

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029434.D
 Acq On : 12 Feb 2019 20:53
 Operator : JC/SP
 Sample : K1436-22MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MSD

Quant Time: Feb 13 14:02:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:26:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67224	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	60094	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	145998	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	4.19	46	157425	58.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.00%
24) Chloroform-d	4.64	84	97391	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	59697	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.34	84	234194	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.33	67	69939	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.56	98	225365	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.85	79	27046	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	157565	58.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60861	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	98414	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

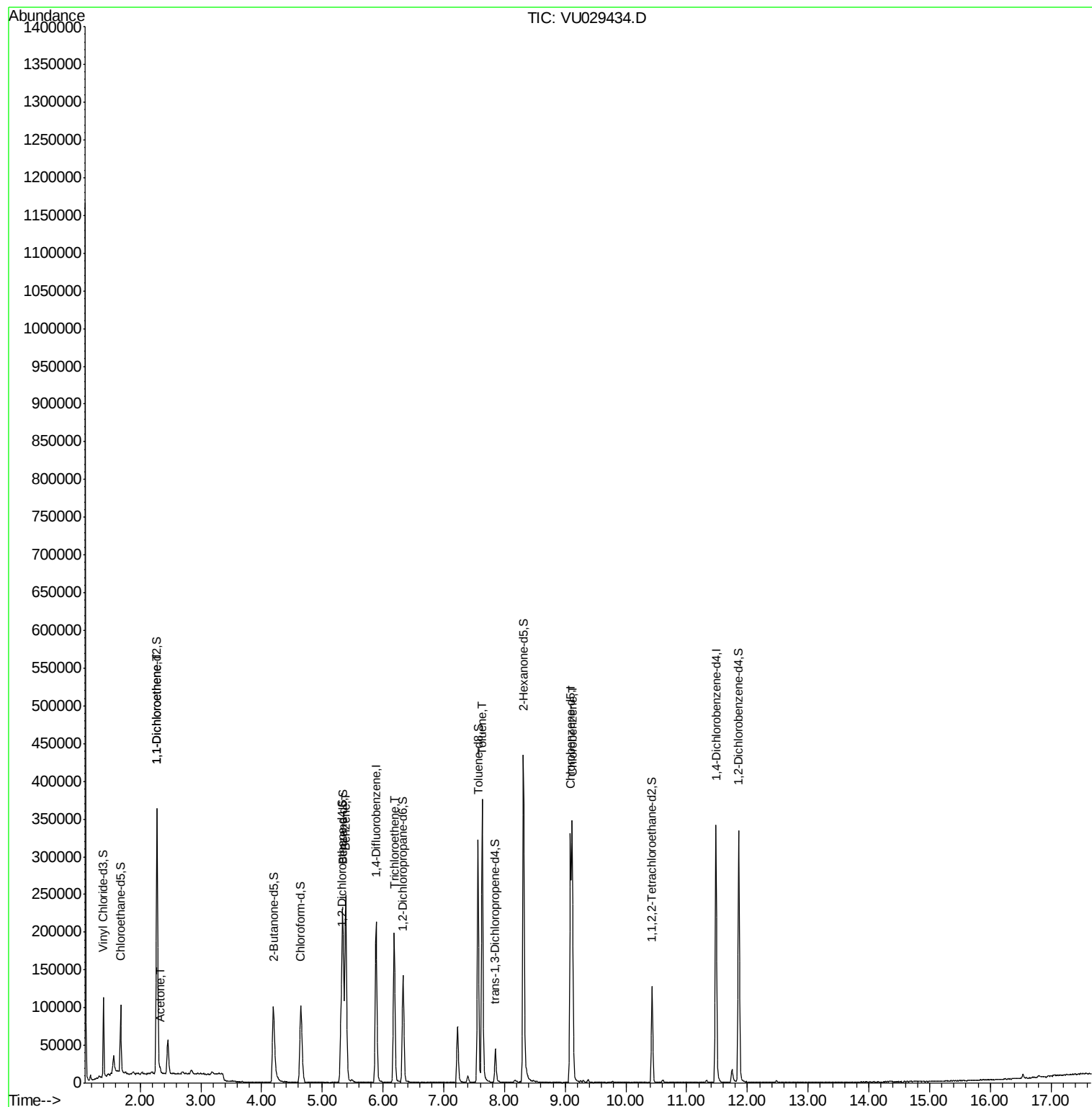
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	74539	4.662	ug/L	97
13) Acetone	2.32	43	5316	2.156	ug/L	93
33) Benzene	5.39	78	250328	4.642	ug/L	100
34) Trichloroethene	6.18	95	68029	4.487	ug/L	97
42) Toluene	7.63	91	287350	4.748	ug/L	100
51) Chlorobenzene	9.12	112	191466	4.600	ug/L	97

