

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033139.D
 Acq On : 02 Jul 2019 14:33
 Operator : JC/SP
 Sample : K3608-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAML2MSD

Quant Time: Jul 03 02:39:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 02:14:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	91512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37730	7.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	142.40%#
7) Chloroethane-d5	1.68	69	29491	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.27	63	74822	6.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.00%
20) 2-Butanone-d5	4.19	46	99810	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.64	84	67008	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.31	65	38884	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.33	84	129661	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.32	67	42122	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.56	98	115534	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.85	79	16867	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	65602	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32880	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45662	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

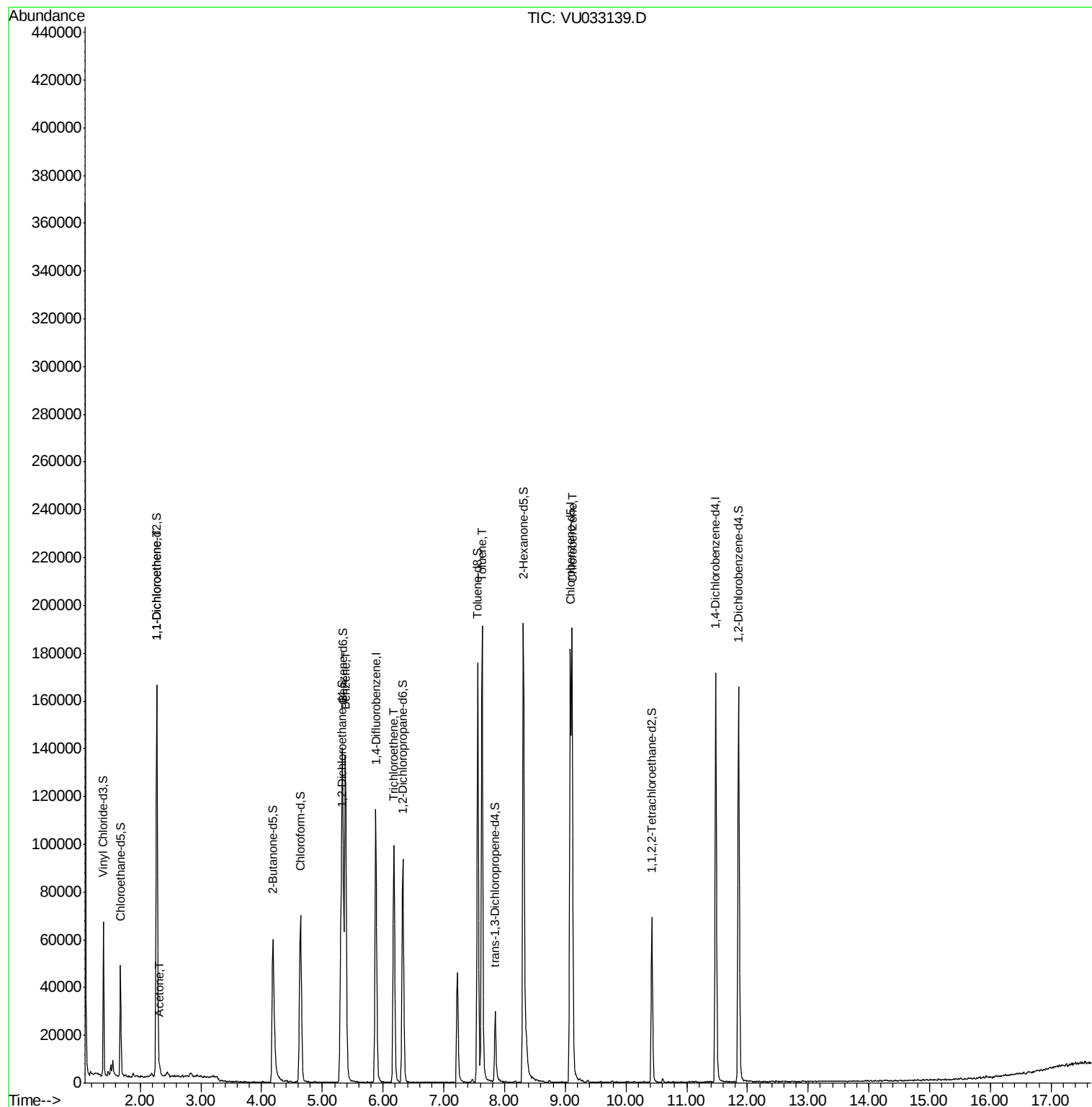
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	27242	4.562	ug/L	88
13) Acetone	2.32	43	3308	2.134	ug/L	93
33) Benzene	5.38	78	129160	4.635	ug/L	100
34) Trichloroethene	6.18	95	33777	4.443	ug/L	97
42) Toluene	7.63	91	136916	4.563	ug/L	97
51) Chlorobenzene	9.11	112	93194	4.713	ug/L	99

