

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031315.D
 Acq On : 18 Apr 2019 18:31
 Operator : JC/SP
 Sample : K2451-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMX3MS

Quant Time: Apr 19 06:18:17 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	191761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94246	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.68	69	80496	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	203165	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.21	46	199367	48.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.48%
24) Chloroform-d	4.64	84	133986	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	74887	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.34	84	248144	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	83823	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	210366	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	31064	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	149364	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65537	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	78429	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

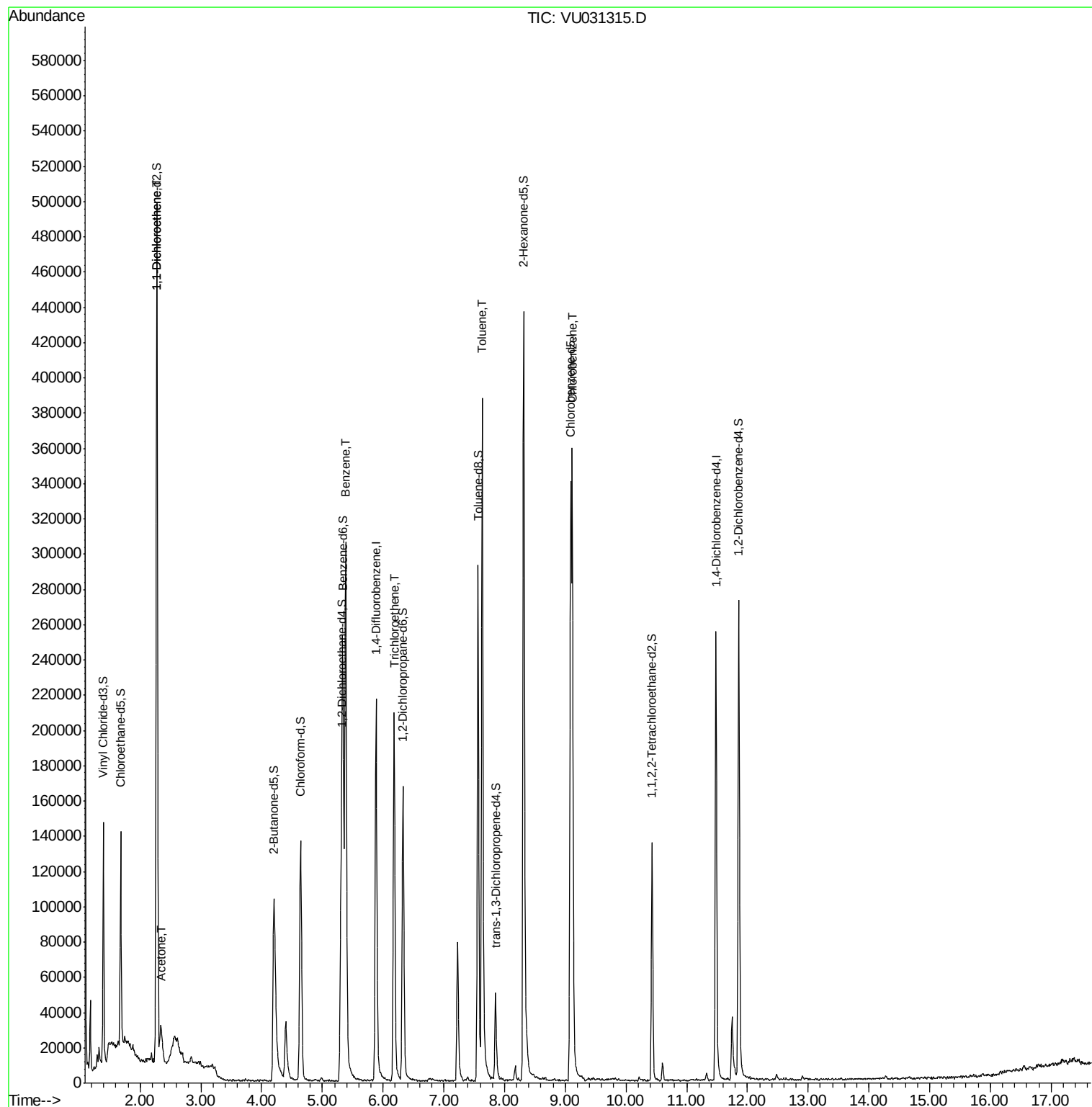
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.28	96	101045	4.910 ug/L	92
13) Acetone	2.34	43	27374	5.953 ug/L	98
33) Benzene	5.38	78	302715	4.724 ug/L	100
34) Trichloroethene	6.18	95	75899	4.382 ug/L	97
42) Toluene	7.63	91	302015	4.674 ug/L	98
51) Chlorobenzene	9.12	112	196481	4.857 ug/L	99

