

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026102.D
 Acq On : 14 Aug 2018 15:29
 Operator : MD/SY
 Sample : J4451-15MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MS

Quant Time: Aug 14 15:48:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	262412	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	104863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77296	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.67	69	69088	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.86%
11) 1,1-Dichloroethene-d2	2.27	63	162068	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
21) 2-Butanone-d5	4.18	46	149119	93.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	4.65	84	189975	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.31	65	130507	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.35	84	364196	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.33	67	120294	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.90%
41) Toluene-d8	7.57	98	326732	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.85	79	59152	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.31	63	104731	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175886	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	131439	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

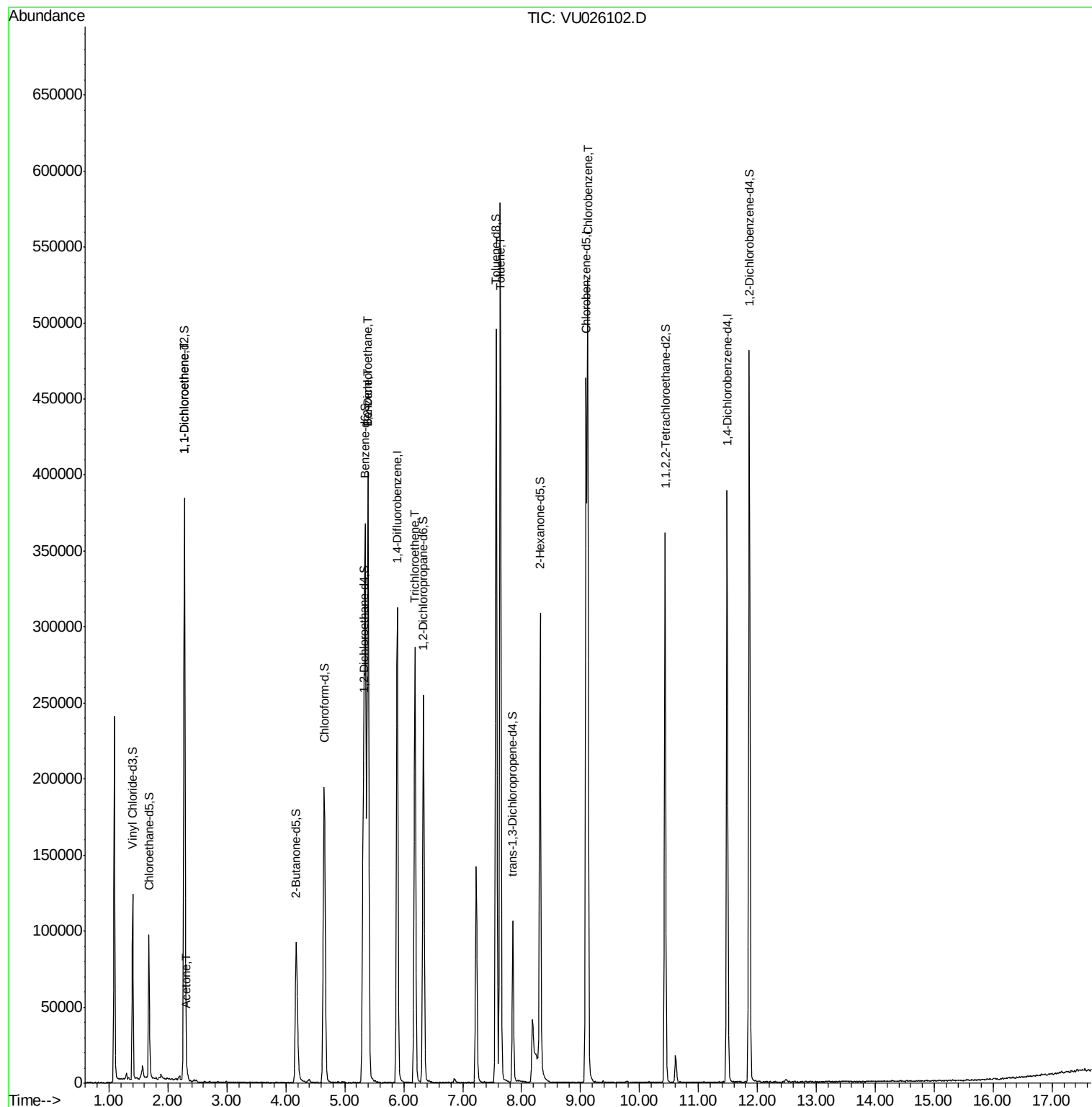
					Qvalue
12) 1,1-Dichloroethene	2.28	96	77154	50.926 ug/L	88
13) Acetone	2.32	43	4883	4.917 ug/L	96
27) 1,2-Dichloroethane	5.39	62	3934	1.397 ug/L #	76
33) Benzene	5.39	78	392800	56.391 ug/L	100
34) Trichloroethene	6.19	95	97336	53.488 ug/L	96
42) Toluene	7.64	91	422296	57.116 ug/L	98
51) Chlorobenzene	9.12	112	273310	54.824 ug/L	99

