

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031483.D
 Acq On : 24 Apr 2019 20:20
 Operator : JC/SP
 Sample : K2517-11MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MS

Quant Time: Apr 25 07:09:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	320593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	317812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115296	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135819	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.68	69	99987	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	260124	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	4.19	46	373513	54.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	4.64	84	222759	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.31	65	124622	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.33	84	446882	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.33	67	153902	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.56	98	345643	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	49972	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	244138	45.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117070	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	112107	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

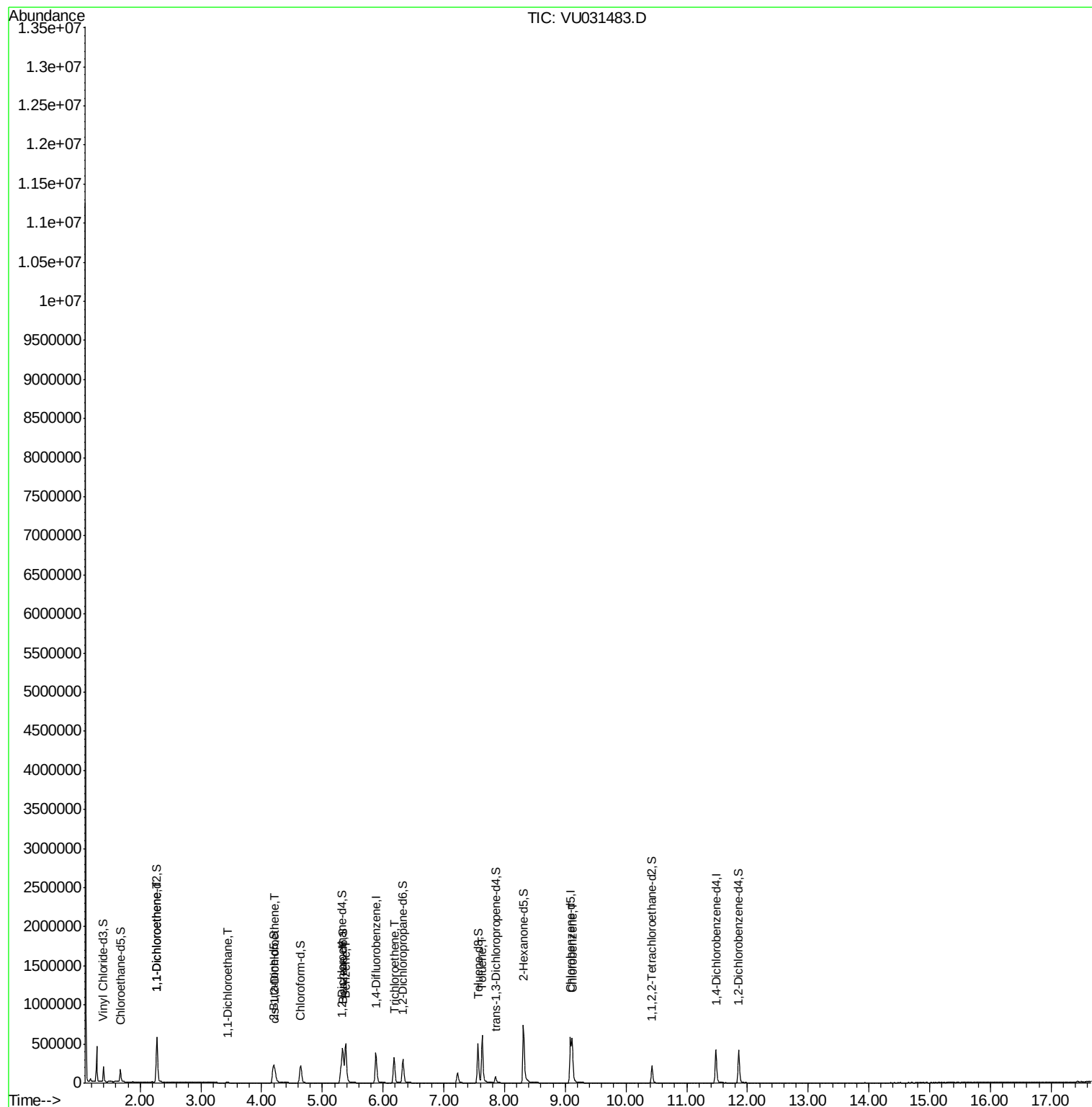
					Ovalue
12) 1,1-Dichloroethene	2.28	96	108082	4.851 ug/L	98
19) 1,1-Dichloroethane	3.44	63	8167	0.183 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	44602	1.838 ug/L	99
33) Benzene	5.38	78	491565	5.005 ug/L	100
34) Trichloroethene	6.18	95	119535	4.618 ug/L	98
42) Toluene	7.63	91	457566	4.641 ug/L	98
51) Chlorobenzene	9.12	112	298889	4.998 ug/L	96

