

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031316.D
 Acq On : 18 Apr 2019 18:55
 Operator : JC/SP
 Sample : K2451-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMX3MSD

Quant Time: Apr 19 07:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95757	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	78499	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.27	63	201889	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.20	46	199104	48.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.64	84	130279	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	74885	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.33	84	250369	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	84005	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	210711	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	33988	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.32	63	149561	48.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67332	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	77005	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

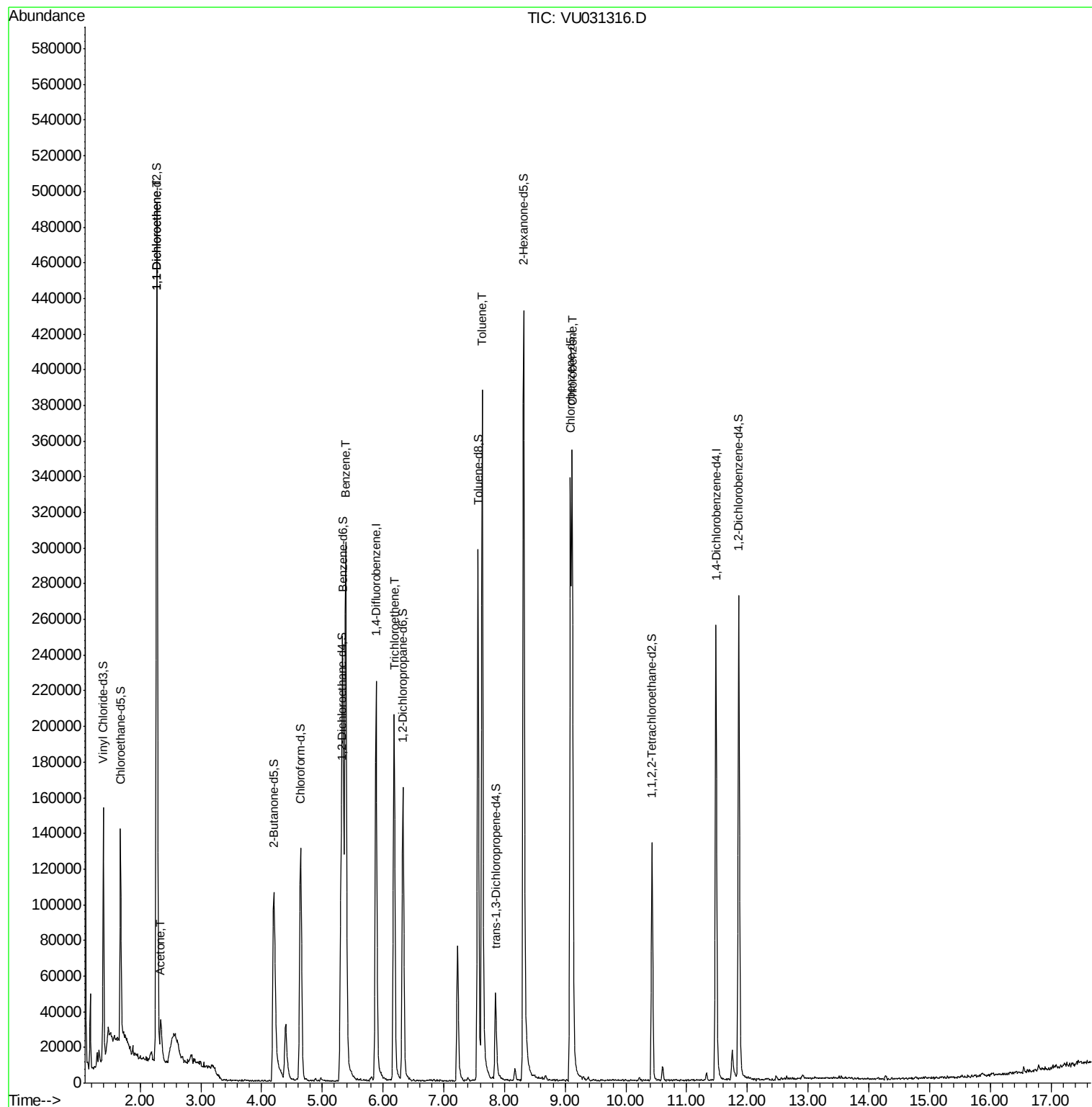
					Ovalue
12) 1,1-Dichloroethene	2.28	96	103739	5.038	ug/L 93
13) Acetone	2.34	43	25419	5.526	ug/L 98
33) Benzene	5.39	78	303397	4.674	ug/L 100
34) Trichloroethene	6.18	95	77930	4.442	ug/L 96
42) Toluene	7.63	91	302508	4.622	ug/L 98
51) Chlorobenzene	9.12	112	193501	4.723	ug/L 99