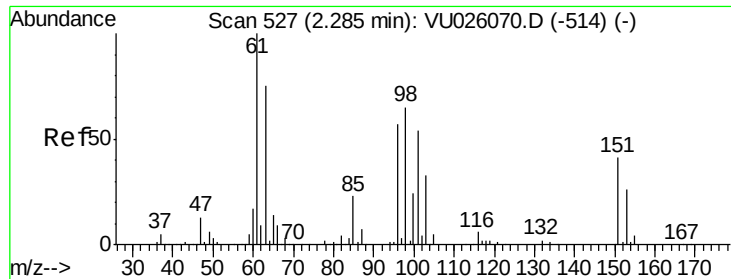
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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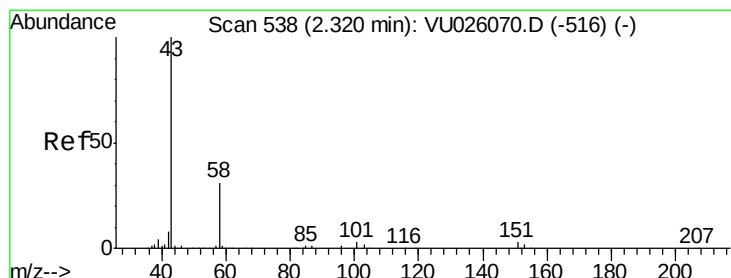
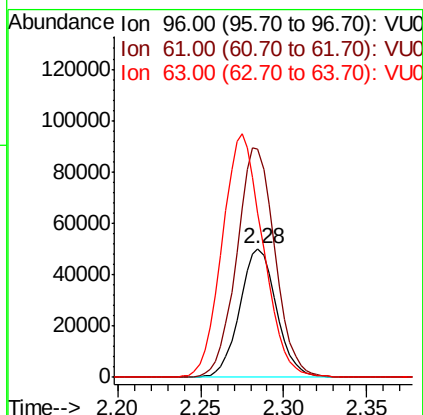
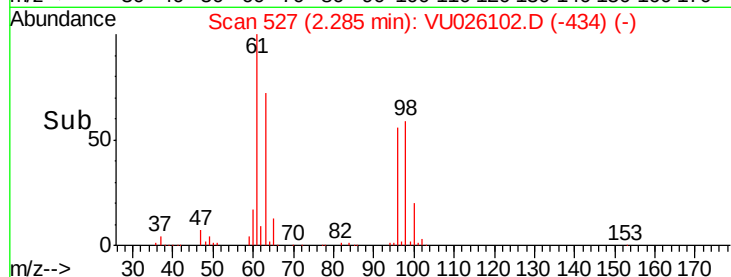
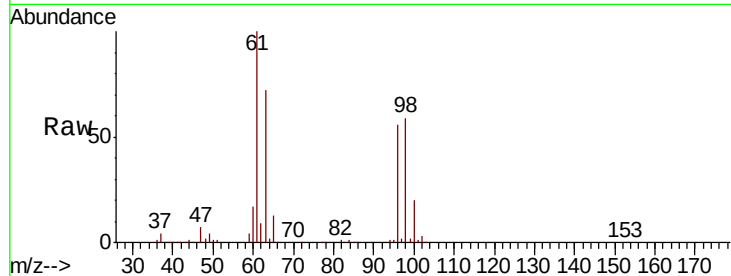




