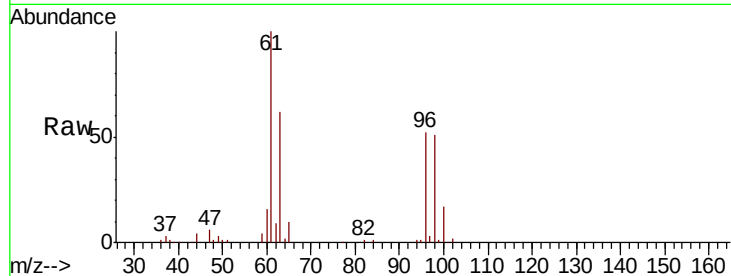
Tot Ion: 96 Resp: 25856

Ion Ratio Lower Upper

96 100

61 192.6 133.5 247.9

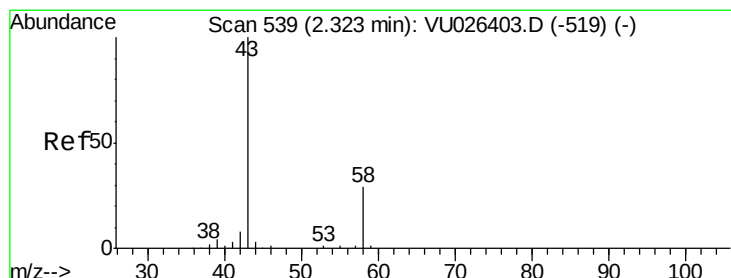
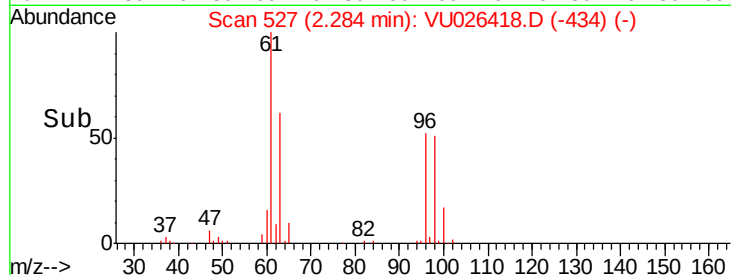
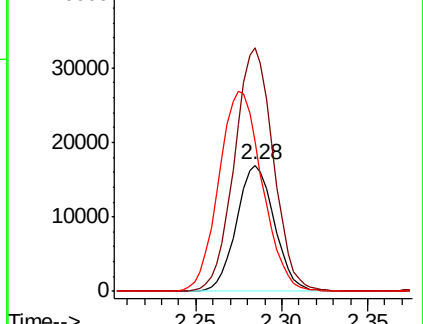
63 118.6 112.3 208.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 5.42 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026418.D

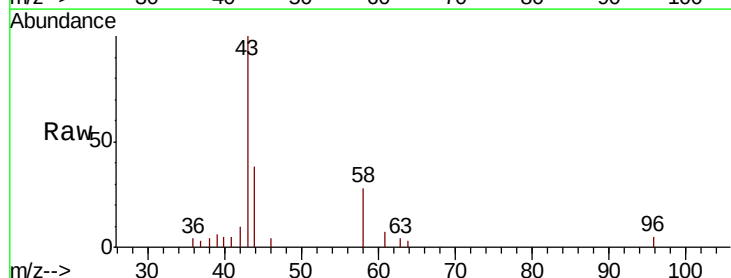
Acq: 28 Aug 2018 23:45

Tgt Ion: 43 Resp: 6055

Ion Ratio Lower Upper

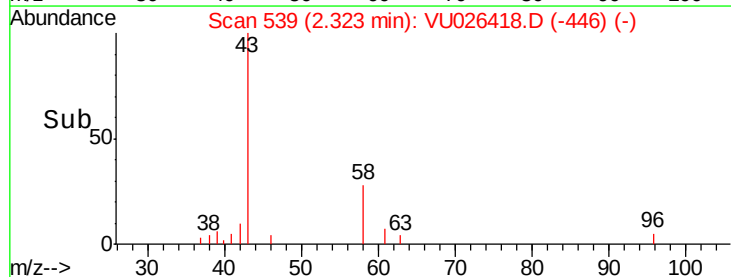
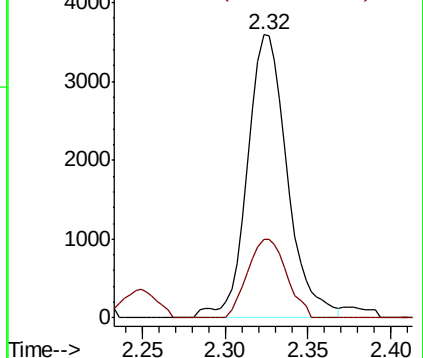
43 100