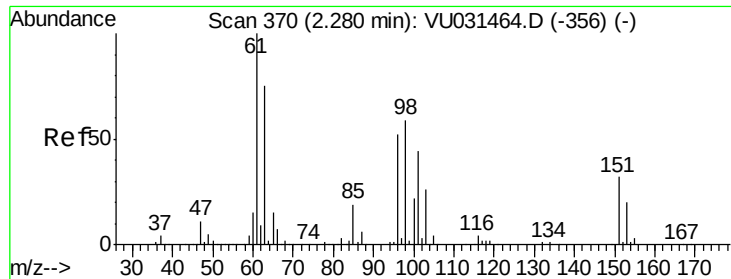
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.851 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1MS

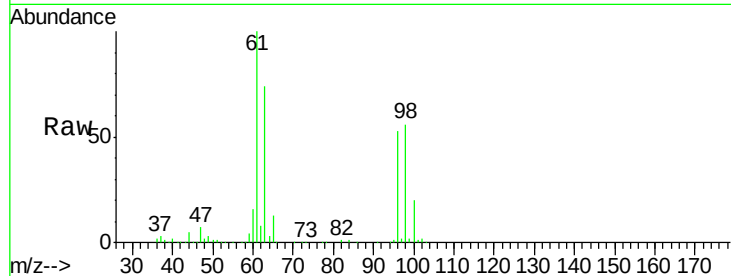
Tot Ion: 96 Resp: 108082

Ion Ratio Lower Upper

96 100

61 188.2 131.3 243.8

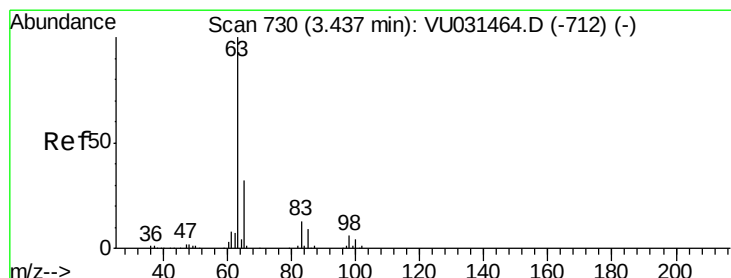
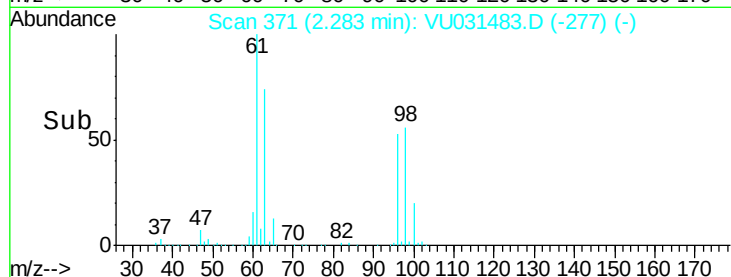
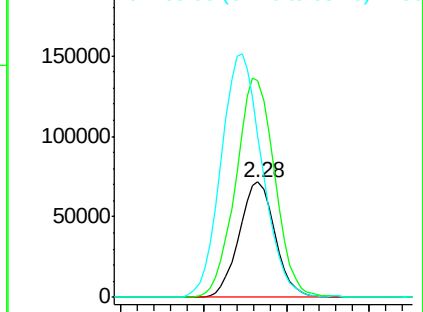
63 140.0 101.9 189.3



Abundance Ion 96.00 (95.70 to 96.70): VU031483.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU031483.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031483.D (-277) (-)