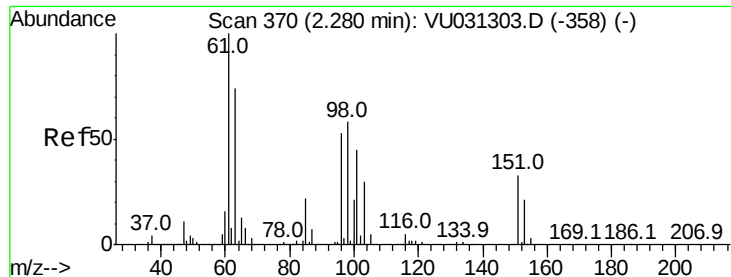
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.038 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031316.D

Acq: 18 Apr 2019 18:55

Instrument :

MSVOA_U

ClientSampleId :

YAMX3MSD

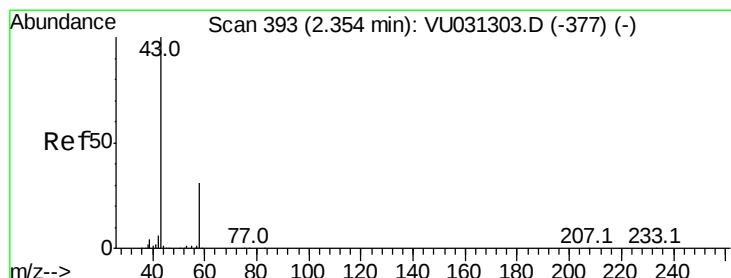
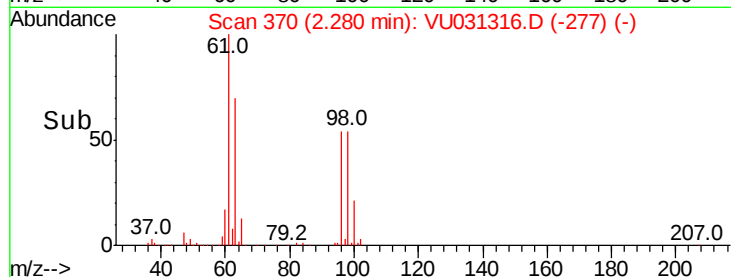
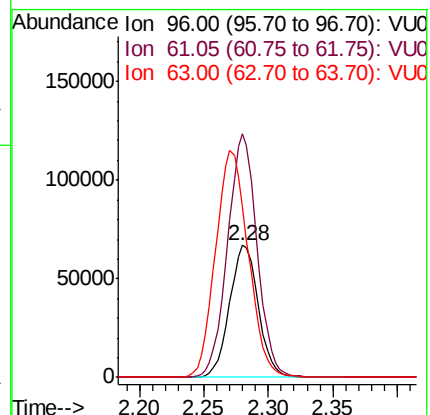
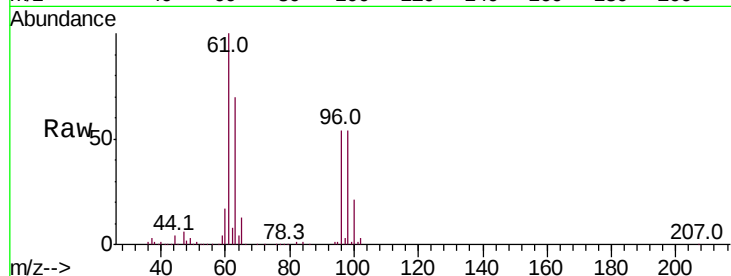
Tot Ion: 96 Resp: 103739