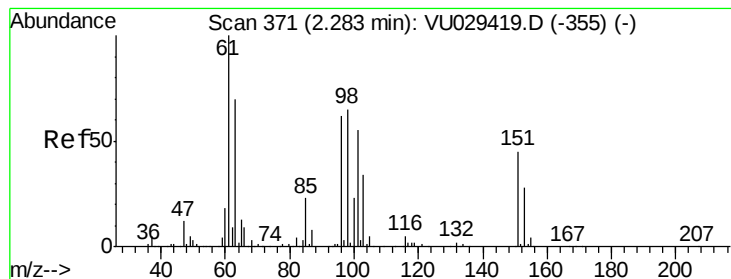
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.662 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

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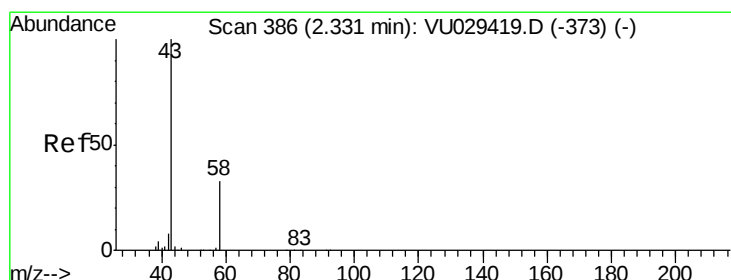
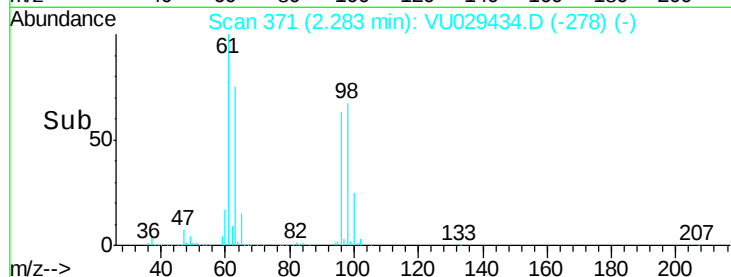
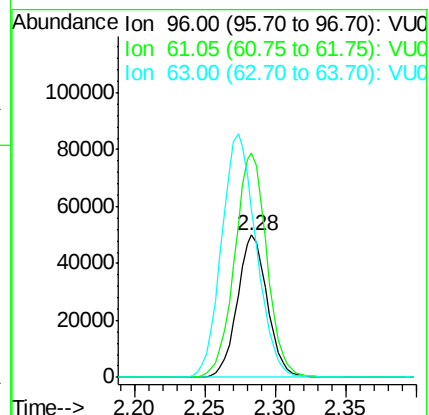
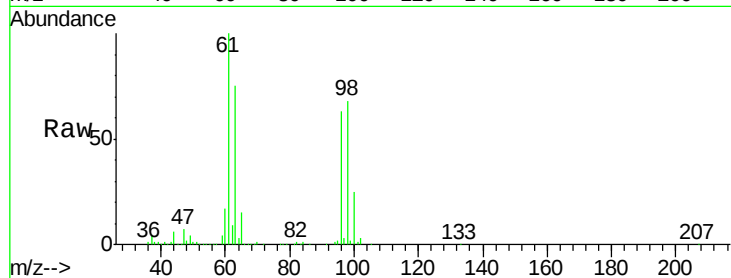
Tot Ion: 96 Resp: 74539

Ion Ratio Lower Upper

96 100

61 158.0 115.1 213.7

63 118.0 83.5 155.1



#13

Acetone

Concen: 2.156 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029434.D

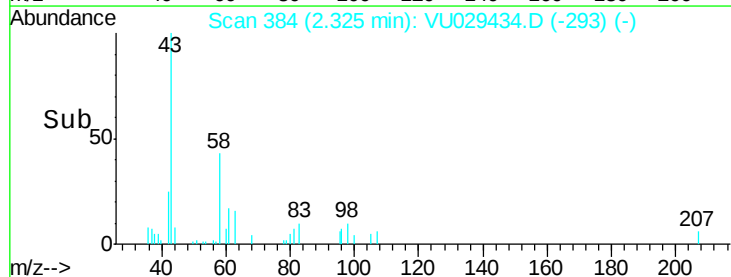
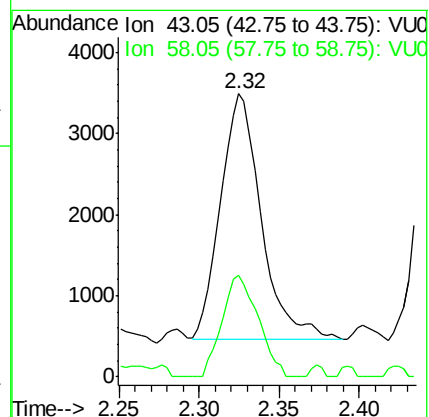
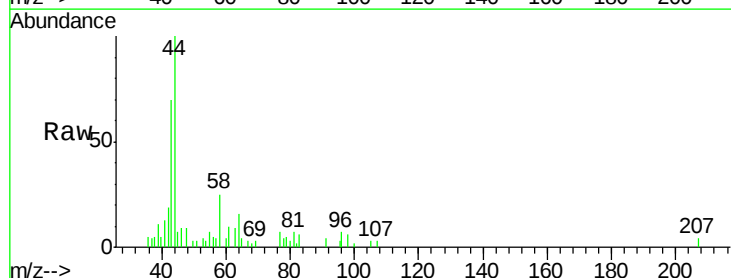
Acq: 12 Feb 2019 20:53