#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

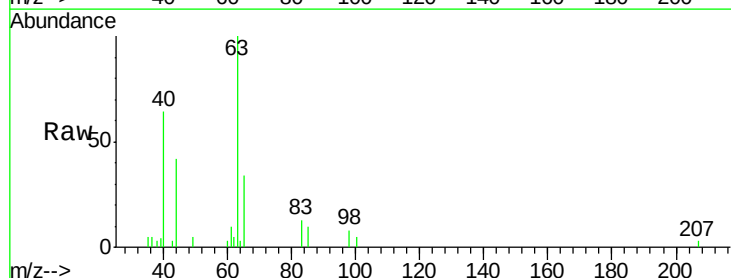
Tgt Ion: 63 Resp: 8167

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

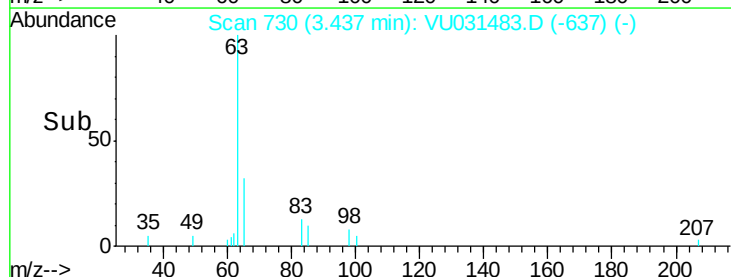
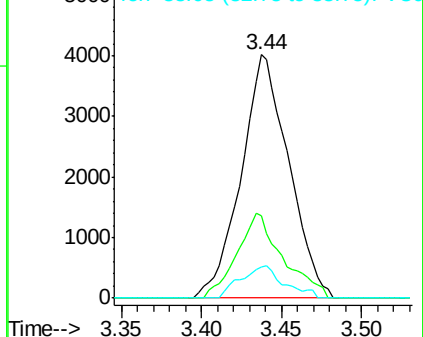
83 12.7 8.5 15.9

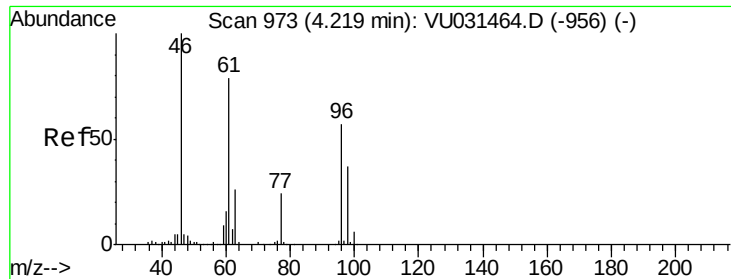


Abundance Ion 63.10 (62.80 to 63.80): VU031483.D (-637) (-)

Ion 65.10 (64.80 to 65.80): VU031483.D (-637) (-)

Ion 83.05 (82.75 to 83.75): VU031483.D (-637) (-)

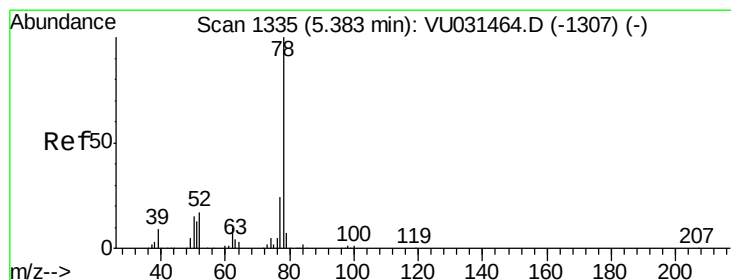
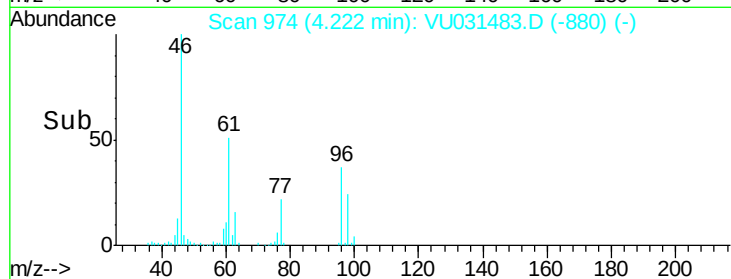
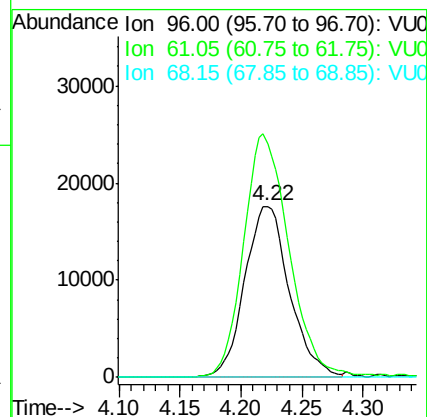
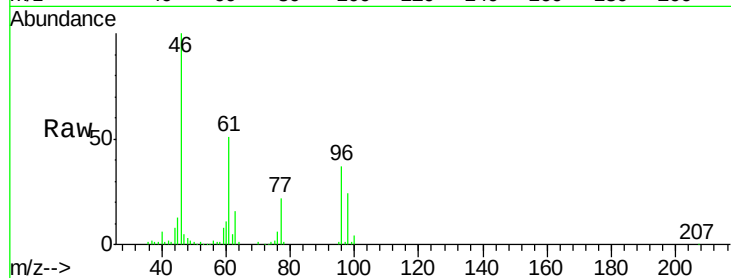




