

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029453.D
 Acq On : 14 Feb 2019 13:24
 Operator : JC/SP
 Sample : K1436-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MSD

Quant Time: Feb 15 01:28:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 00:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54493	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	50151	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.27	63	129997	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.19	46	134331	46.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.82%
24) Chloroform-d	4.65	84	95254	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.31	65	52292	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.34	84	210795	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	63583	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	202904	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	26278	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.31	63	135635	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53667	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	89255	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

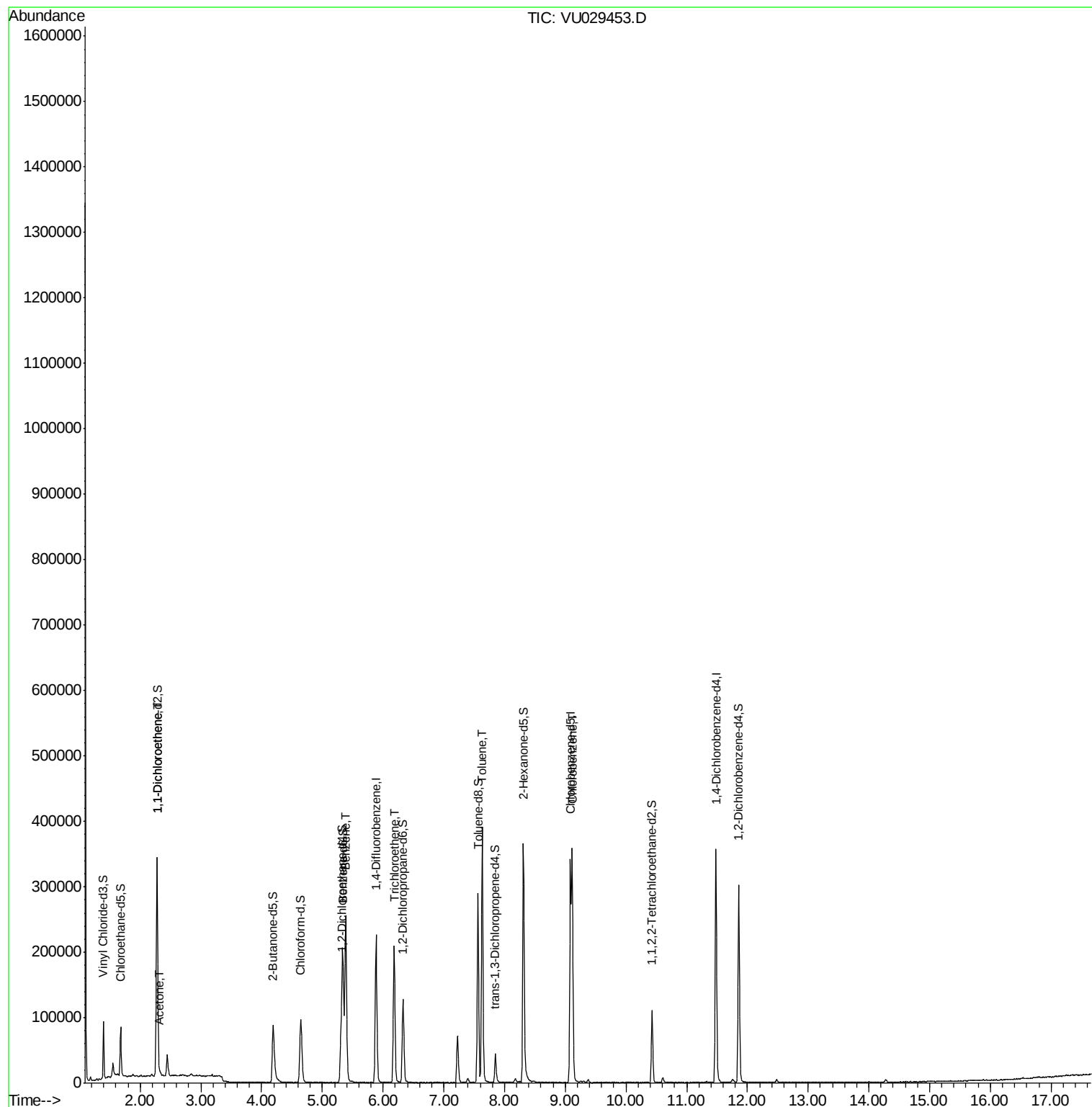
					Qvalue
12) 1,1-Dichloroethene	2.28	96	77638	4.553 ug/L	92
13) Acetone	2.32	43	5072	1.929 ug/L	91
33) Benzene	5.39	78	259923	4.573 ug/L	100
34) Trichloroethene	6.18	95	71659	4.484 ug/L	98
42) Toluene	7.63	91	293080	4.594 ug/L	99
51) Chlorobenzene	9.12	112	201102	4.584 ug/L	98

