

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033138.D
 Acq On : 02 Jul 2019 14:09
 Operator : JC/SP
 Sample : K3608-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAML2MS

Quant Time: Jul 03 02:37:28 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	92231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	97927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46041	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36989	6.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.60%#
7) Chloroethane-d5	1.68	69	30408	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.27	63	74339	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.20%
20) 2-Butanone-d5	4.19	46	99108	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	4.64	84	66841	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	39148	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.33	84	129103	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.32	67	41793	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.56	98	114744	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	16739	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.31	63	66034	47.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33736	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45783	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

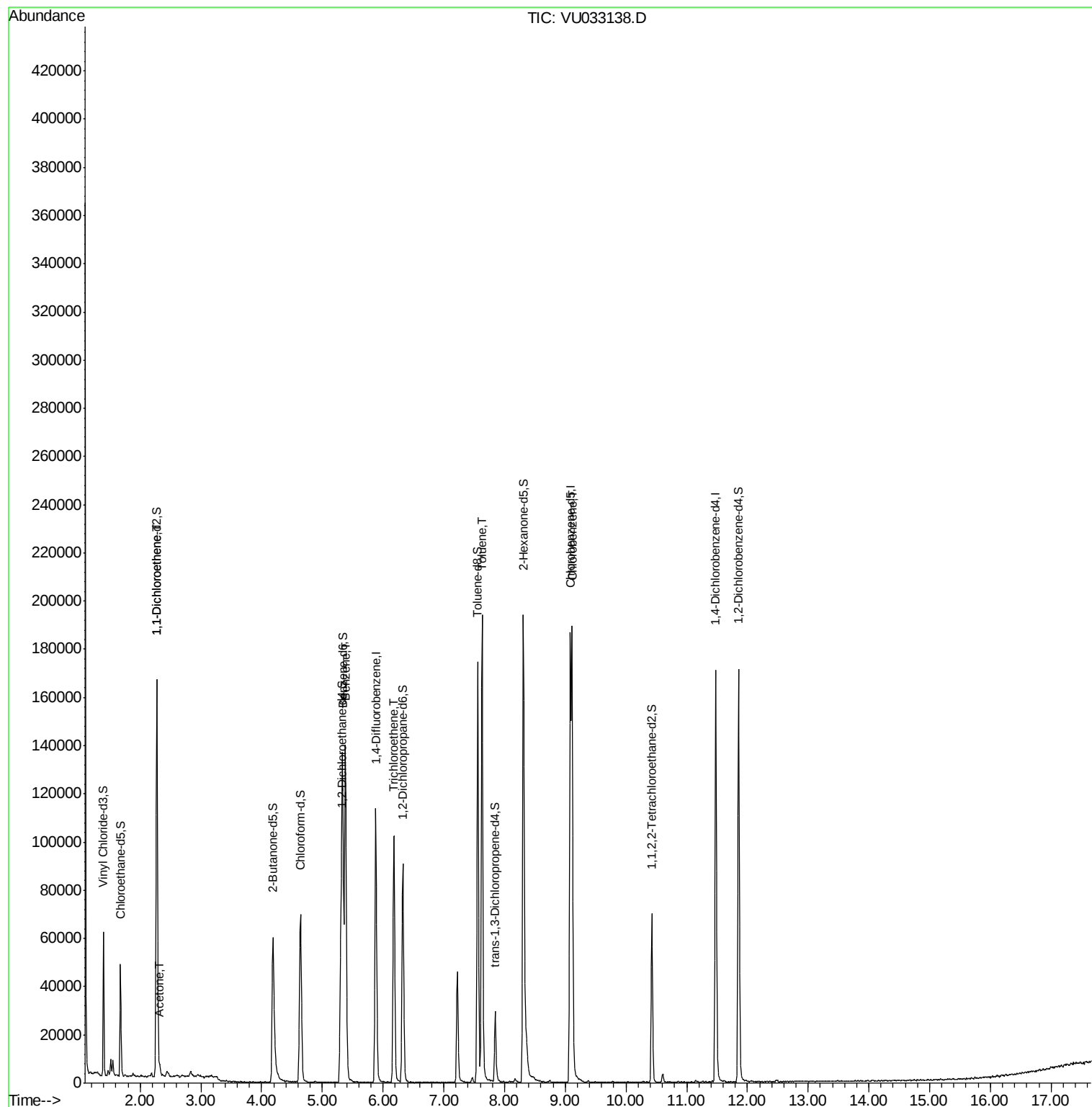
					Ovalue
12) 1,1-Dichloroethene	2.28	96	27989	4.651 ug/L	84
13) Acetone	2.32	43	3953	2.530 ug/L	95
33) Benzene	5.38	78	130745	4.531 ug/L	100
34) Trichloroethene	6.18	95	34424	4.373 ug/L	98
42) Toluene	7.63	91	138484	4.457 ug/L	99
51) Chlorobenzene	9.11	112	93914	4.586 ug/L	99