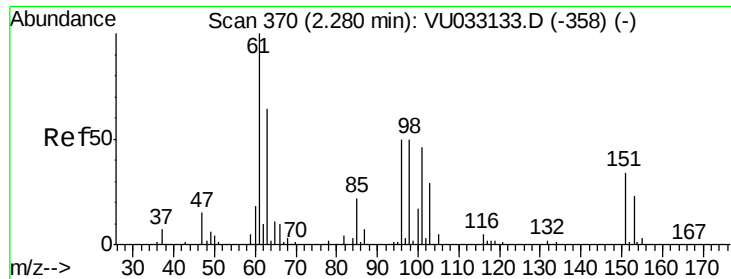
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.562 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

GAML2MSD

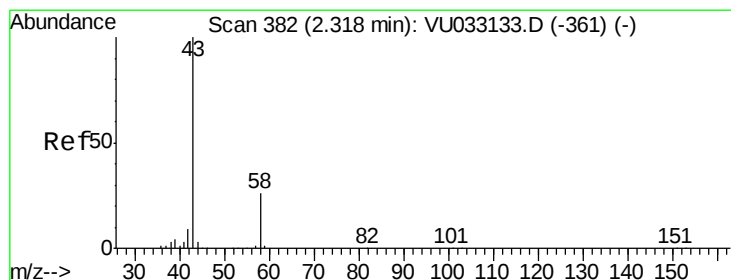
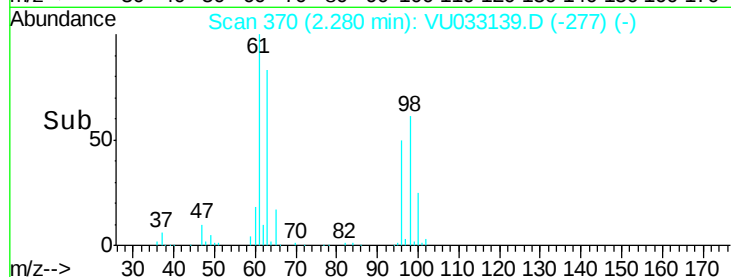
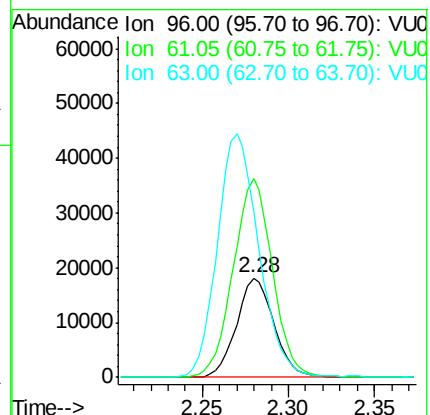
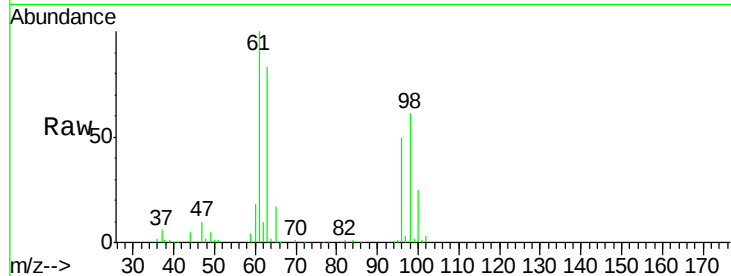
Tot Ion: 96 Resp: 27242