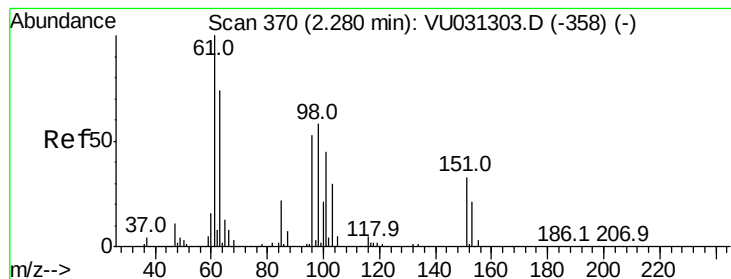
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.910 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031315.D

Acq: 18 Apr 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

YAMX3MS

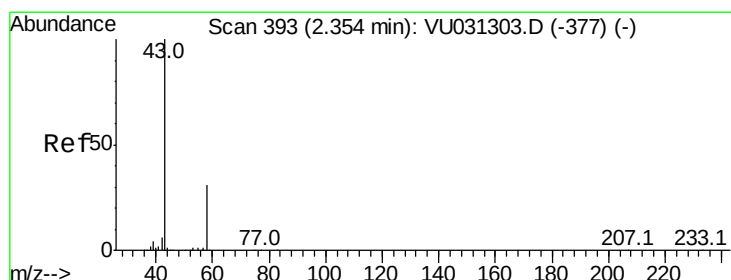
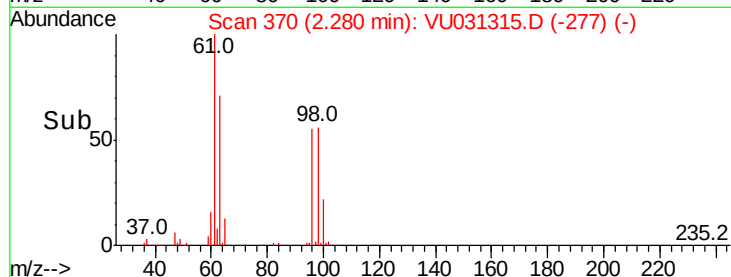
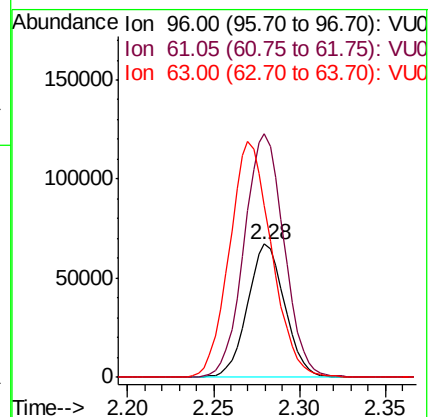
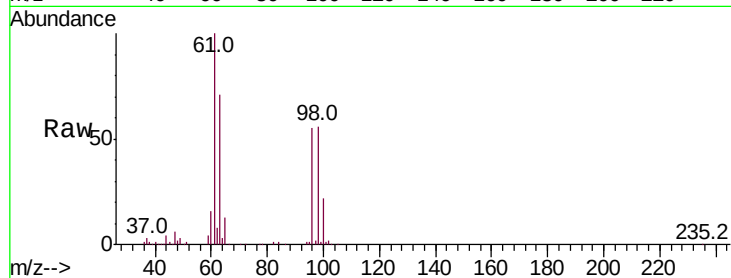
Tot Ion: 96 Resp: 101045