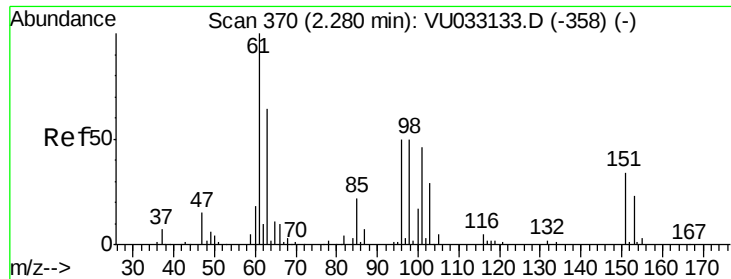
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.651 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

Instrument :

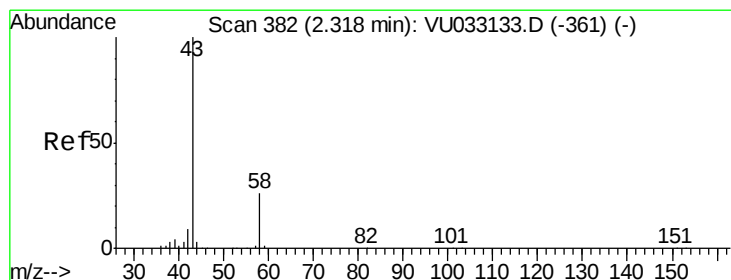
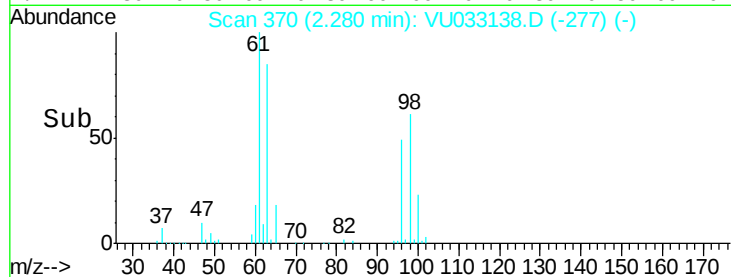
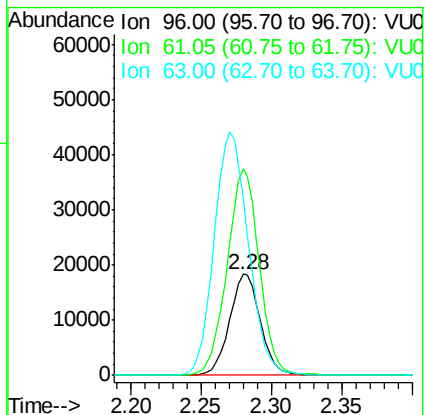
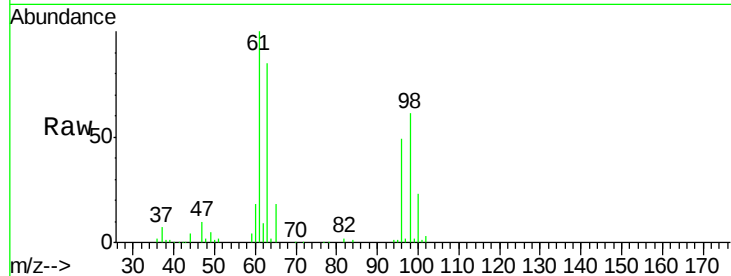
MSVOA_U

ClientSampleId :