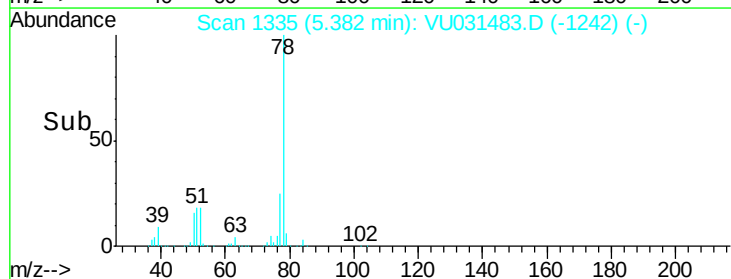
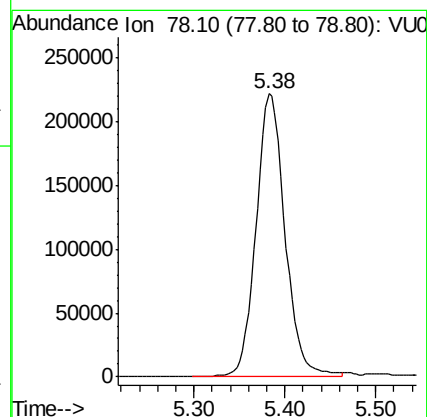
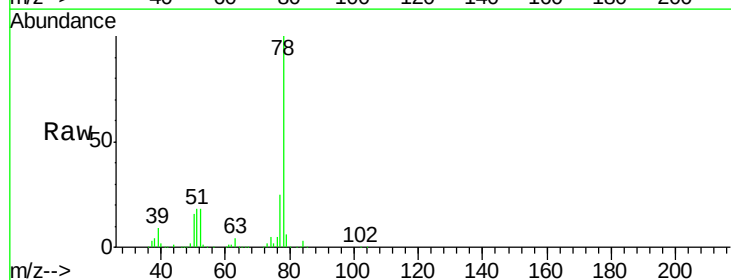
#22
 cis-1,2-Dichloroethene
 Concen: 1.838 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031483.D
 Acq: 24 Apr 2019 20:20

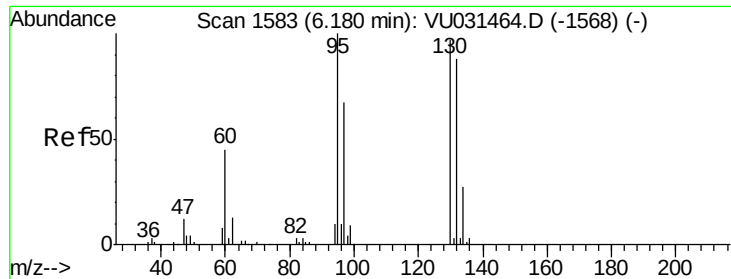
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MS

Tot Ion: 96 Resp: 44602
 Ion Ratio Lower Upper
 96 100
 61 136.8 94.8 176.2
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 5.005 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU031483.D
 Acq: 24 Apr 2019 20:20
 Tgt Ion: 78 Resp: 491565