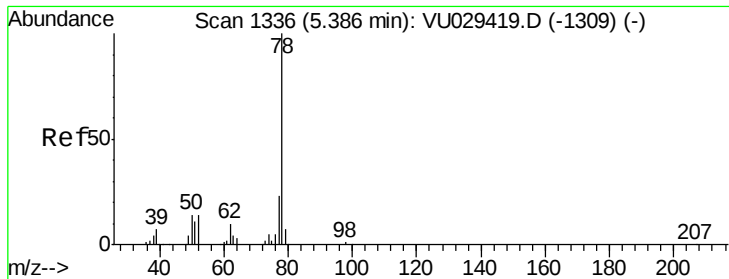
Tgt Ion: 43 Resp: 5316

Ion Ratio Lower Upper

43 100

58 36.2 0.0 65.0





#33

Benzene

Concen: 4.642 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

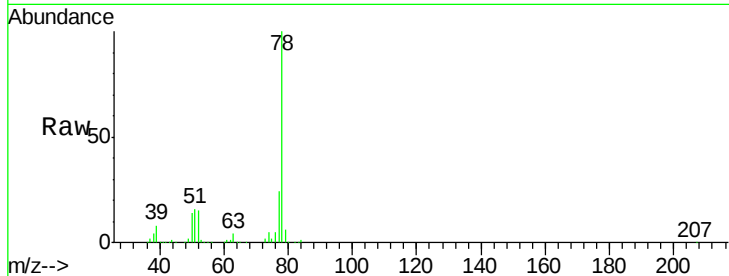
Instrument :

MSVOA_U

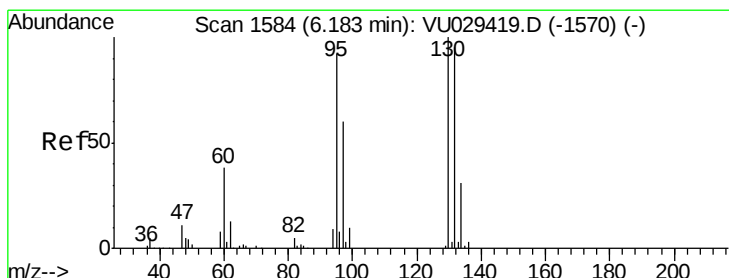
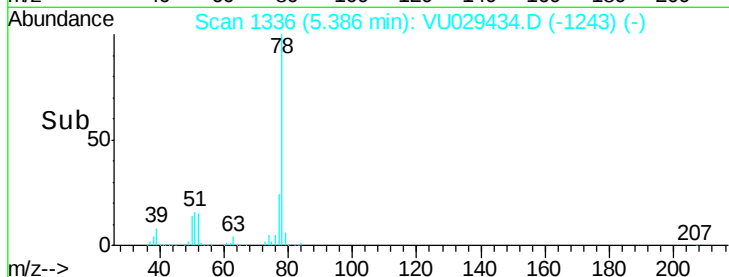
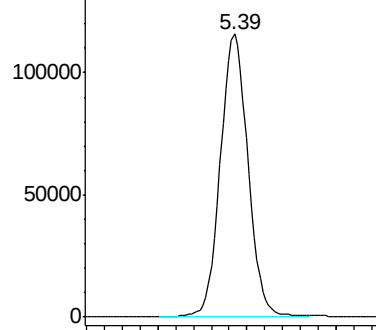
ClientSampleId :

ESXB3MSD

Tgt Ion: 78 Resp: 250328



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.487 ug/L

RT: 6.18 min Scan# 1584

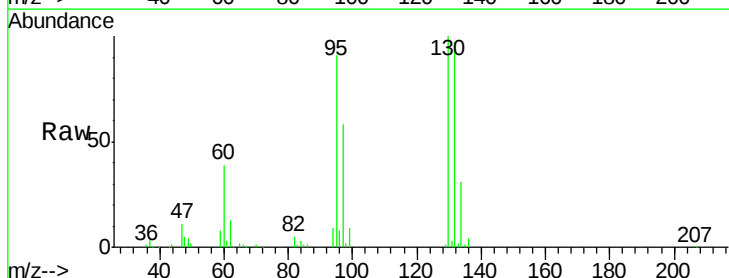
Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Tgt Ion: 95 Resp: 68029