GAML2MS

Tot Ion: 96 Resp: 27989

Ion	Ratio	Lower	Upper
96	100		
61	204.1	135.5	251.7
63	173.2	98.0	182.0



#13

Acetone

Concen: 2.530 ug/L

RT: 2.32 min Scan# 382

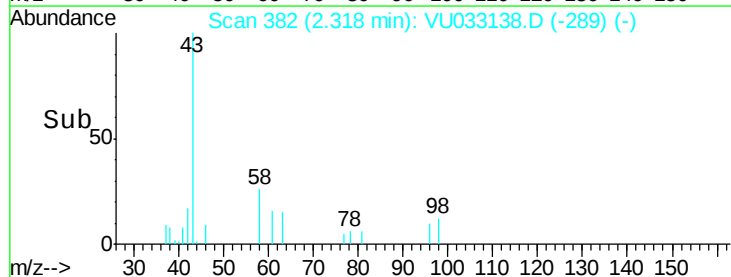
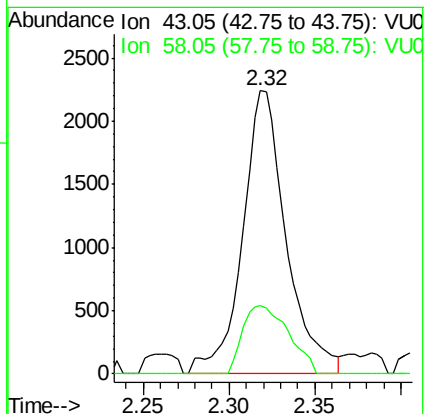
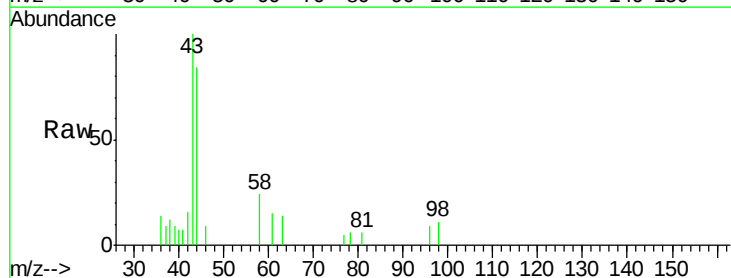
Delta R.T. -0.00 min

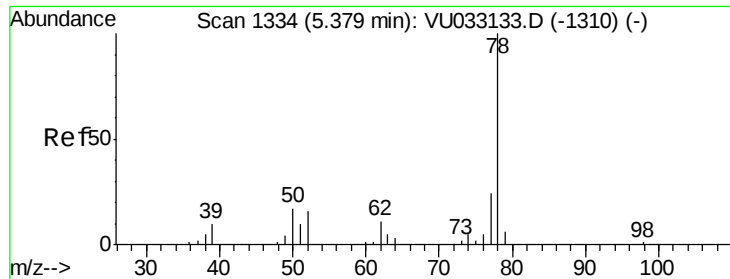
Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

Tgt Ion: 43 Resp: 3953

Ion	Ratio	Lower	Upper
43	100		
58	25.3	0.0	55.4





#33

Benzene

Concen: 4.531 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

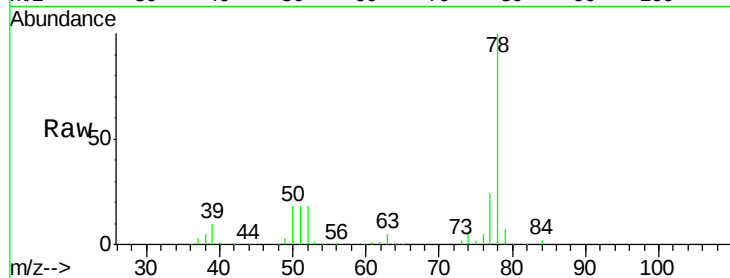
Instrument :

MSVOA_U

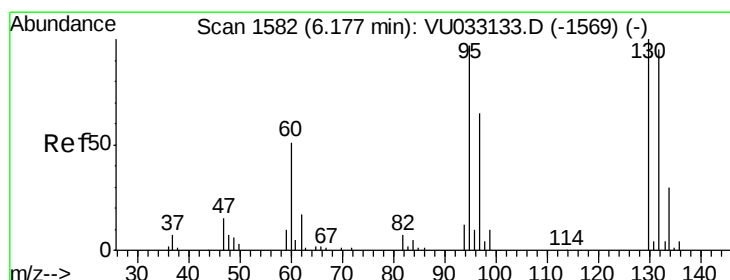
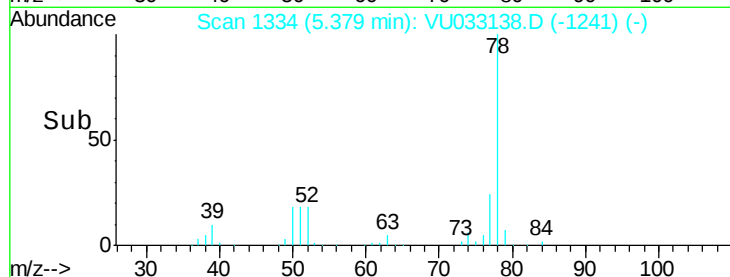
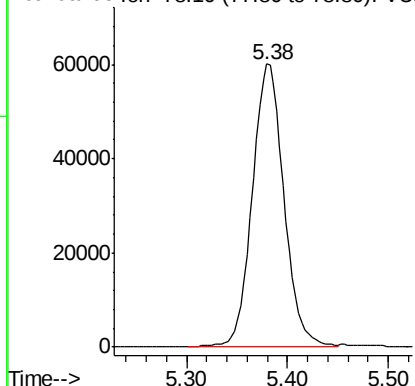
ClientSampleId :