Ion Ratio Lower Upper

96 100

61 184.7 133.7 248.3

63 129.1 100.5 186.7



#13

Acetone

Concen: 5.526 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031316.D

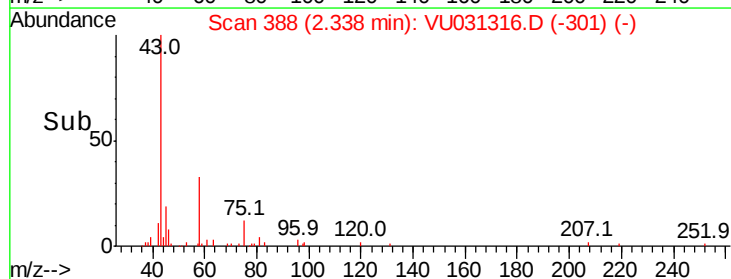
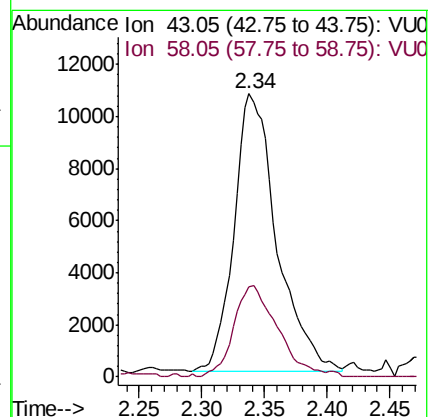
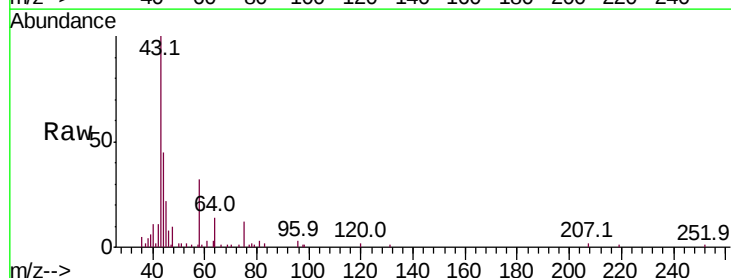
Acq: 18 Apr 2019 18:55

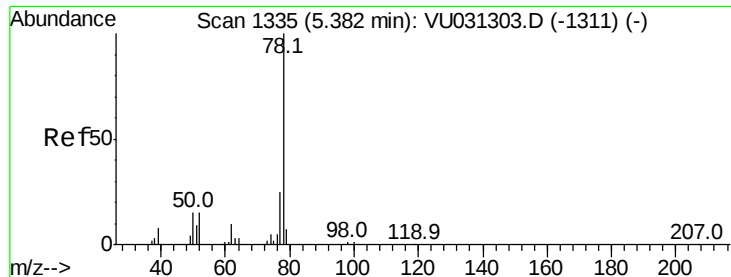
Tgt Ion: 43 Resp: 25419

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.4





#33

Benzene

Concen: 4.674 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031316.D

Acq: 18 Apr 2019 18:55

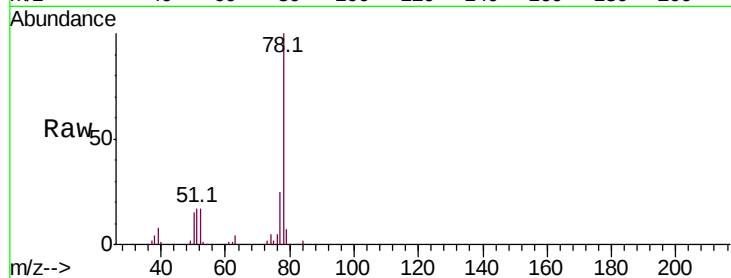
Instrument :

