

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031036.D
 Acq On : 11 Apr 2019 00:54
 Operator : JC/SP
 Sample : K2299-21MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Z7MSD

Quant Time: Apr 11 08:02:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	518755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	508904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	225361	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.68	69	183184	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.27	63	412529	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.50%
21) 2-Butanone-d5	4.17	46	389735	106.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.19%
24) Chloroform-d	4.64	84	360747	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.30	65	252080	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
32) Benzene-d6	5.33	84	768498	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.32	67	262754	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.22%
41) Toluene-d8	7.56	98	686005	52.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.85	79	113477	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.76%
47) 2-Hexanone-d5	8.31	63	250220	107.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	355003	51.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	238303	54.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.02%

Target Compounds

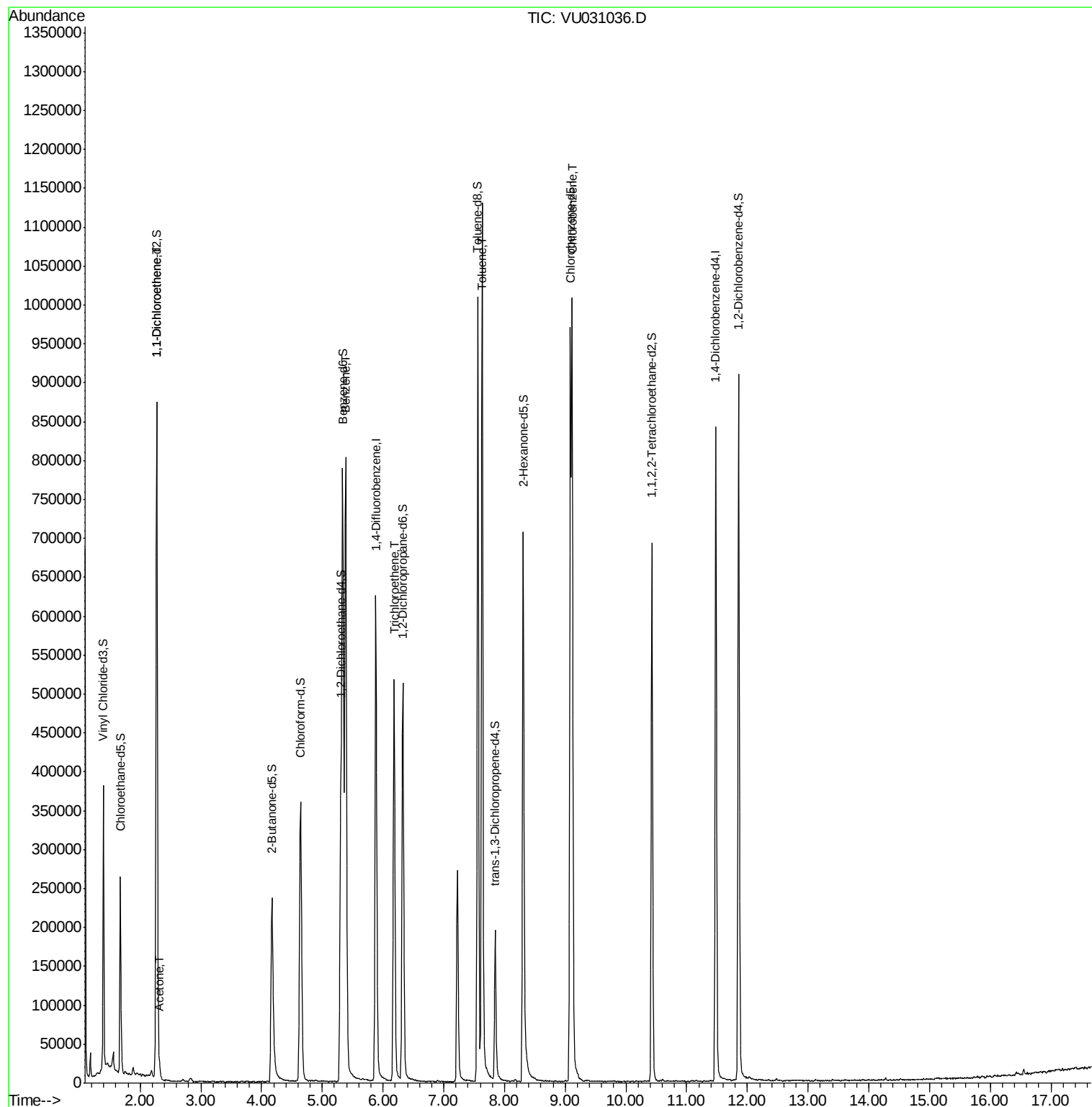
					Ovalue
12) 1,1-Dichloroethene	2.28	96	161411	45.013 ug/L	94
13) Acetone	2.32	43	16336	4.350 ug/L	98
33) Benzene	5.38	78	795124	47.745 ug/L	100
34) Trichloroethene	6.18	95	189097	46.295 ug/L	96
42) Toluene	7.63	91	820848	48.287 ug/L	99
51) Chlorobenzene	9.12	112	512895	49.193 ug/L	98

