

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012844.D
 Acq On : 16 Sep 2019 18:43
 Operator : SY/MD
 Sample : K4682-13MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BL7MS

Quant Time: Sep 17 07:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 07:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150833	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158517	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.58	69	142331	6.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.00%#
11) 1,1-Dichloroethene-d2	2.13	63	265725	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.40%
20) 2-Butanone-d5	3.97	46	385245	102.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	205.56%#
24) Chloroform-d	4.40	84	153713	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
26) 1,2-Dichloroethane-d4	5.08	65	152737	7.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	155.80%#
32) Benzene-d6	5.10	84	581847	6.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	137.20%#
36) 1,2-Dichloropropane-d6	6.12	67	184494	7.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	143.00%#
41) Toluene-d8	7.36	98	456725	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
43) trans-1,3-Dichloropropene-	7.66	79	60674	7.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	145.60%#
46) 2-Hexanone-d5	8.14	63	183323	78.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.88%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24007	1.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	33.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	167543	8.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	160.20%#

Target Compounds

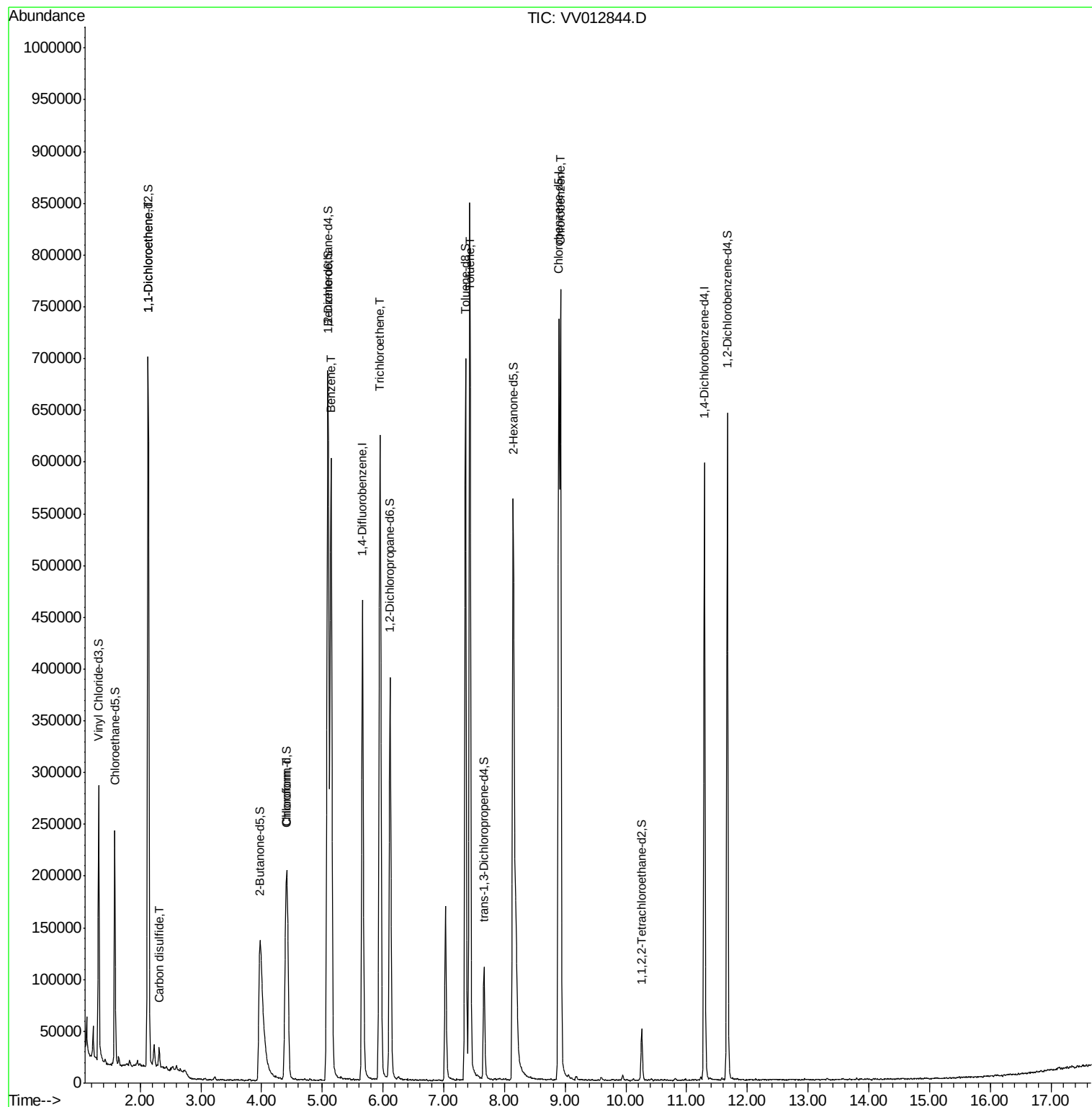
					Ovalue
12) 1,1-Dichloroethene	2.14	96	132896	6.214 ug/L	93
14) Carbon disulfide	2.31	76	20383	0.443 ug/L	98
25) Chloroform	4.42	83	139983	2.606 ug/L	95
33) Benzene	5.14	78	599228	6.110 ug/L	100
34) Trichloroethene	5.96	95	149864	5.355 ug/L	98
42) Toluene	7.43	91	609595	6.079 ug/L	99
51) Chlorobenzene	8.92	112	391094	5.646 ug/L	98