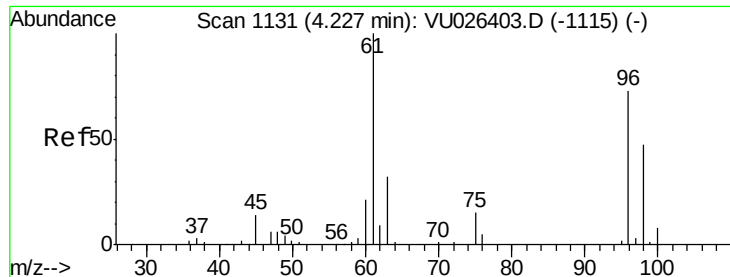
58 27.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.91 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

DB3J8MSD

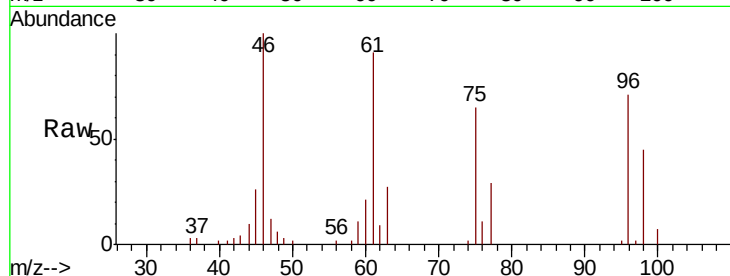
Tot Ion: 96 Resp: 10652

Ion Ratio Lower Upper

96 100

61 127.7 95.9 178.1

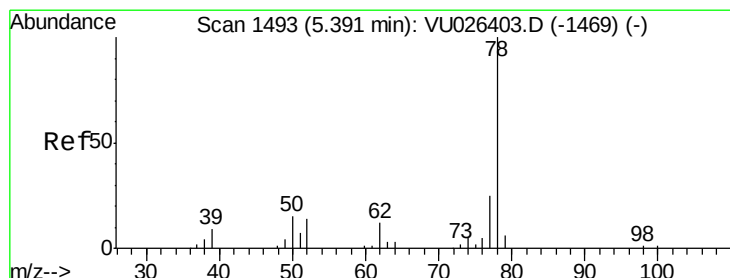
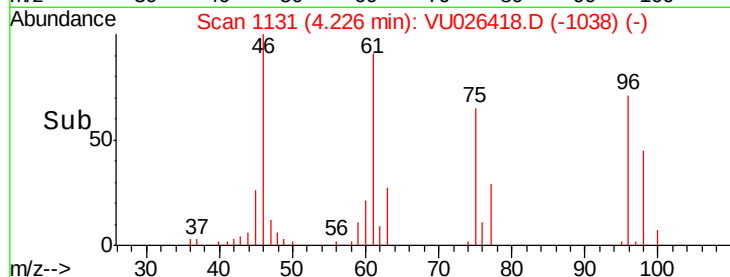
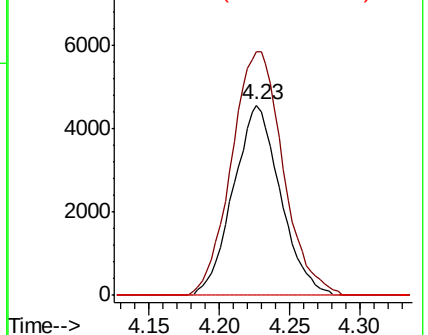
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 4.76 ug/L