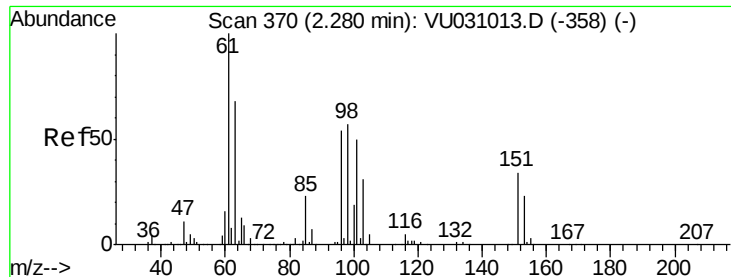
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 05:17:40 2019
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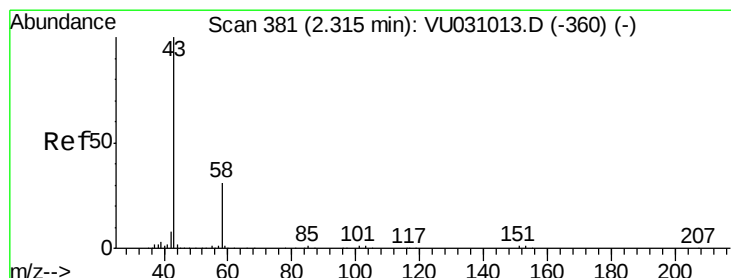
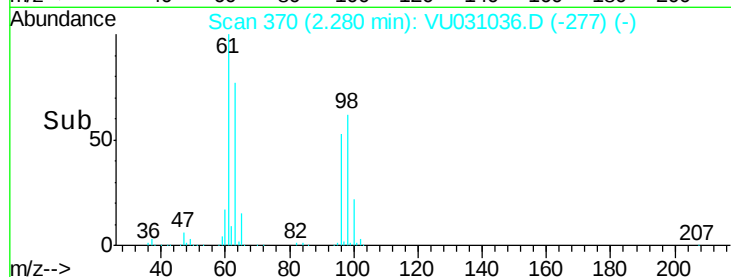
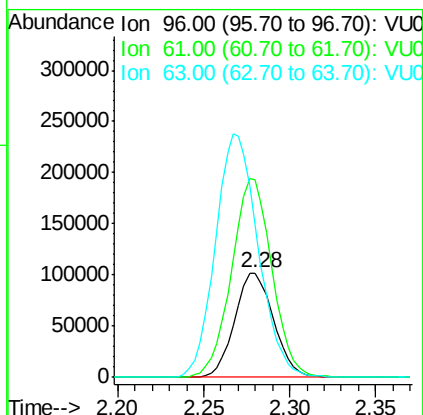
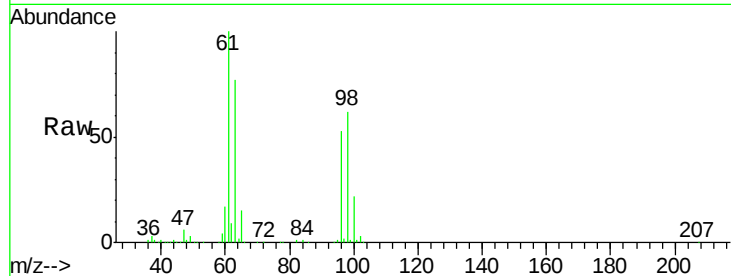