Ion Ratio Lower Upper

96 100

61 200.2 135.5 251.7

63 167.0 98.0 182.0



#13

Acetone

Concen: 2.134 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033139.D

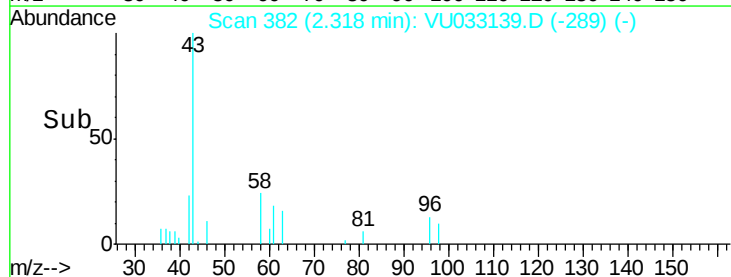
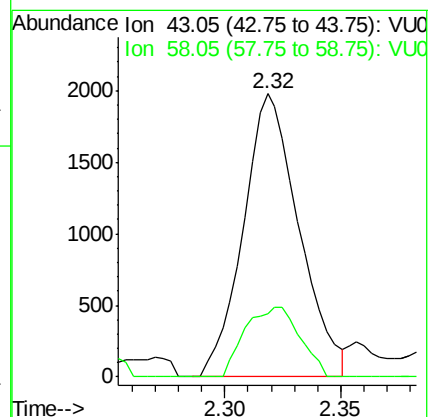
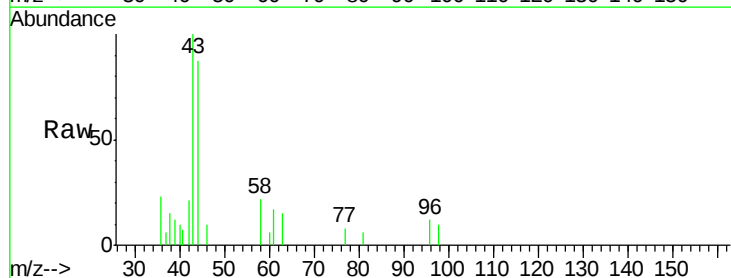
Acq: 02 Jul 2019 14:33

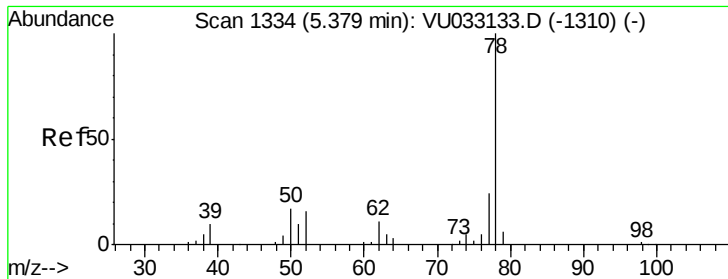
Tgt Ion: 43 Resp: 3308

Ion Ratio Lower Upper

43 100

58 24.2 0.0 55.4





#33

Benzene

Concen: 4.635 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033139.D

Acq: 02 Jul 2019 14:33

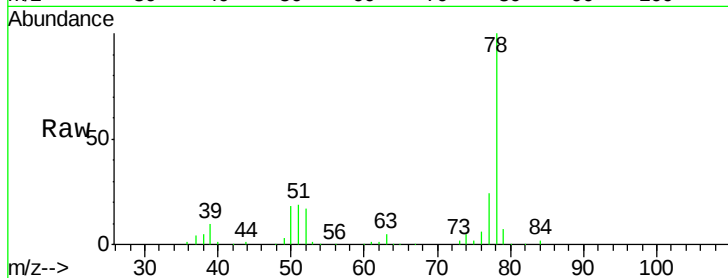
Instrument :