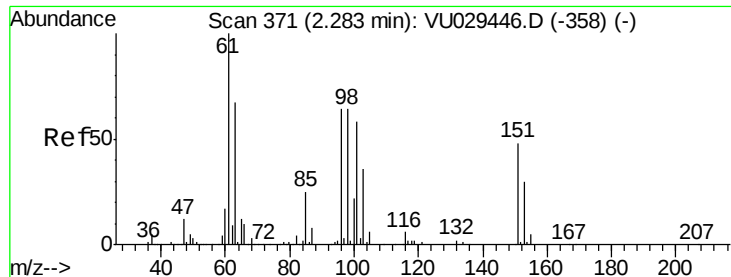
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029453.D
Acq On : 14 Feb 2019 13:24
Operator : JC/SP
Sample : K1436-22MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MSD

Quant Time: Feb 15 01:28:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

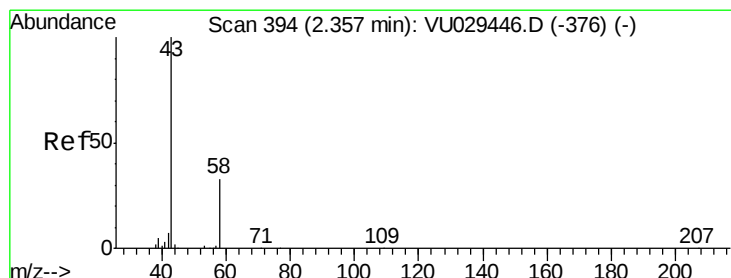
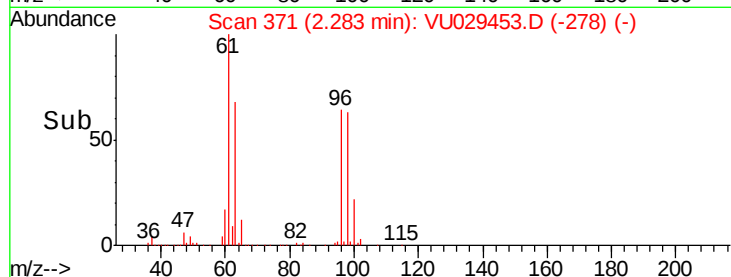
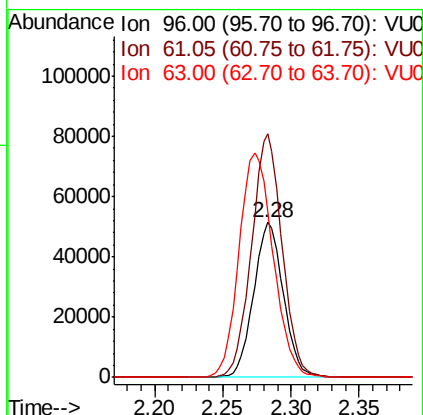
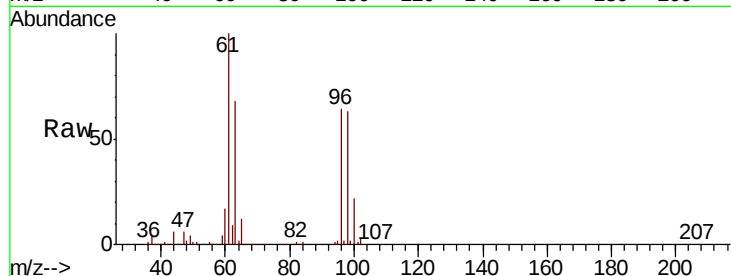