Ion Ratio Lower Upper

96 100

61 182.5 133.7 248.3

63 129.1 100.5 186.7



#13

Acetone

Concen: 5.953 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU031315.D

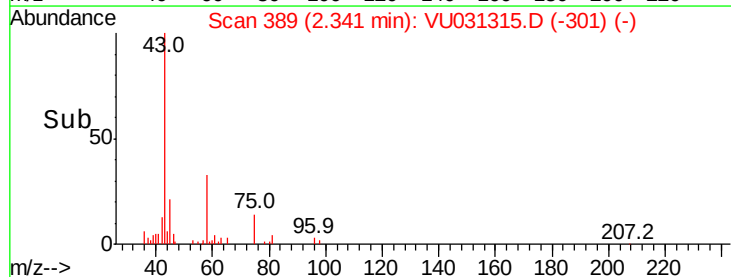
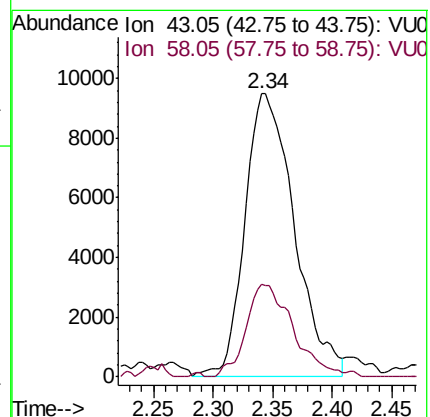
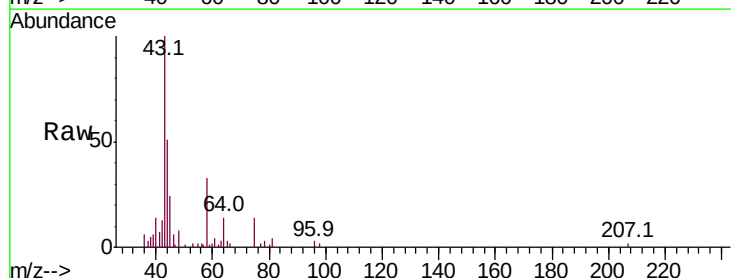
Acq: 18 Apr 2019 18:31

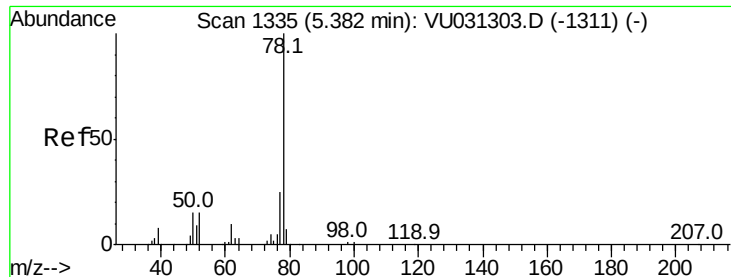
Tgt Ion: 43 Resp: 27374

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.4





#33

Benzene

Concen: 4.724 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031315.D

Acq: 18 Apr 2019 18:31

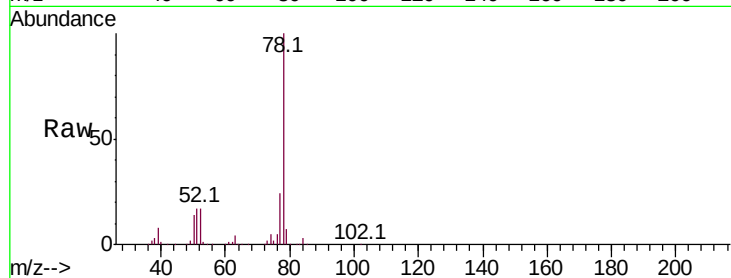
Instrument :