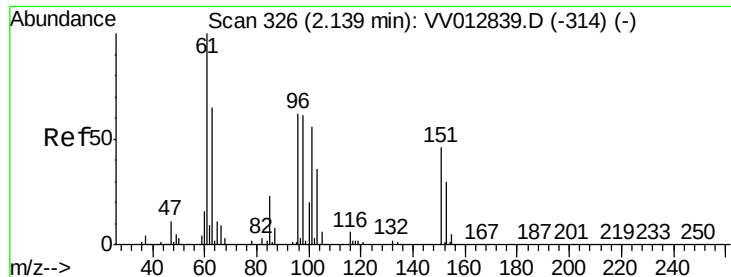
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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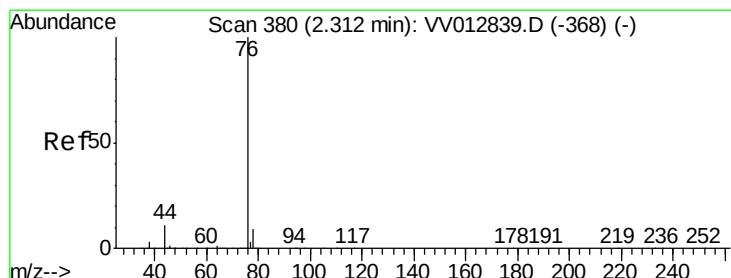
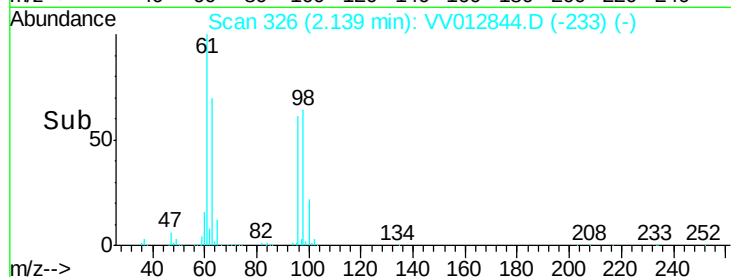
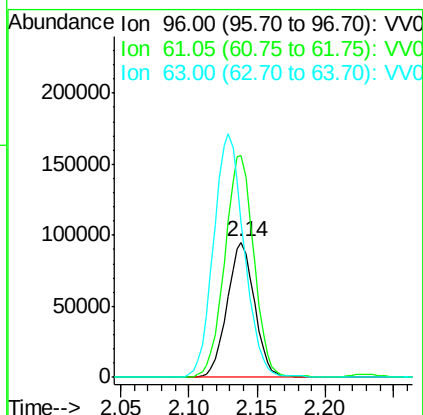
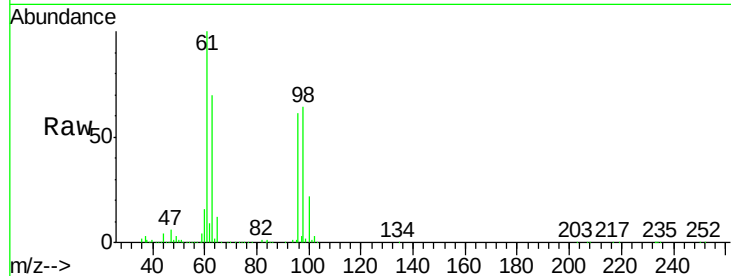




#12
 1,1-Dichloroethene
 Concen: 6.214 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012844.D
 Acq: 16 Sep 2019 18:43