#12
 1,1-Dichloroethene
 Concen: 4.553 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU029453.D
 Acq: 14 Feb 2019 13:24

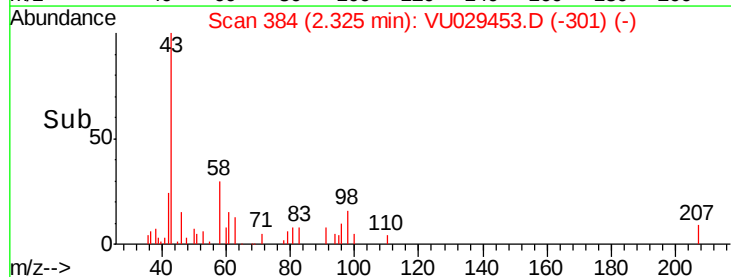
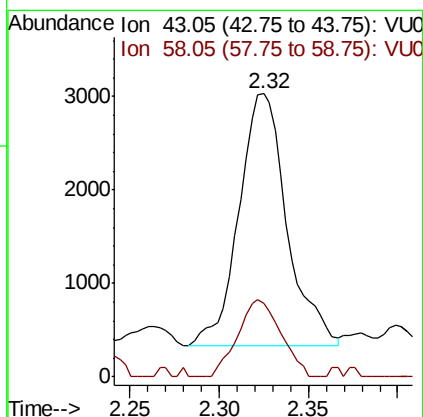
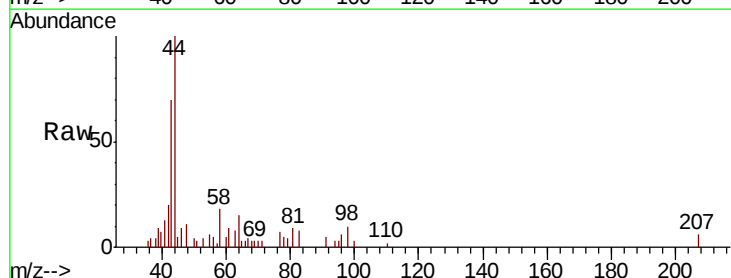
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MSD

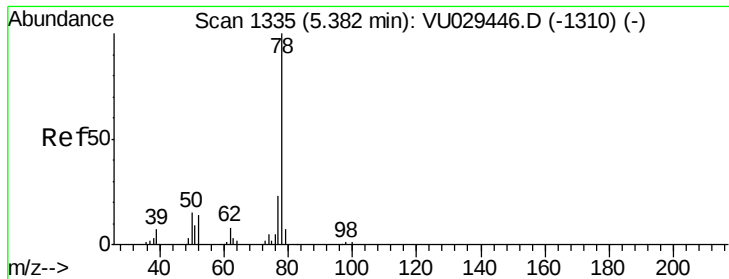
Tgt Ion: 96 Resp: 77638
 Ion Ratio Lower Upper
 96 100
 61 157.3 115.1 213.7
 63 106.6 83.5 155.1



#13
 Acetone
 Concen: 1.929 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. -0.03 min
 Lab File: VU029453.D
 Acq: 14 Feb 2019 13:24

Tgt Ion: 43 Resp: 5072
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 65.0