MSVOA_U

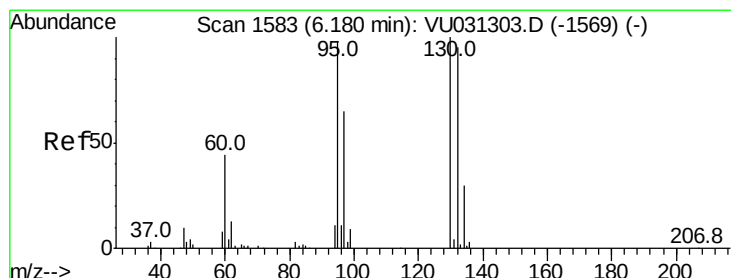
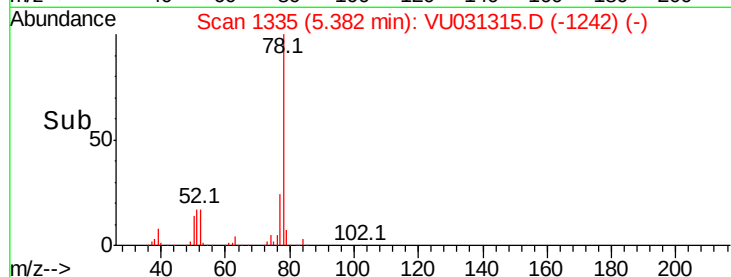
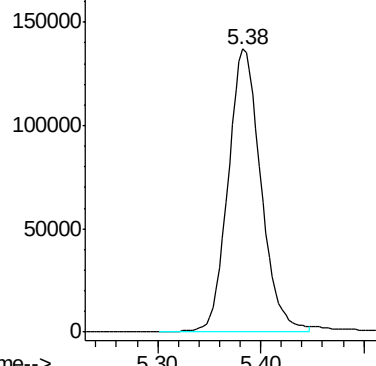
ClientSampleId :

YAMX3MS

Tgt Ion: 78 Resp: 302715



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.382 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031315.D

Acq: 18 Apr 2019 18:31

Tgt Ion: 95 Resp: 75899

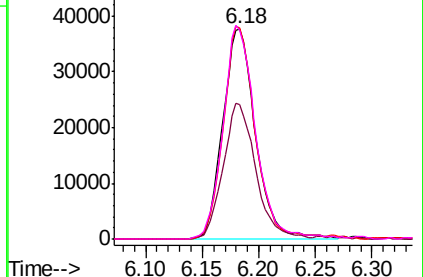
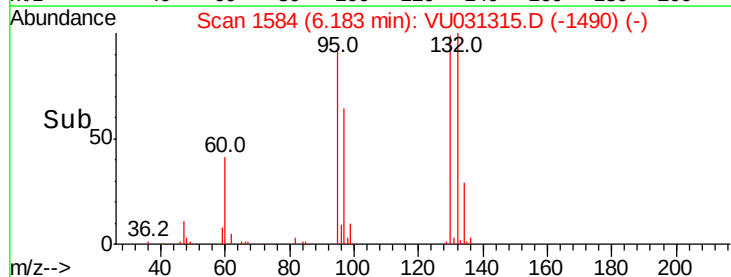
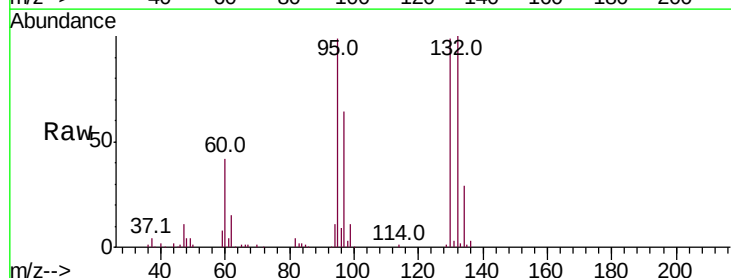
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.8	86.8
132	100.6	65.8	122.2
130	99.6	69.5	129.1

