

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031167.D
 Acq On : 13 Apr 2019 19:22
 Operator : JC/SP
 Sample : K2353-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60MS

Quant Time: Apr 13 23:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196518	49.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.06%
7) Chloroethane-d5	1.67	69	153871	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.27	63	337439	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.04%
21) 2-Butanone-d5	4.17	46	316431	100.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.63%
24) Chloroform-d	4.64	84	303555	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
26) 1,2-Dichloroethane-d4	5.30	65	213163	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.33	84	614730	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
36) 1,2-Dichloropropane-d6	6.32	67	208557	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.70%
41) Toluene-d8	7.56	98	539190	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.85	79	92555	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
47) 2-Hexanone-d5	8.31	63	191651	88.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318598	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	200271	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

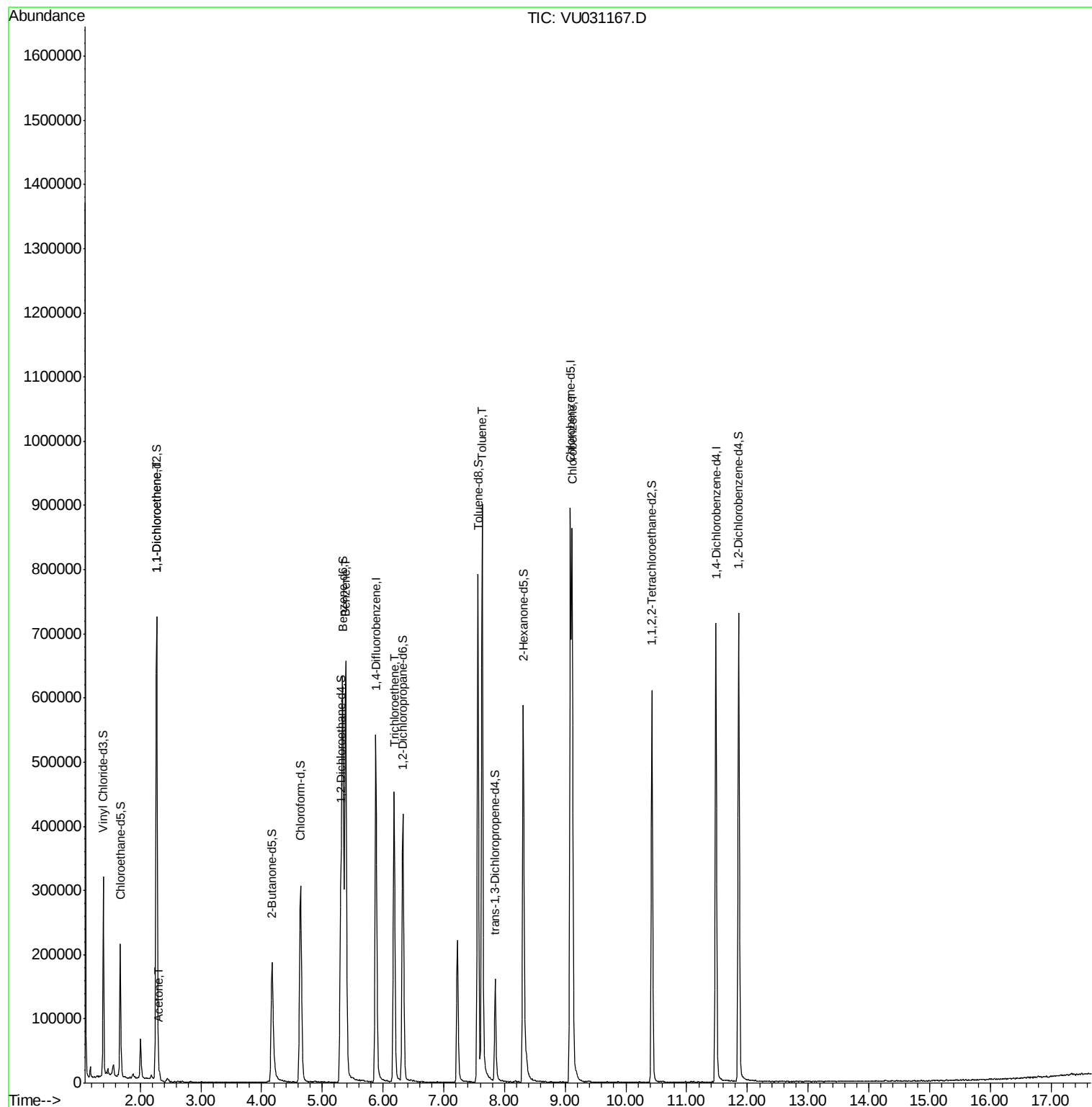
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	133104	43.325	ug/L	90
13) Acetone	2.32	43	8553	2.658	ug/L	90
33) Benzene	5.38	78	647598	41.627	ug/L	100
34) Trichloroethene	6.18	95	162557	42.603	ug/L	96
42) Toluene	7.63	91	664130	41.821	ug/L	100
51) Chlorobenzene	9.12	112	453031	46.514	ug/L	97