#33

Benzene

Concen: 4.573 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029453.D

Acq: 14 Feb 2019 13:24

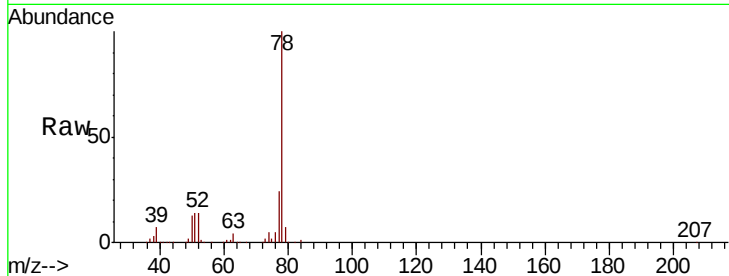
Instrument :

MSVOA_U

ClientSampleId :

ESXB3MSD

Tgt Ion: 78 Resp: 259923



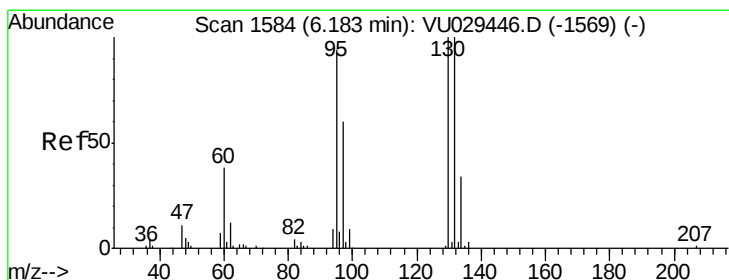
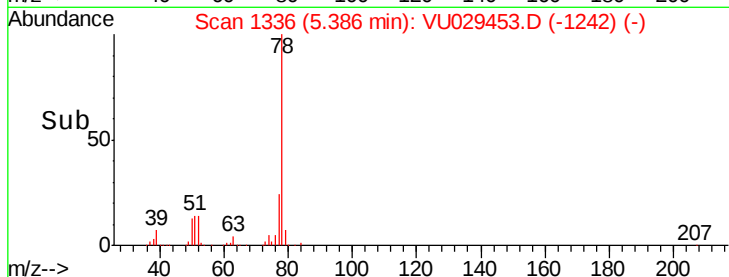
Abundance Ion 78.10 (77.80 to 78.80): VU0