#12
 1,1-Dichloroethene
 Concen: 50.926 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU026102.D
 Acq: 14 Aug 2018 15:29

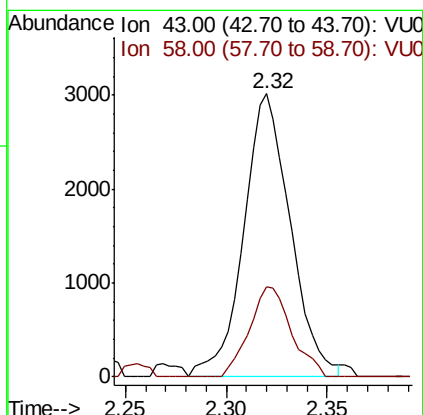
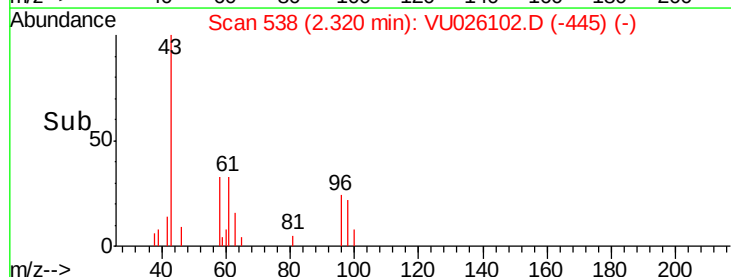
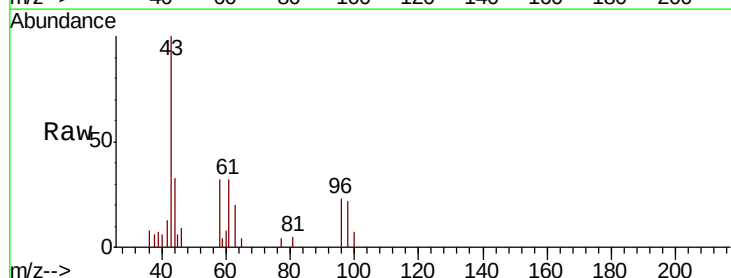
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MS

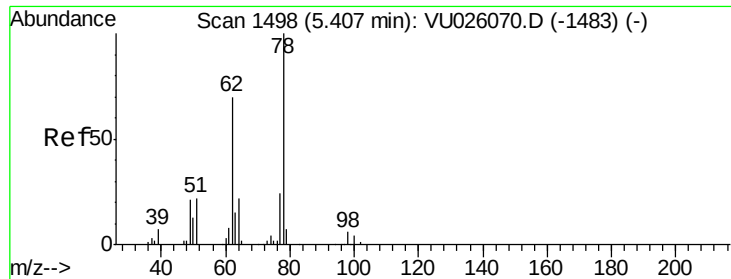
Tgt Ion: 96 Resp: 77154
 Ion Ratio Lower Upper
 96 100
 61 177.5 121.2 225.2
 63 128.1 108.7 201.9



#13
 Acetone
 Concen: 4.917 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026102.D
 Acq: 14 Aug 2018 15:29