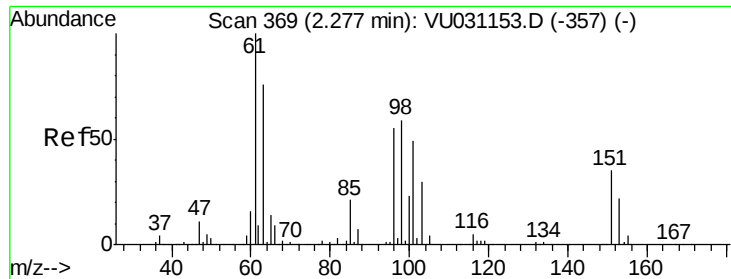
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 43.325 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031167.D

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ClientSampleId :

ETJ60MS

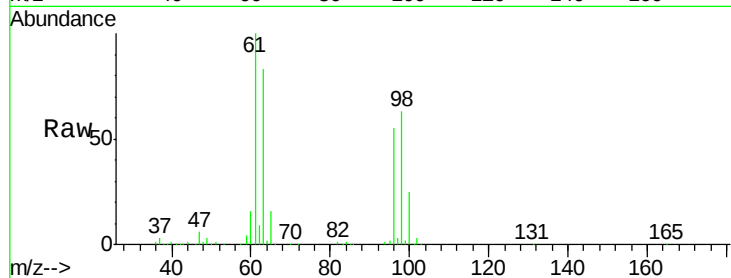
Tot Ion: 96 Resp: 133104

Ion Ratio Lower Upper

96 100

61 180.9 132.0 245.2

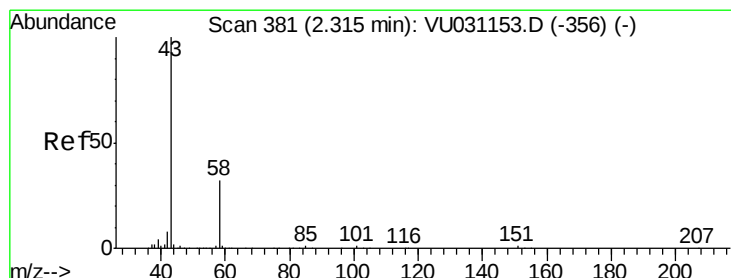
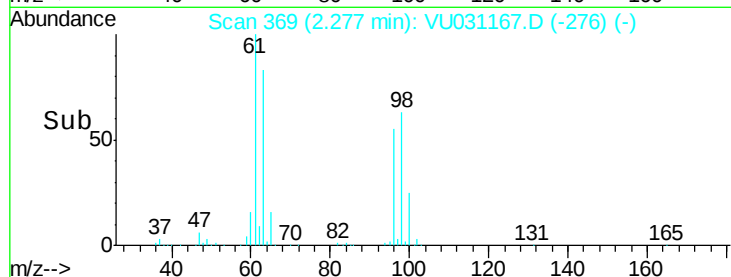
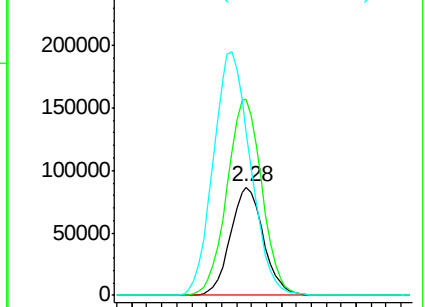
63 150.2 90.9 168.9