#34

Trichloroethene

Concen: 4.618 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1MS

Tot Ion: 95 Resp: 119535

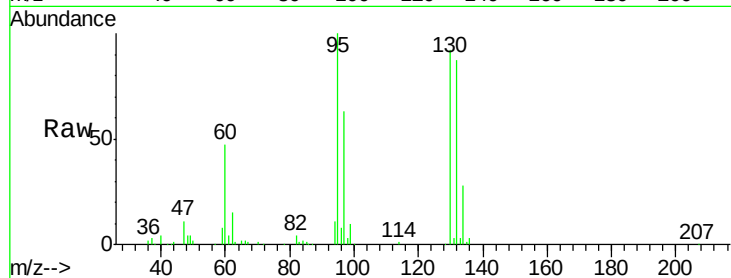
Ion Ratio Lower Upper

95 100

97 62.9 44.3 82.3

132 87.3 59.9 111.3

130 91.8 67.1 124.5

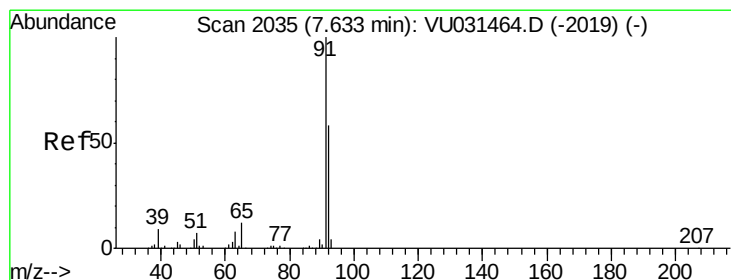
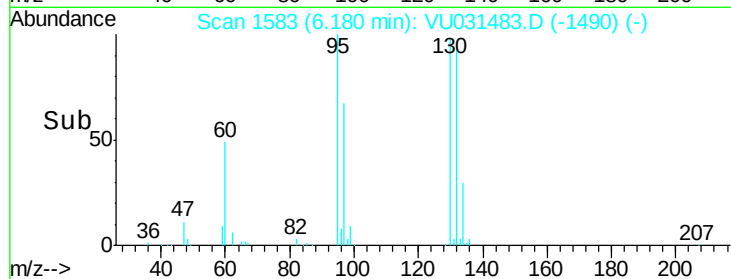
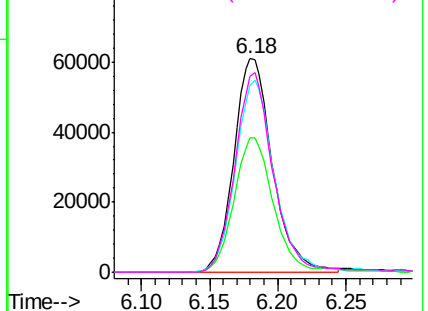


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.641 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031483.D

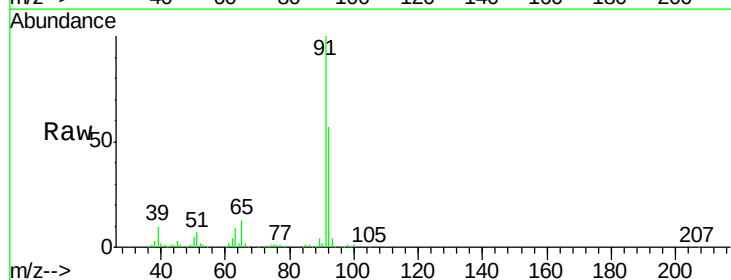
Acq: 24 Apr 2019 20:20

Tgt Ion: 91 Resp: 457566

Ion Ratio Lower Upper

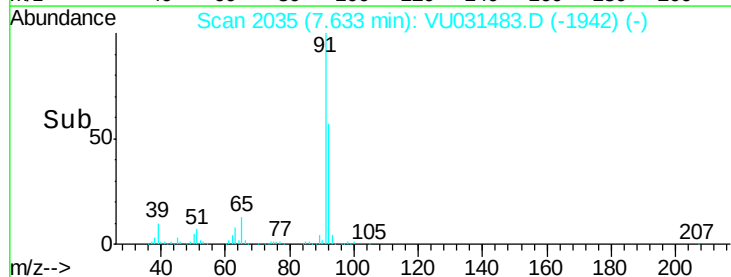
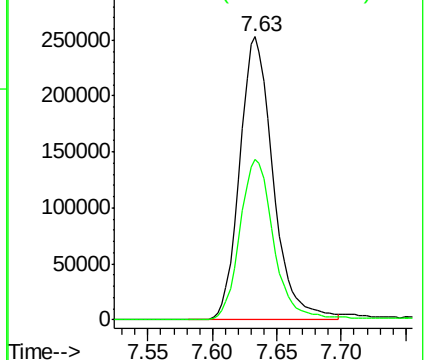
91 100

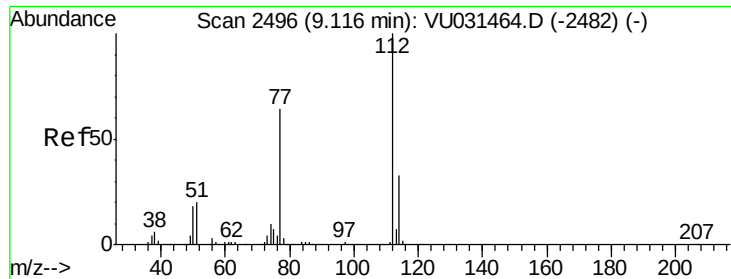
92 56.7 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 4.998 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: VU031483.D
 Acq: 24 Apr 2019 20:20

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MS

Tot Ion:	112	Resp:	298889
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.9	40.7
77	65.5	48.9	73.3