Tgt Ion: 43 Resp: 4883
 Ion Ratio Lower Upper
 43 100
 58 28.4 0.0 61.8

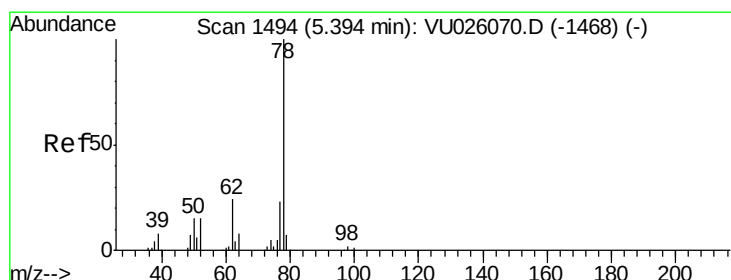
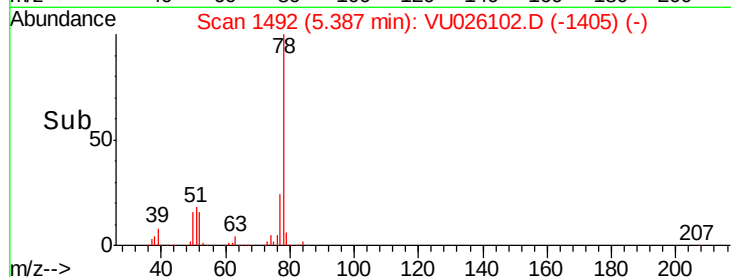
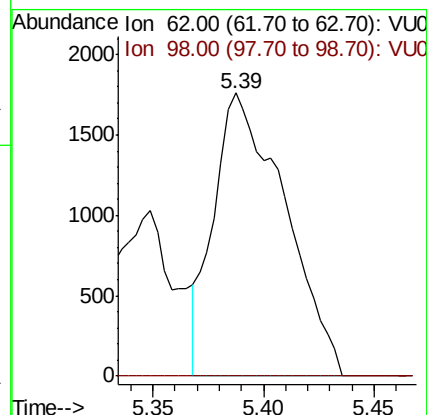
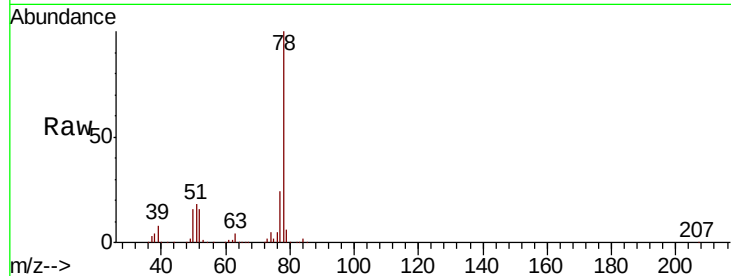




#27
 1,2-Dichloroethane
 Concen: 1.397 ug/L
 RT: 5.39 min Scan# 1492
 Delta R.T. -0.02 min
 Lab File: VU026102.D
 Acq: 14 Aug 2018 15:29