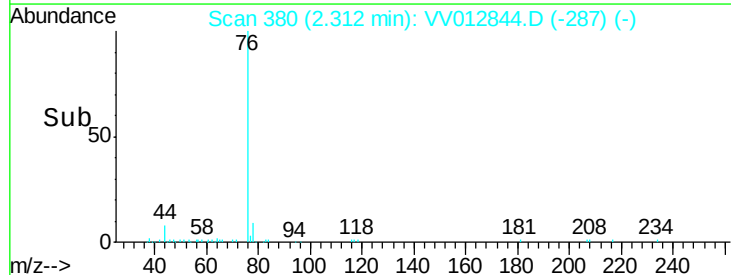
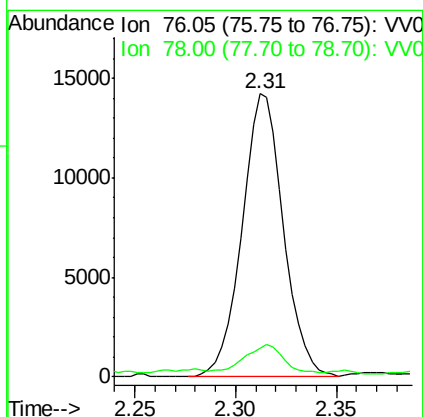
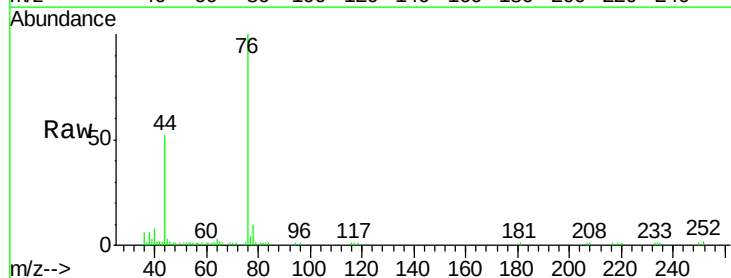
Instrument :
 MSVOA_V
 ClientSampleId :
 H0BL7MS

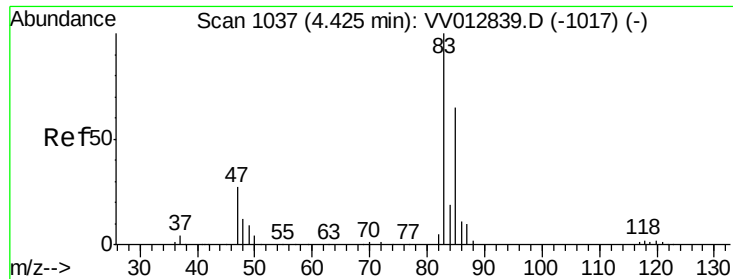
Tot Ion: 96 Resp: 132896
 Ion Ratio Lower Upper
 96 100
 61 164.5 120.1 223.1
 63 114.6 88.3 164.1



#14
 Carbon disulfide
 Concen: 0.443 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VV012844.D
 Acq: 16 Sep 2019 18:43

Tgt Ion: 76 Resp: 20383
 Ion Ratio Lower Upper
 76 100
 78 10.3 7.6 11.4

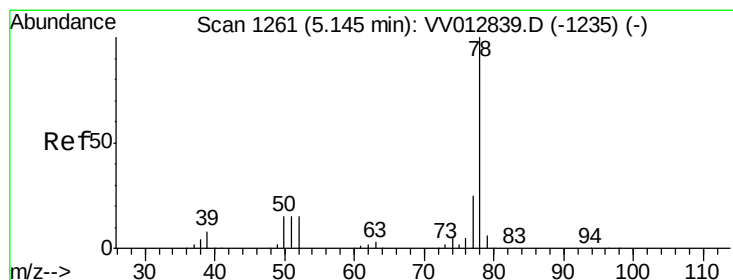
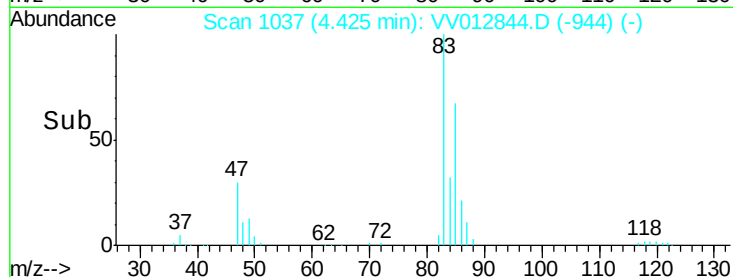
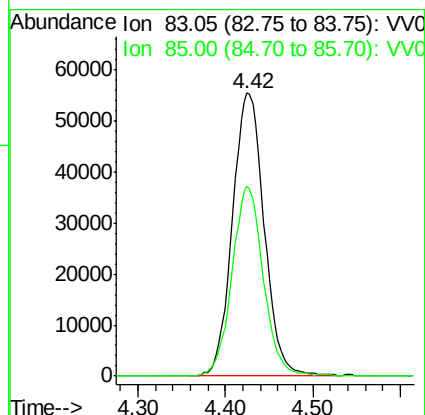
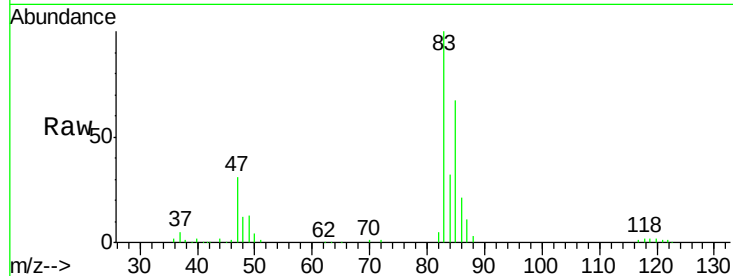