Abundance Ion 96.00 (95.70 to 96.70): VU031167.D (-276) (-)

Ion 61.00 (60.70 to 61.70): VU031167.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU031167.D (-276) (-)



#13

Acetone

Concen: 2.658 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031167.D

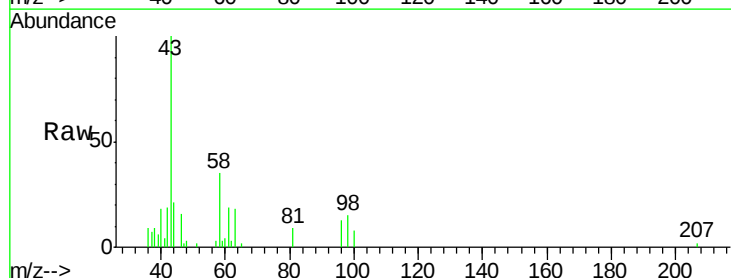
Acq: 13 Apr 2019 19:22

Tgt Ion: 43 Resp: 8553

Ion Ratio Lower Upper

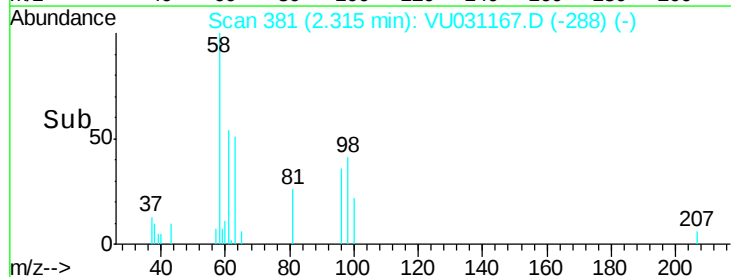
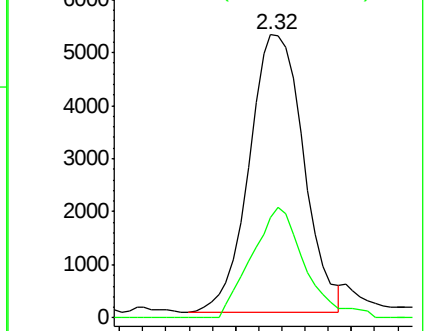
43 100

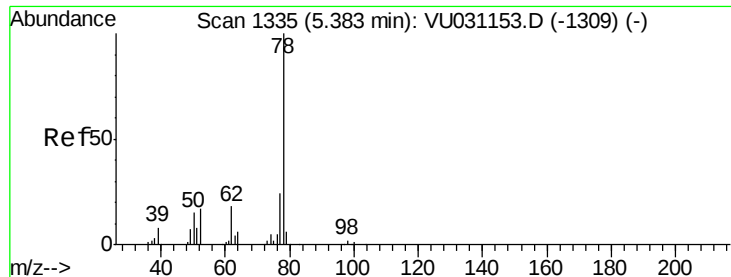
58 37.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031167.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031167.D (-288) (-)