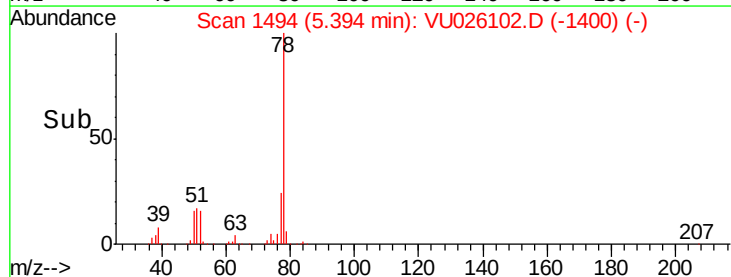
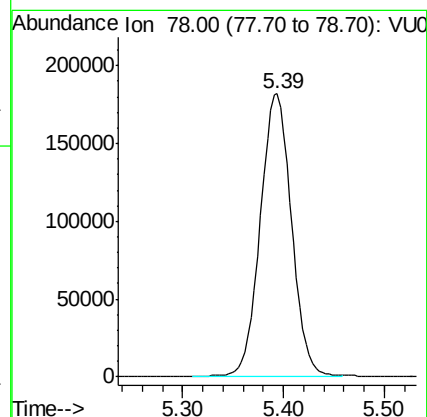
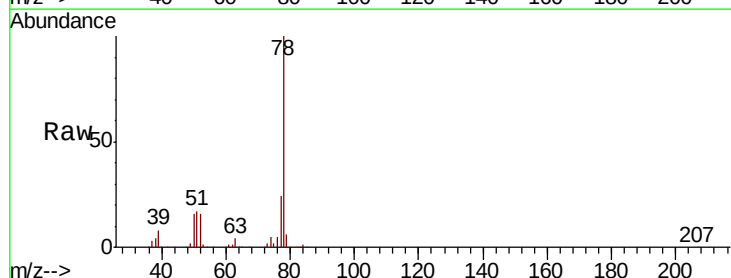
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MS

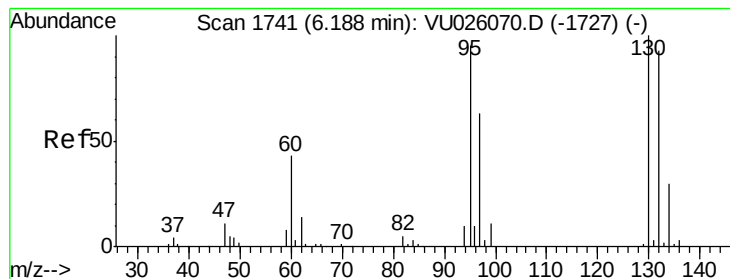
Tgt Ion: 62 Resp: 3934
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#33
 Benzene
 Concen: 56.391 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026102.D
 Acq: 14 Aug 2018 15:29

Tgt Ion: 78 Resp: 392800





#34

Trichloroethene

Concen: 53.488 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026102.D

Acq: 14 Aug 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

A4ZK4MS

Tgt Ion: 95 Resp: 97336

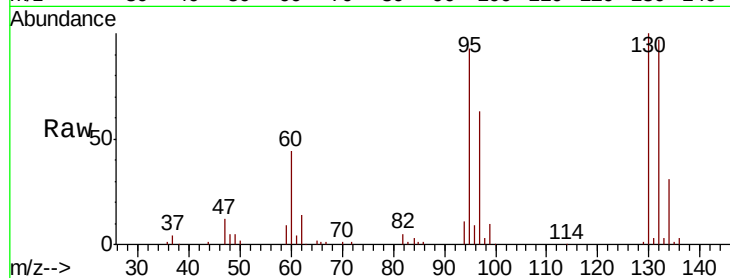
Ion Ratio Lower Upper

95 100

97 67.5 45.2 84.0

132 103.4 68.2 126.6

130 107.0 73.8 137.2

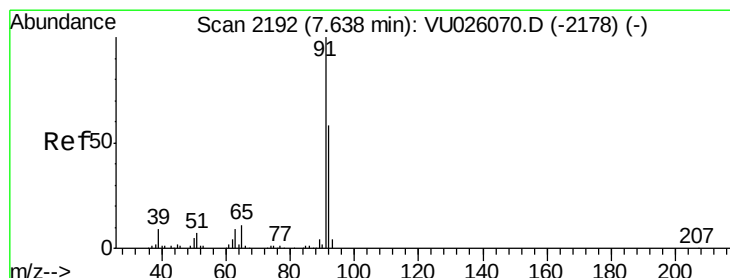
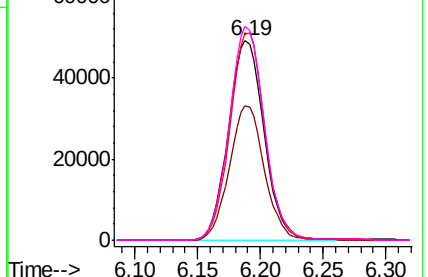
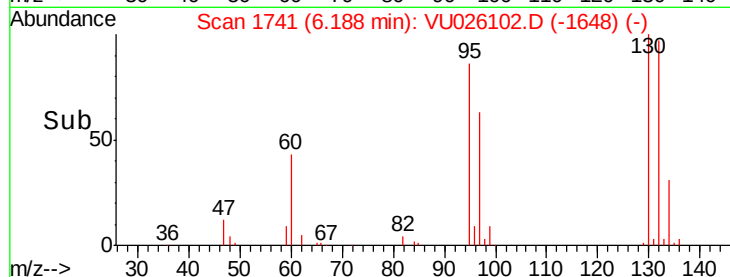