#25
Chloroform
Concen: 2.606 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

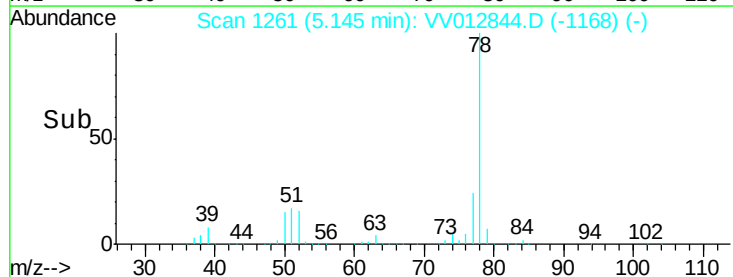
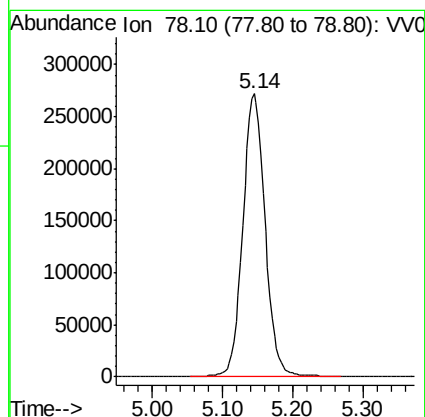
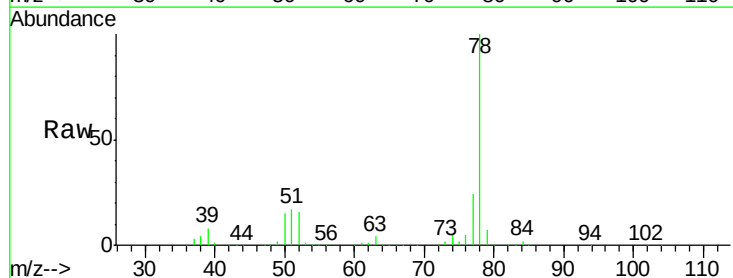
Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

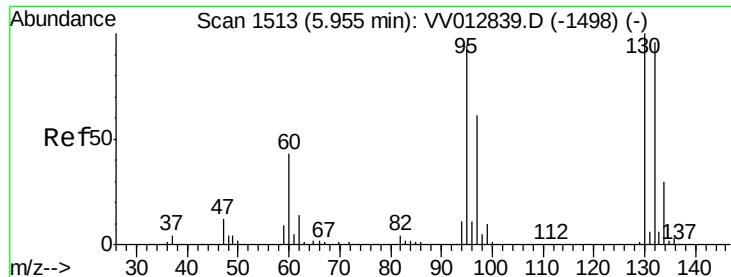
Tot Ion: 83 Resp: 139983
Ion Ratio Lower Upper
83 100
85 67.1 44.4 82.5



#33
Benzene
Concen: 6.110 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 78 Resp: 599228