#12
 1,1-Dichloroethene
 Concen: 45.013 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VU031036.D
 Acq: 11 Apr 2019 00:54

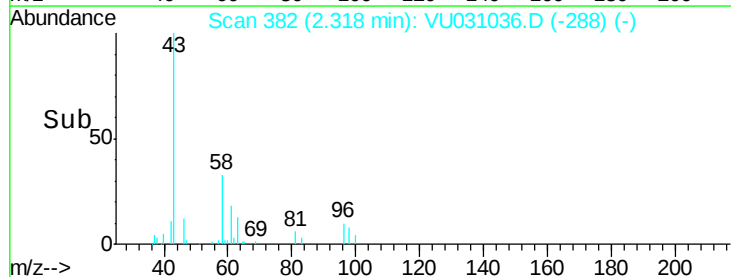
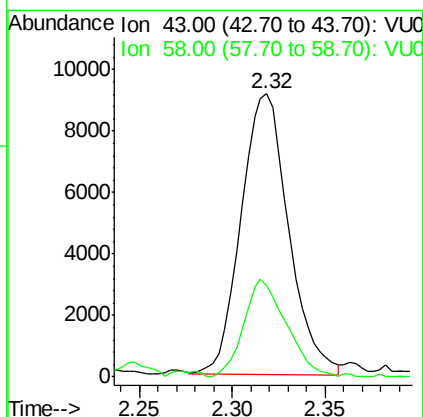
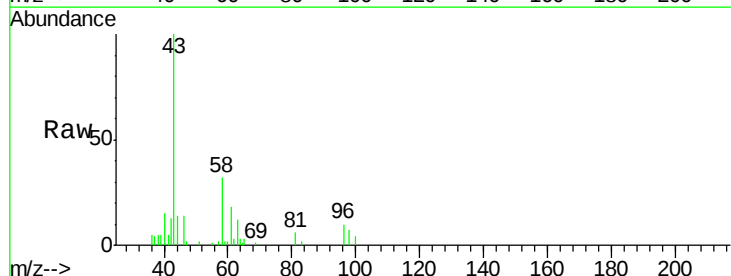
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Z7MSD

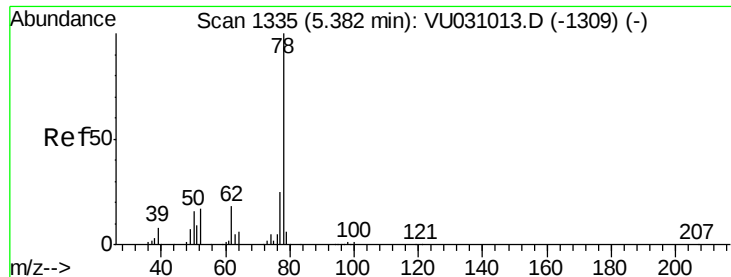
Tot Ion: 96 Resp: 161411
 Ion Ratio Lower Upper
 96 100
 61 189.1 132.0 245.2
 63 146.5 90.9 168.9



#13
 Acetone
 Concen: 4.350 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU031036.D
 Acq: 11 Apr 2019 00:54

Tgt Ion: 43 Resp: 16336
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 64.0