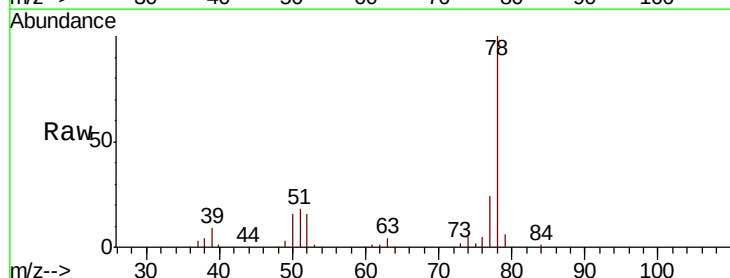
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

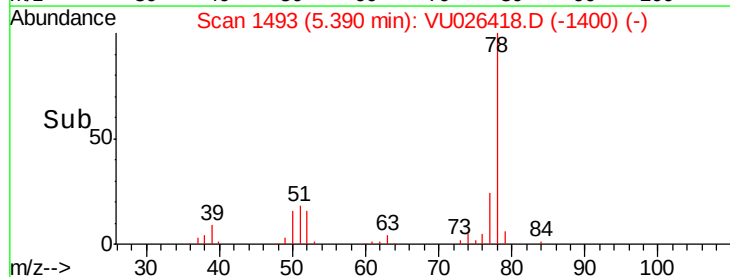
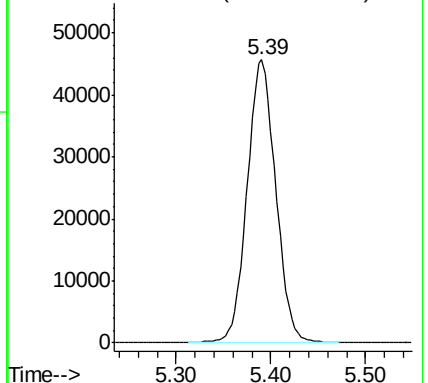
Lab File: VU026418.D