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.3	86.1
132	107.1	72.9	135.3
130	110.3	79.2	147.0

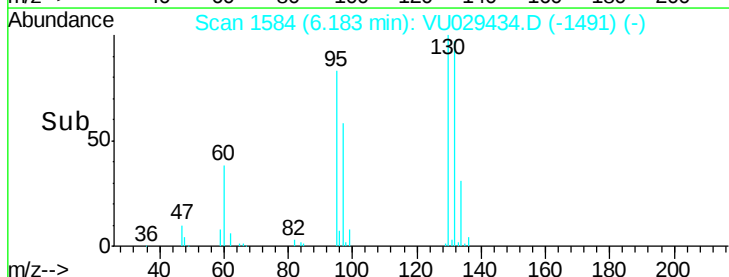


Abundance Ion 95.00 (94.70 to 95.70): VU0

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

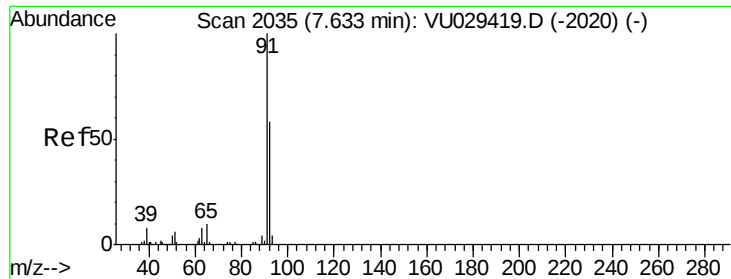


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.748 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

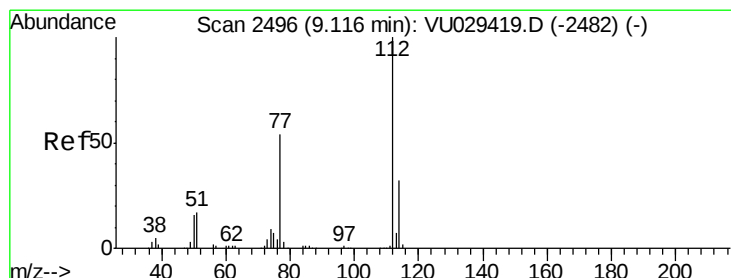
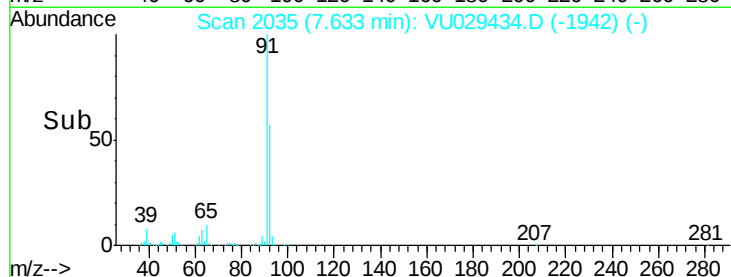
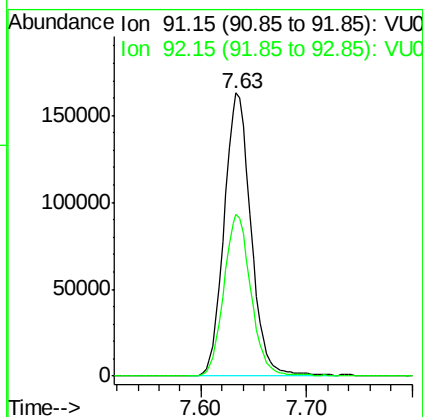
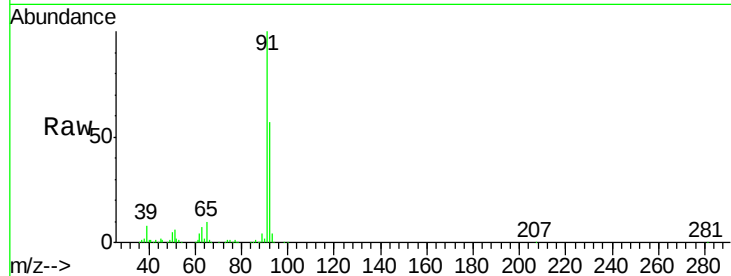
ESXB3MSD

Tot Ion: 91 Resp: 287350

Ion Ratio Lower Upper

91 100

92 57.0 39.8 73.8



#51

Chlorobenzene

Concen: 4.600 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Tgt Ion: 112 Resp: 191466

Ion Ratio Lower Upper

112 100

114 32.8 22.9 42.5

77 55.5 41.8 62.6