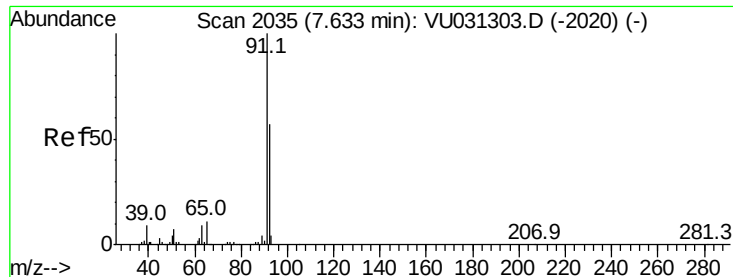
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 4.674 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031315.D

Acq: 18 Apr 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

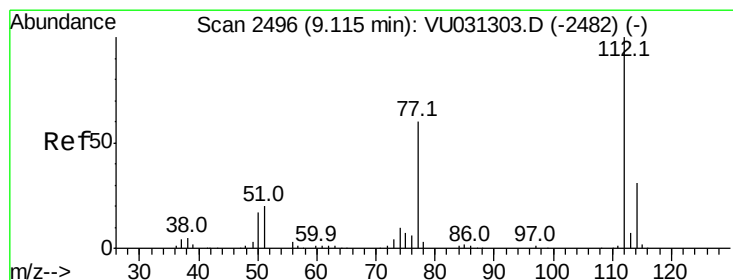
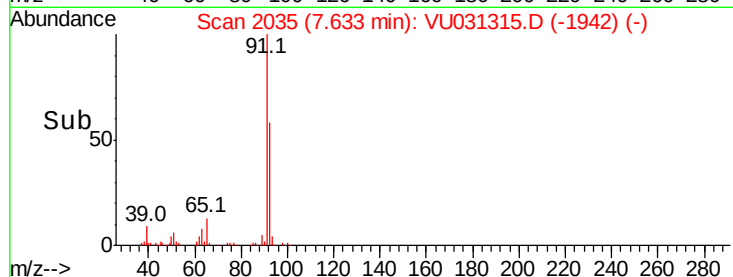
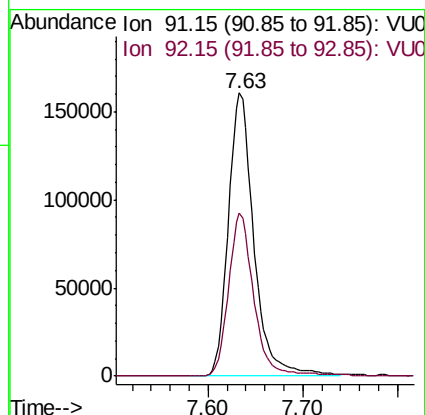
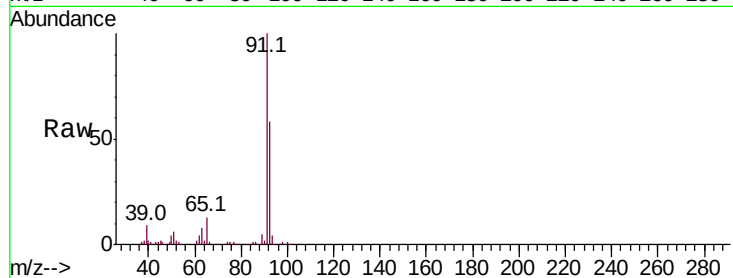
YAMX3MS

Tot Ion: 91 Resp: 302015

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.3



#51

Chlorobenzene

Concen: 4.857 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031315.D

Acq: 18 Apr 2019 18:31

Tgt Ion: 112 Resp: 196481

Ion Ratio Lower Upper

112 100

114 31.5 21.6 40.2

77 58.1 47.1 70.7