MSVOA_U

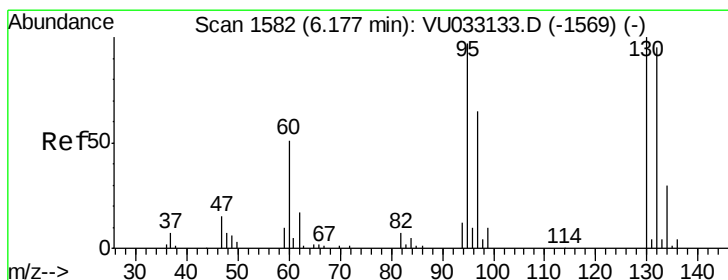
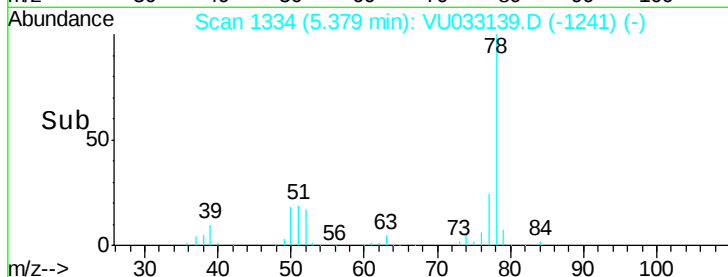
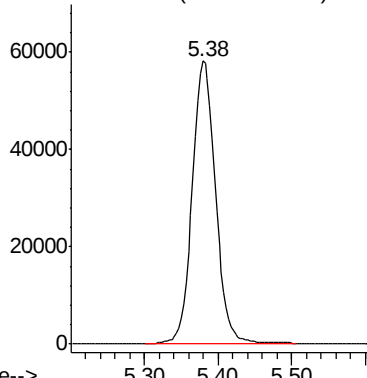
ClientSampleId :

GAML2MSD

Tgt Ion: 78 Resp: 129160



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.443 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033139.D

Acq: 02 Jul 2019 14:33

Tgt Ion: 95 Resp: 33777

Ion	Ratio	Lower	Upper
95	100		
97	65.5	42.8	79.4
132	95.2	64.6	120.0
130	99.9	70.0	130.0

95 100

97 65.5 42.8 79.4

132 95.2 64.6 120.0

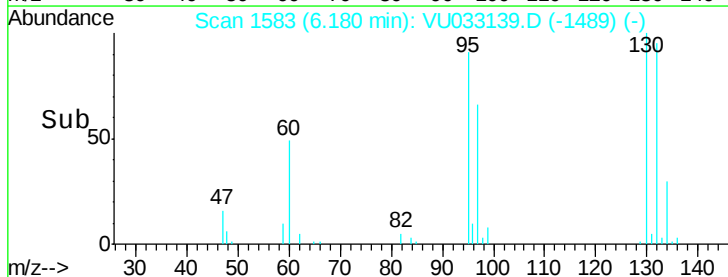
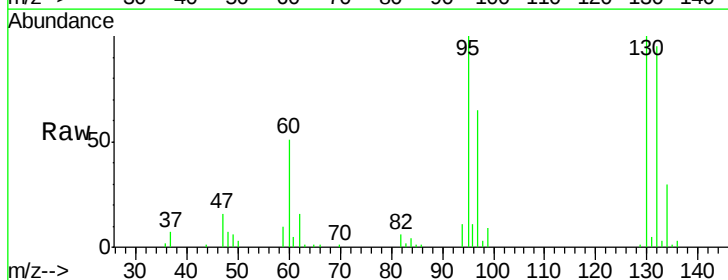
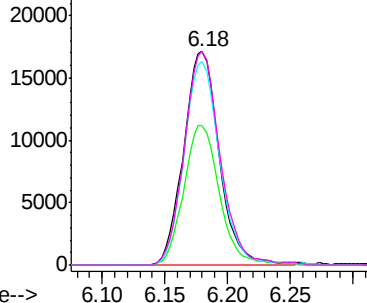
130 99.9 70.0 130.0

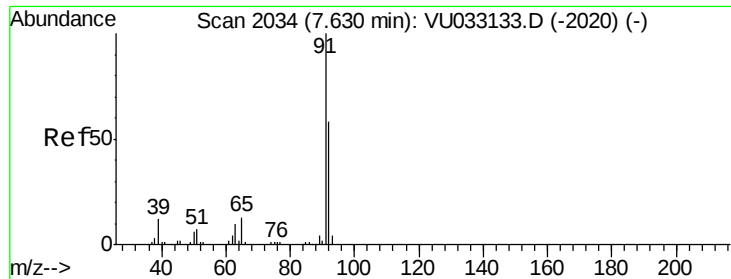
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 4.563 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033139.D