MSVOA_U

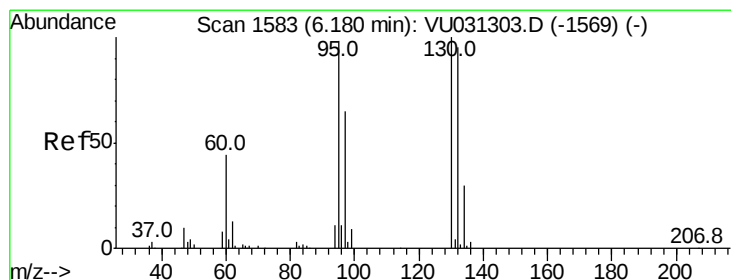
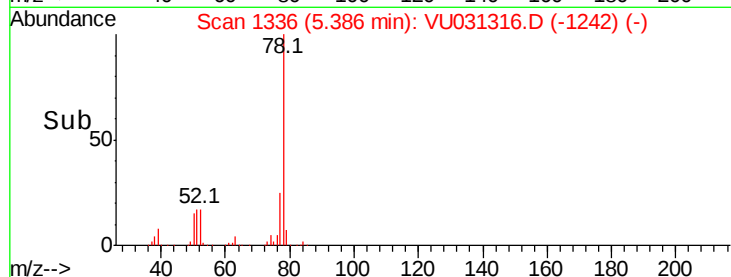
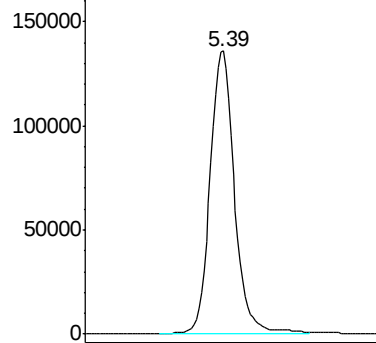
ClientSampleId :

YAMX3MSD

Tgt Ion: 78 Resp: 303397



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.442 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031316.D

Acq: 18 Apr 2019 18:55

Tgt Ion: 95 Resp: 77930

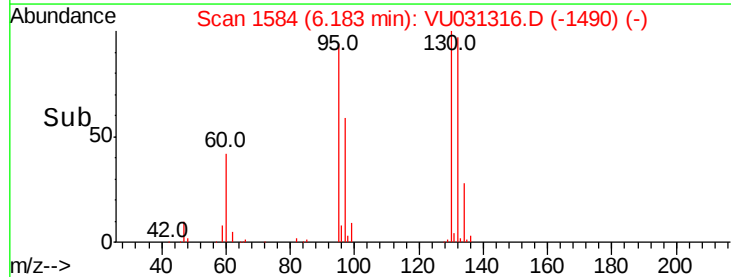
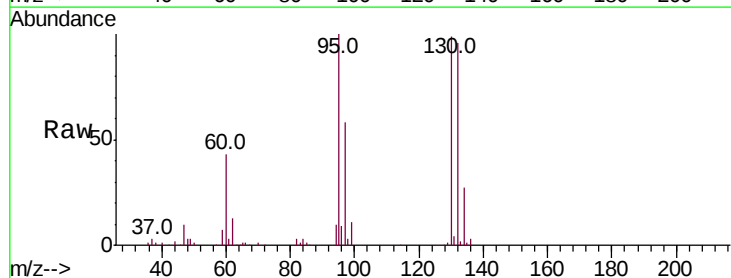
Ion	Ratio	Lower	Upper
95	100		
97	58.0	46.8	86.8
132	96.2	65.8	122.2
130	99.0	69.5	129.1