#34

Trichloroethene

Concen: 5.355 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV012844.D

Acq: 16 Sep 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

H0BL7MS

Tot Ion: 95 Resp: 149864

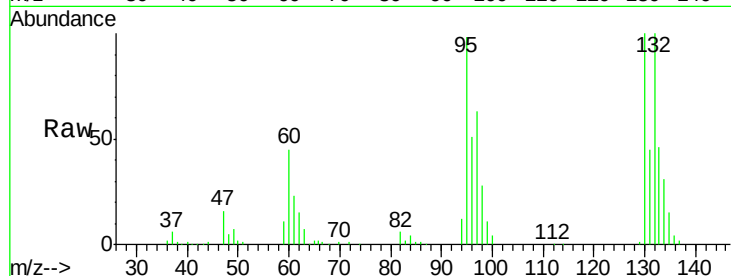
Ion Ratio Lower Upper

95 100

97 64.4 44.4 82.4

132 101.9 69.0 128.1

130 101.9 72.8 135.2



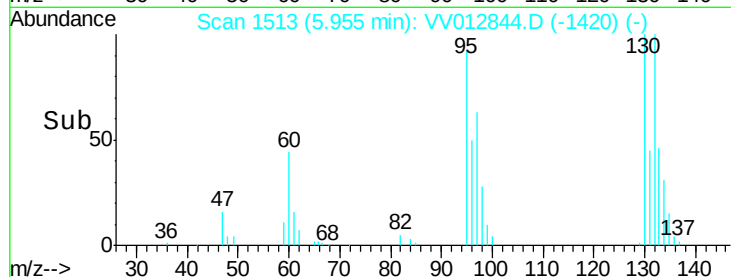
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

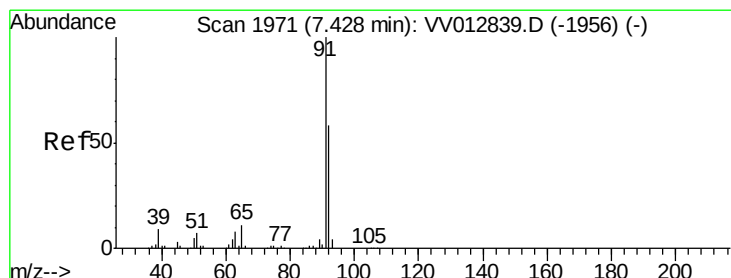
Ion 129.95 (129.65 to 130.65): V

Time-->



Abundance

Time-->



#42

Toluene

Concen: 6.079 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012844.D

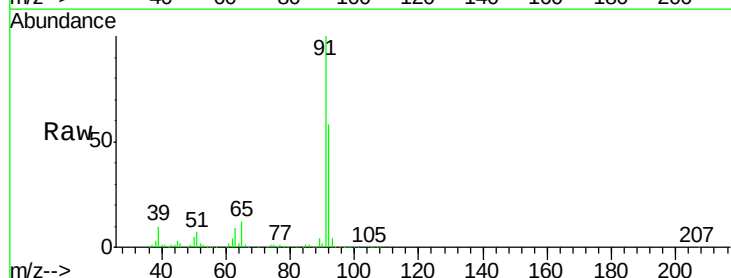
Acq: 16 Sep 2019 18:43

Tgt Ion: 91 Resp: 609595

Ion Ratio Lower Upper

91 100

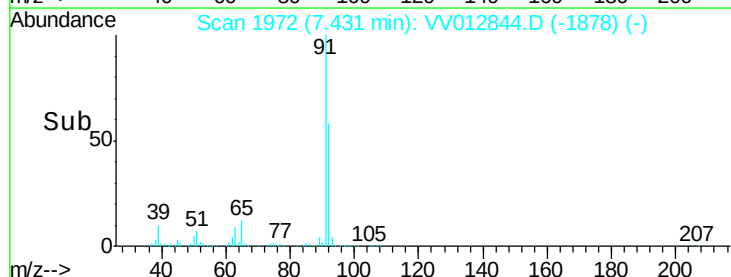
92 57.8 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VV0

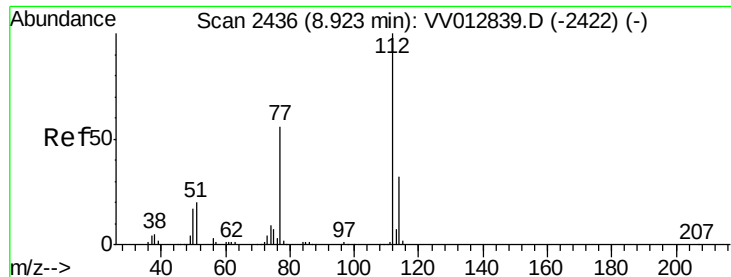
Ion 92.15 (91.85 to 92.85): VV0

Time-->



Abundance

Time-->



#51

Chlorobenzene

Concen: 5.646 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012844.D

Acq: 16 Sep 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

H0BL7MS

Tot Ion:112 Resp: 391094

Ion Ratio Lower Upper

112 100

114 32.4 22.0 41.0

77 58.7 45.7 68.5