Acq: 02 Jul 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

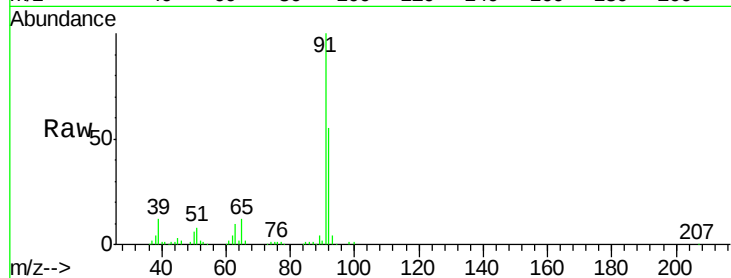
GAML2MSD

Tot Ion: 91 Resp: 136916

Ion Ratio Lower Upper

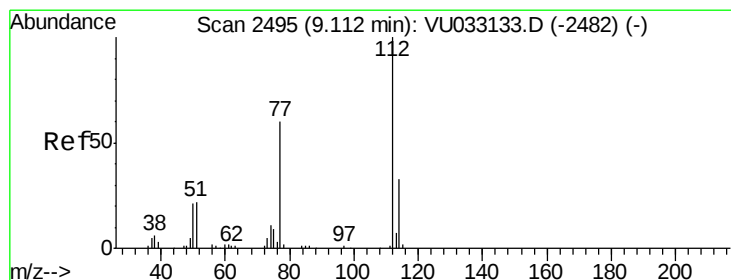
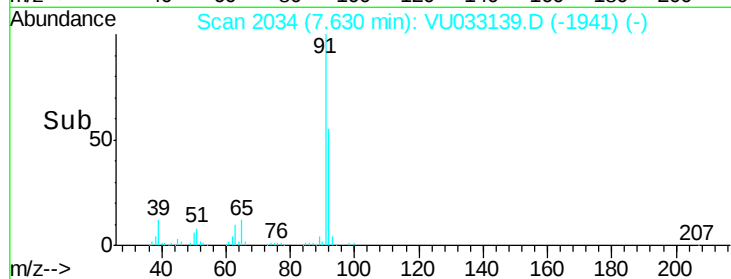
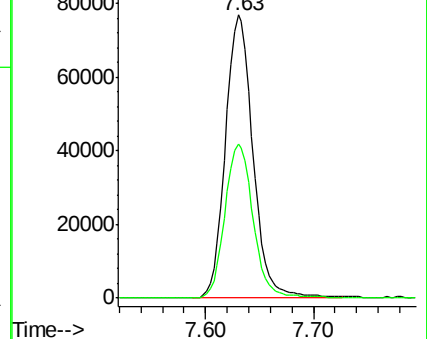
91 100

92 54.6 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU033139.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU033139.D (-2020) (-)



#51

Chlorobenzene

Concen: 4.713 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU033139.D

Acq: 02 Jul 2019 14:33

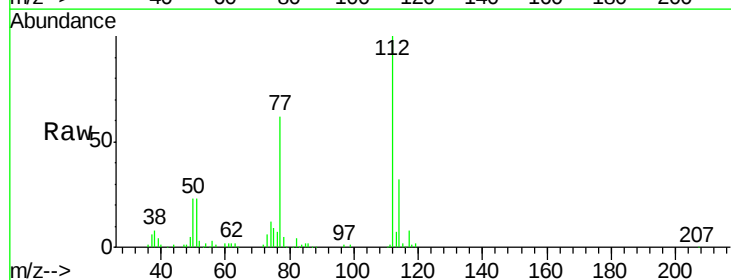
Tgt Ion: 112 Resp: 93194

Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.6

77 61.7 48.3 72.5



Abundance Ion 112.10 (111.80 to 112.80): VU033139.D (-2482) (-)

Ion 114.05 (113.75 to 114.75): VU033139.D (-2482) (-)

Ion 77.10 (76.80 to 77.80): VU033139.D (-2482) (-)