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

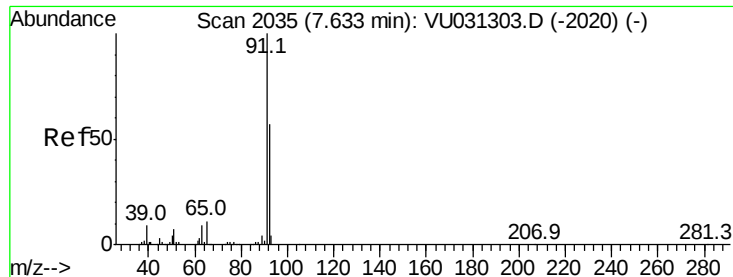


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.622 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031316.D

Acq: 18 Apr 2019 18:55

Instrument :

MSVOA_U

ClientSampleId :

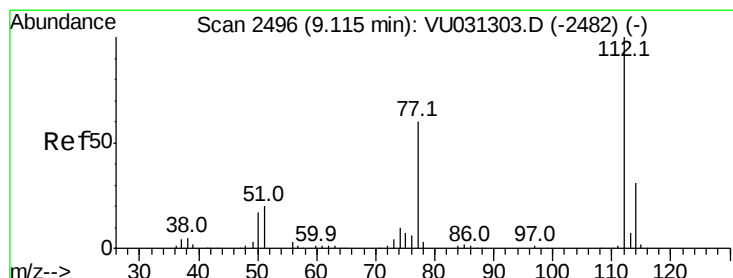
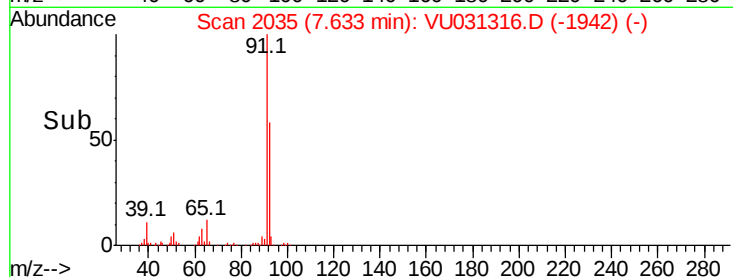
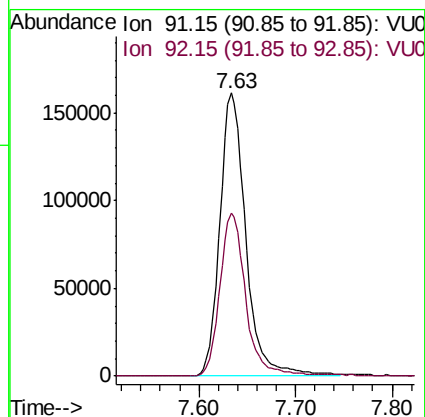
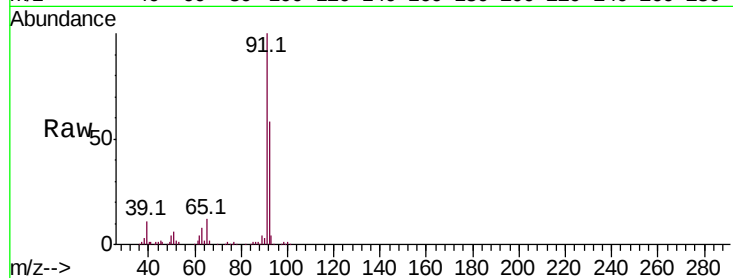
YAMX3MSD

Tot Ion: 91 Resp: 302508

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.3



#51

Chlorobenzene

Concen: 4.723 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031316.D

Acq: 18 Apr 2019 18:55

Tgt Ion: 112 Resp: 193501

Ion Ratio Lower Upper

112 100

114 32.2 21.6 40.2

77 59.2 47.1 70.7