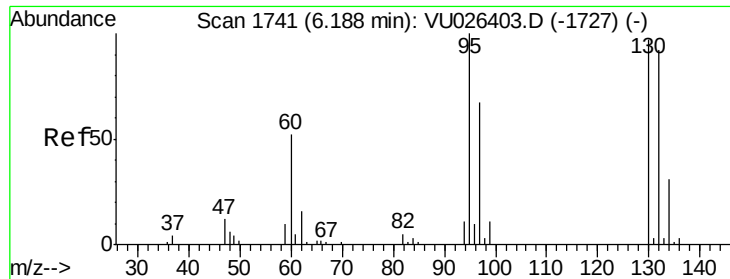
Acq: 28 Aug 2018 23:45

Tgt Ion: 78 Resp: 95999



Abundance Ion 78.10 (77.80 to 78.80): VU0

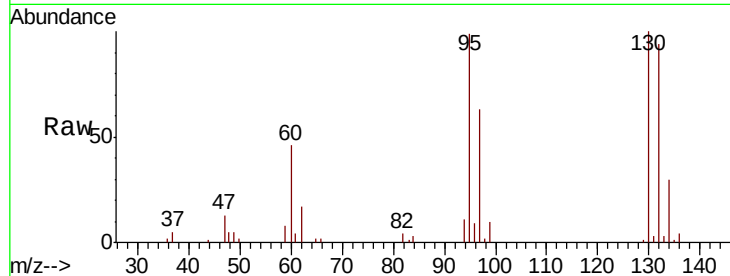




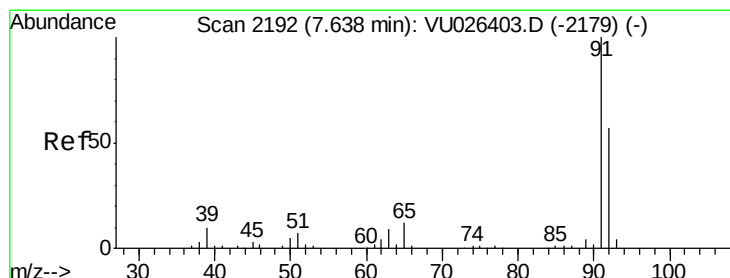
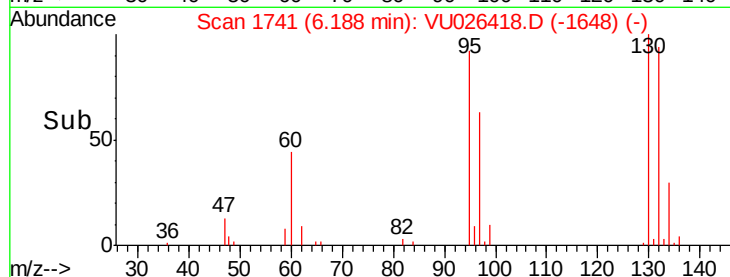
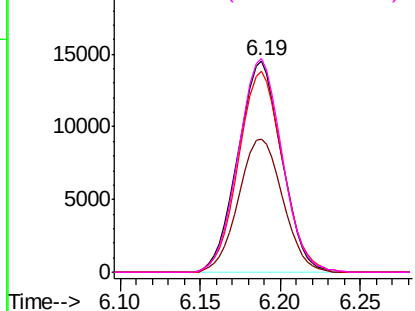
#34
 Trichloroethene
 Concen: 4.98 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026418.D
 Acq: 28 Aug 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3J8MSD

Tot Ion: 95 Resp: 27073
 Ion Ratio Lower Upper
 95 100
 97 63.2 46.6 86.6
 132 95.1 64.2 119.2
 130 101.1 68.2 126.6

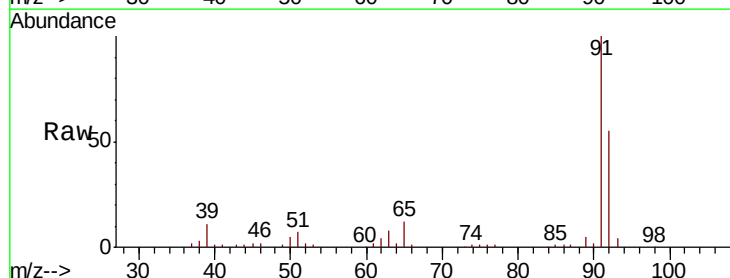


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

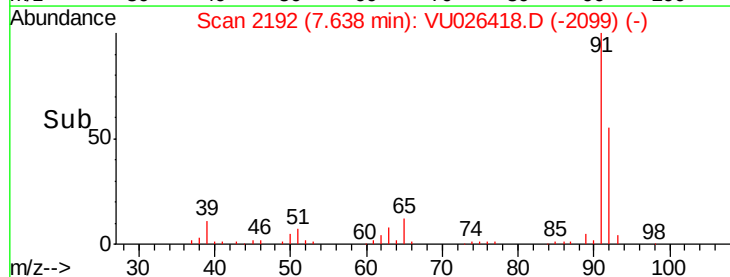
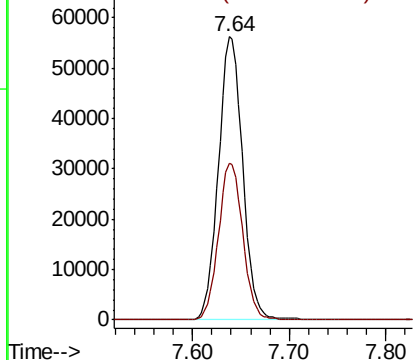


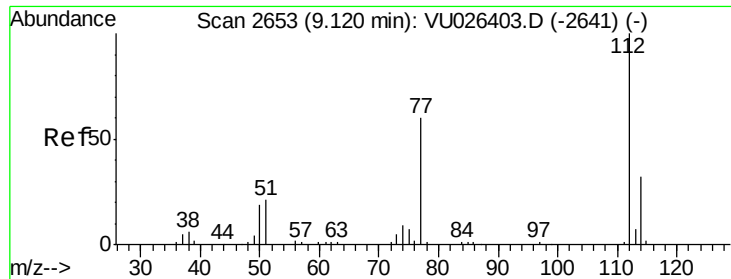
#42
 Toluene
 Concen: 4.77 ug/L
 RT: 7.64 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU026418.D
 Acq: 28 Aug 2018 23:45

Tgt Ion: 91 Resp: 97959
 Ion Ratio Lower Upper
 91 100
 92 55.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.71 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

DB3J8MSD

Tot Ion:112 Resp: 62764

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

77 59.1 48.4 72.6