5.39

100000

50000

Time-->



#34

Trichloroethene

Concen: 4.484 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029453.D

Acq: 14 Feb 2019 13:24

Tgt Ion: 95 Resp: 71659

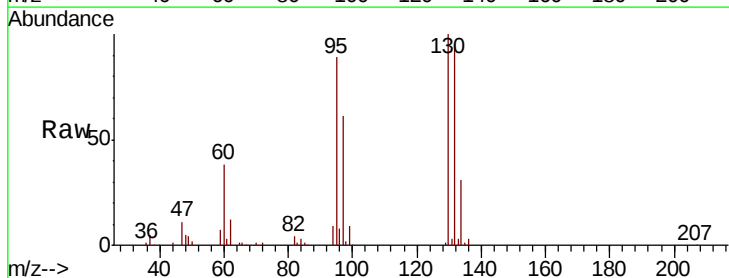
Ion Ratio Lower Upper

95 100

97 68.0 46.3 86.1

132 106.6 72.9 135.3

130 112.0 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

6.18

60000

50000

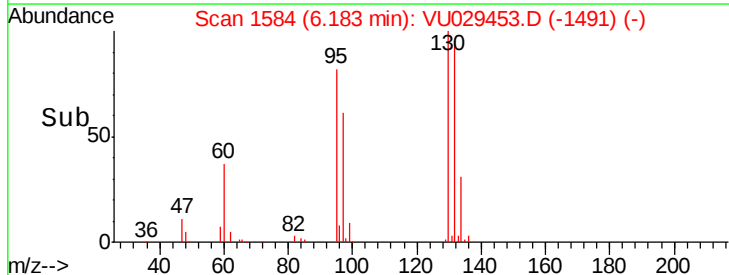
40000

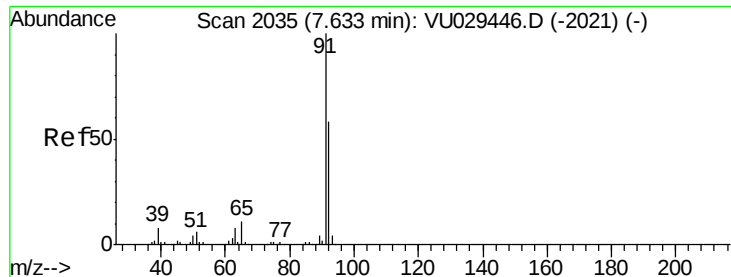
30000

20000

10000

Time-->





#42

Toluene

Concen: 4.594 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029453.D

Acq: 14 Feb 2019 13:24

Instrument :

MSVOA_U

ClientSampleId :

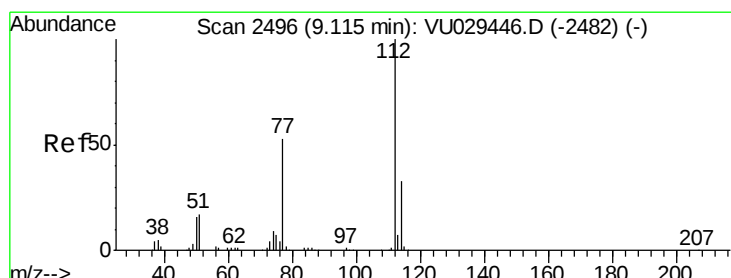
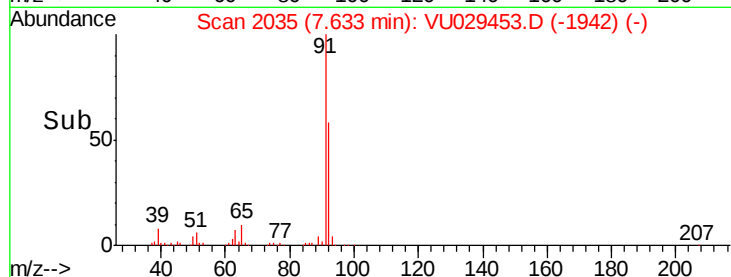
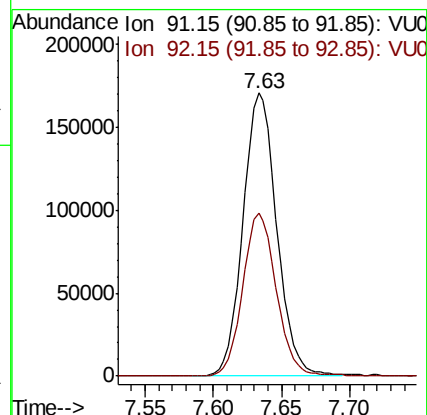
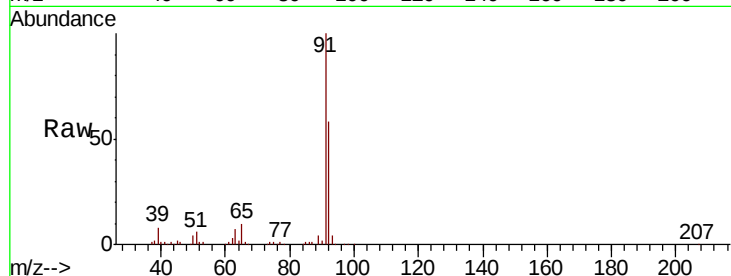
ESXB3MSD

Tgt Ion: 91 Resp: 293080

Ion Ratio Lower Upper

91 100

92 57.5 39.8 73.8



#51

Chlorobenzene

Concen: 4.584 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU029453.D

Acq: 14 Feb 2019 13:24

Tgt Ion: 112 Resp: 201102

Ion Ratio Lower Upper

112 100

114 31.4 22.9 42.5

77 53.0 41.8 62.6