#33

Benzene

Concen: 41.627 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031167.D

Acq: 13 Apr 2019 19:22

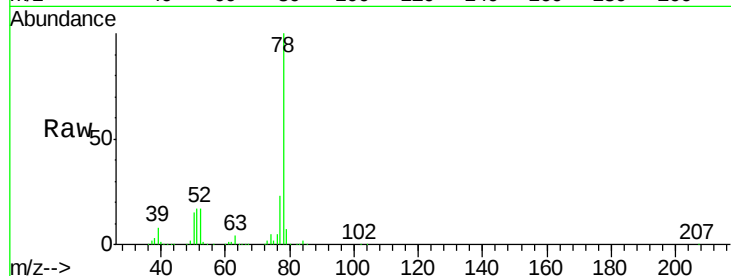
Instrument :

MSVOA_U

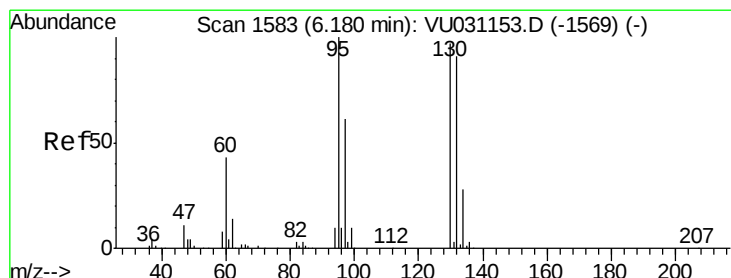
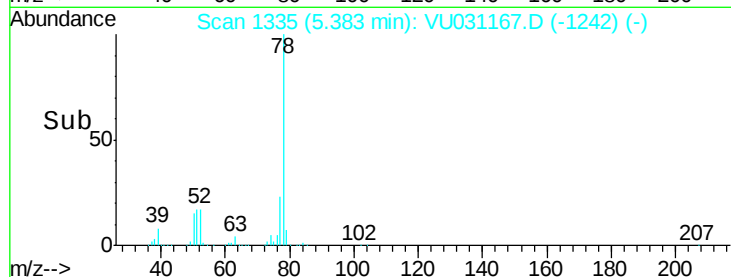
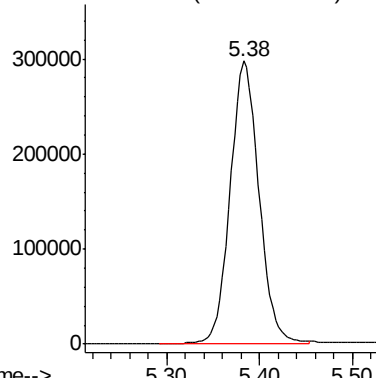
ClientSampleId :

ETJ60MS

Tgt Ion: 78 Resp: 647598



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 42.603 ug/L

RT: 6.18 min Scan# 1583

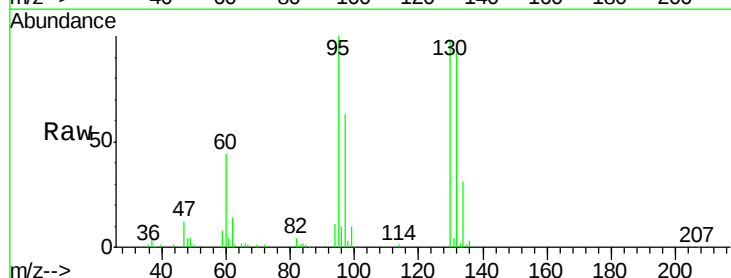
Delta R.T. 0.00 min

Lab File: VU031167.D

Acq: 13 Apr 2019 19:22

Tgt Ion: 95 Resp: 162557

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.5	82.7
132	92.2	61.5	114.1
130	97.5	64.9	120.5