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 57.116 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026102.D

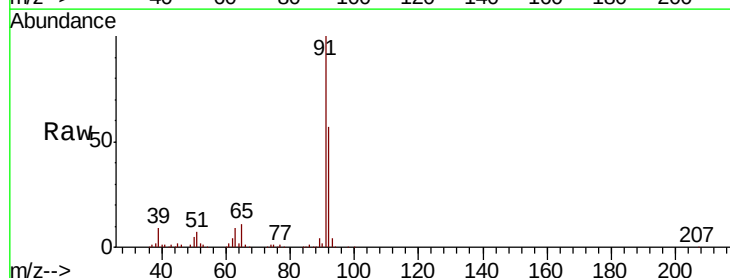
Acq: 14 Aug 2018 15:29

Tgt Ion: 91 Resp: 422296

Ion Ratio Lower Upper

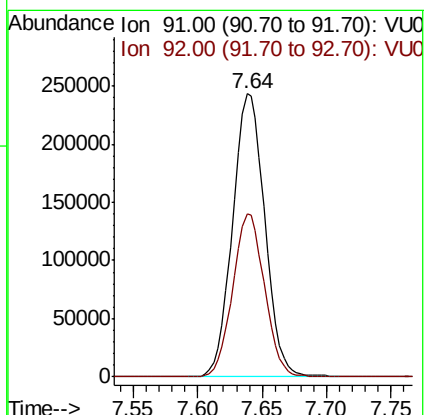
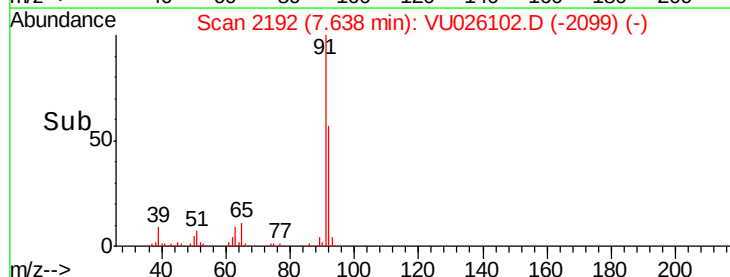
91 100

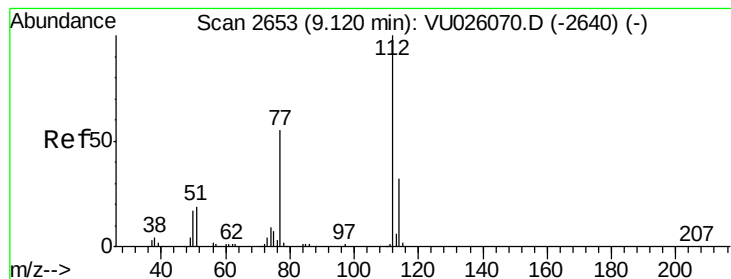
92 57.5 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 54.824 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026102.D

Acq: 14 Aug 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

A4ZK4MS

Tgt Ion:112 Resp: 273310

Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 56.3 45.2 67.8