#33

Benzene

Concen: 47.745 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031036.D

Acq: 11 Apr 2019 00:54

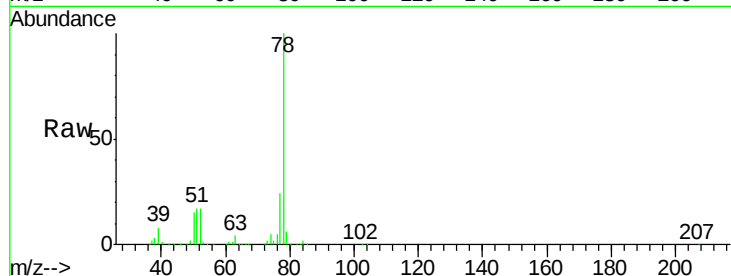
Instrument :

MSVOA_U

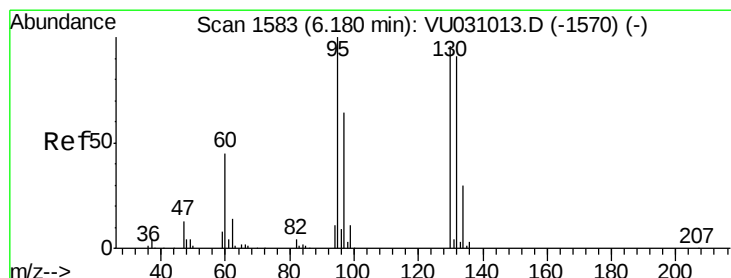
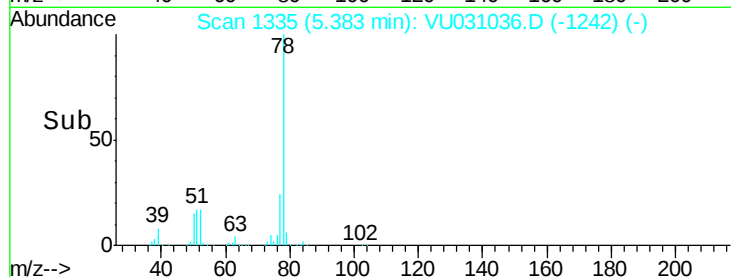
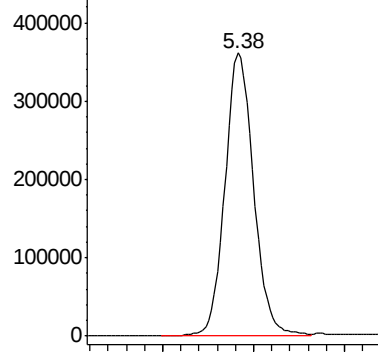
ClientSampleId :

DB6Z7MSD

Tgt Ion: 78 Resp: 795124



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 46.295 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031036.D

Acq: 11 Apr 2019 00:54

Tgt Ion: 95 Resp: 189097

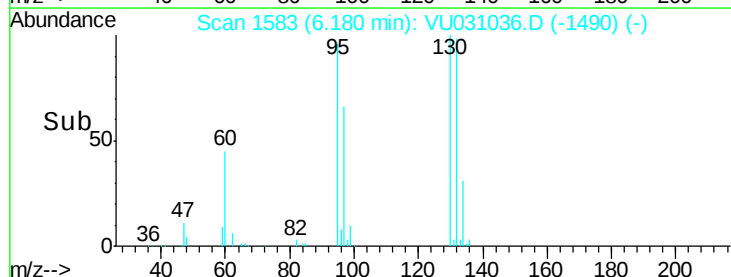
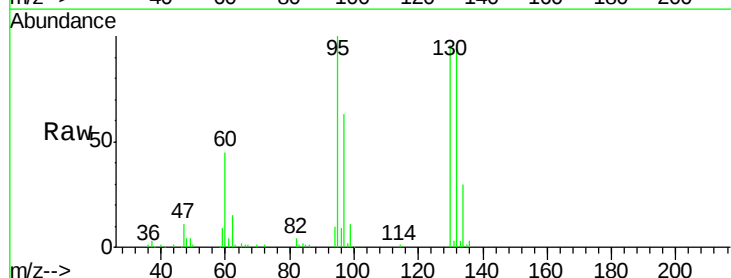
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.5	82.7
132	93.5	61.5	114.1
130	95.9	64.9	120.5