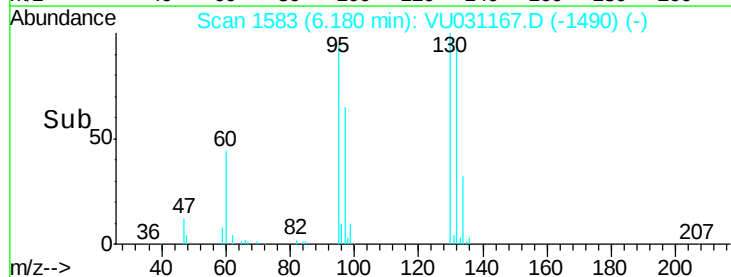


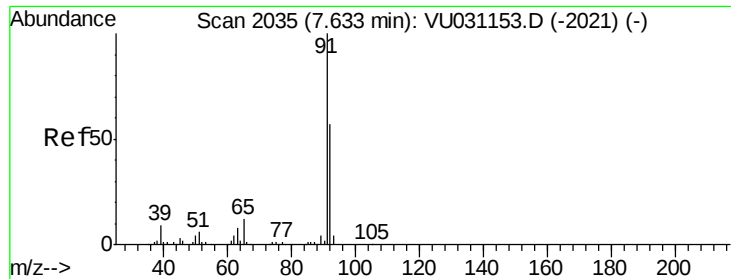
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 41.821 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031167.D

Acq: 13 Apr 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

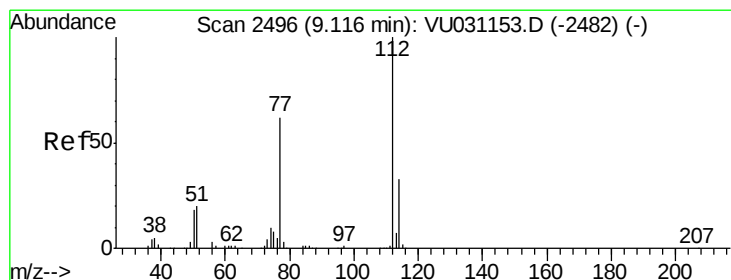
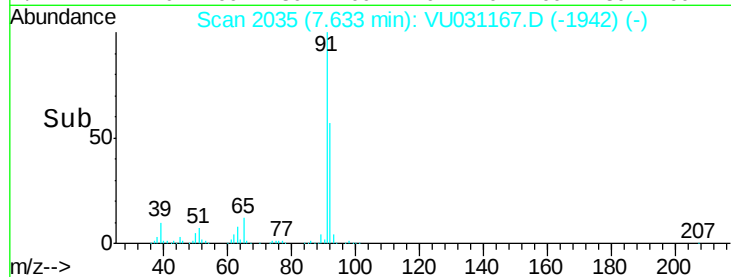
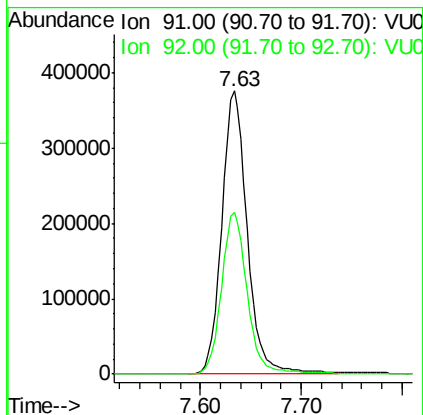
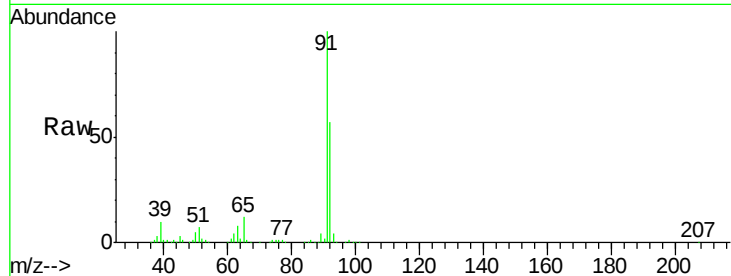
ETJ60MS

Tot Ion: 91 Resp: 664130

Ion Ratio Lower Upper

91 100

92 57.3 40.0 74.4



#51

Chlorobenzene

Concen: 46.514 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031167.D

Acq: 13 Apr 2019 19:22

Tgt Ion: 112 Resp: 453031

Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 61.8 51.7 77.5