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

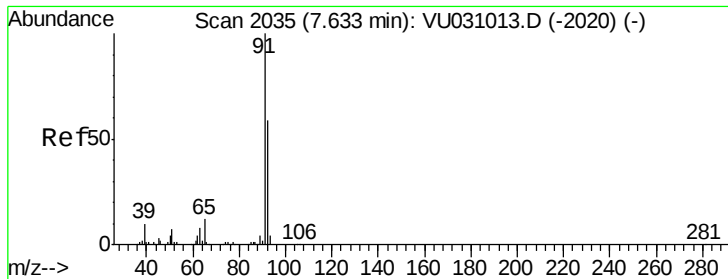
Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0



#42

Toluene

Concen: 48.287 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031036.D

Acq: 11 Apr 2019 00:54

Instrument :

MSVOA_U

ClientSampleId :

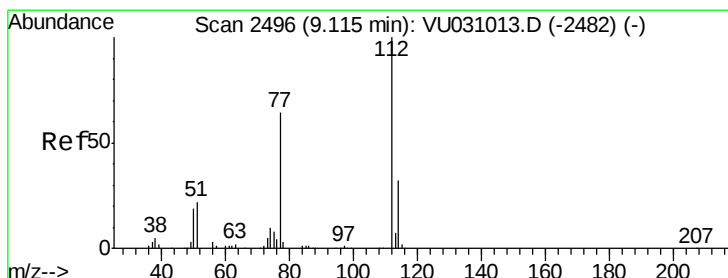
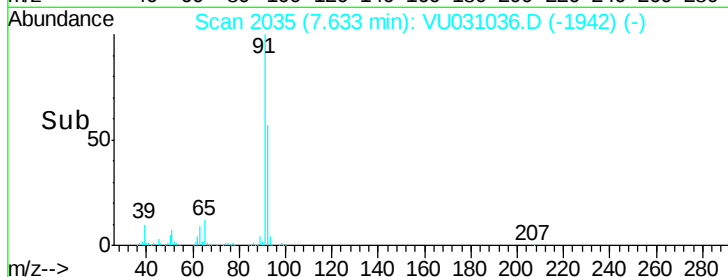
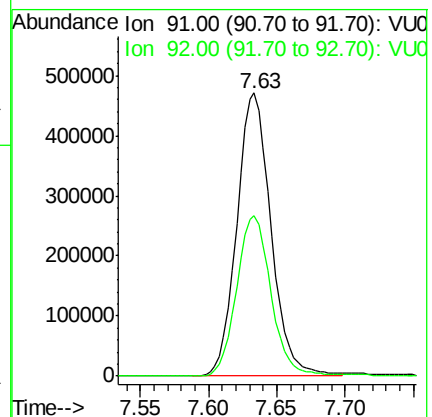
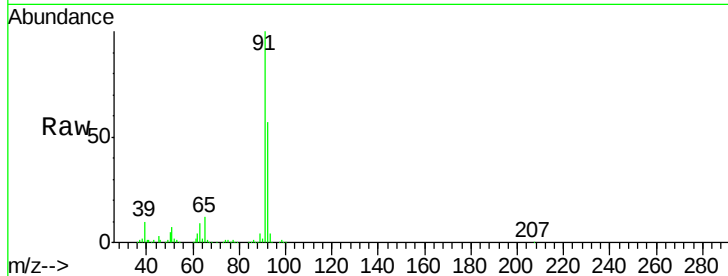
DB6Z7MSD

Tot Ion: 91 Resp: 820848

Ion Ratio Lower Upper

91 100

92 56.6 40.0 74.4



#51

Chlorobenzene

Concen: 49.193 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031036.D

Acq: 11 Apr 2019 00:54

Tgt Ion: 112 Resp: 512895

Ion Ratio Lower Upper

112 100

114 32.5 22.2 41.2

77 62.4 51.7 77.5