GAML2MS

Tgt Ion: 78 Resp: 130745



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.373 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

Tgt Ion: 95 Resp: 34424

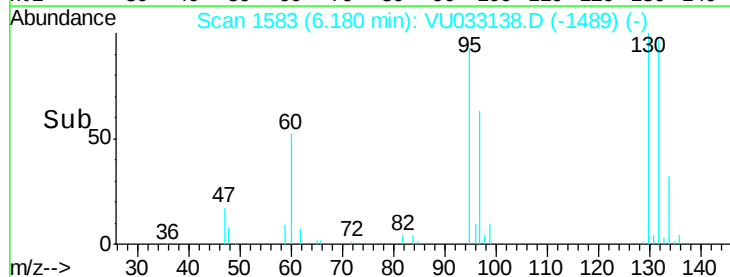
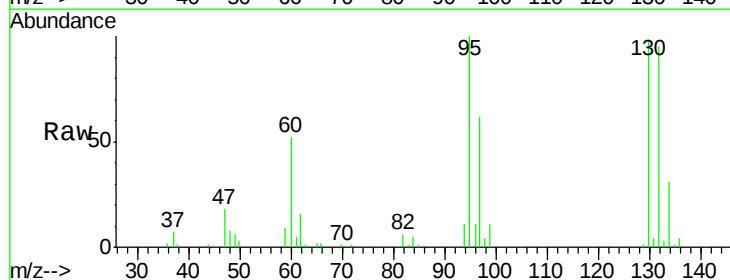
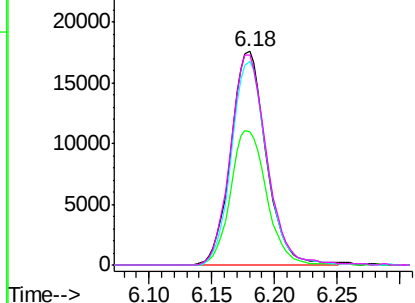
Ion	Ratio	Lower	Upper
95	100		
97	62.2	42.8	79.4
132	95.1	64.6	120.0
130	98.1	70.0	130.0

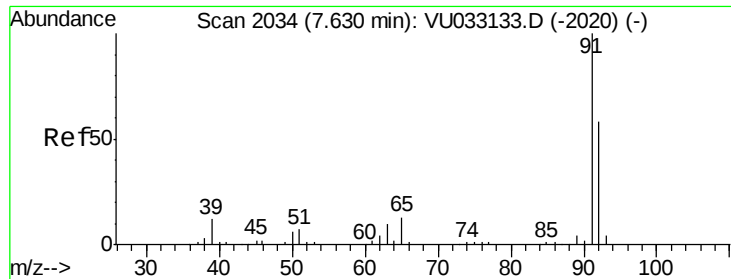
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.457 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

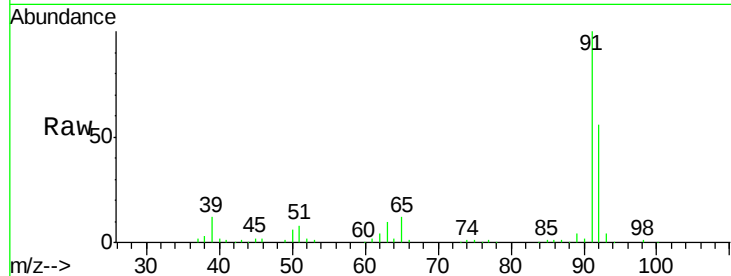
GAML2MS

Tot Ion: 91 Resp: 138484

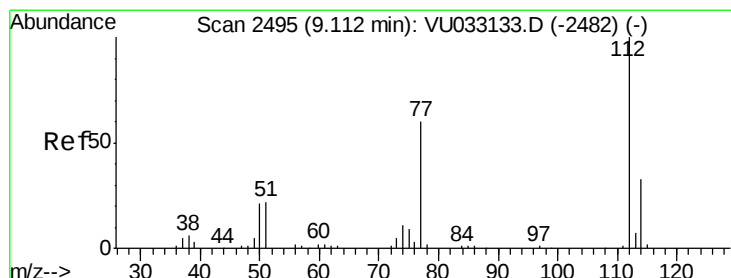
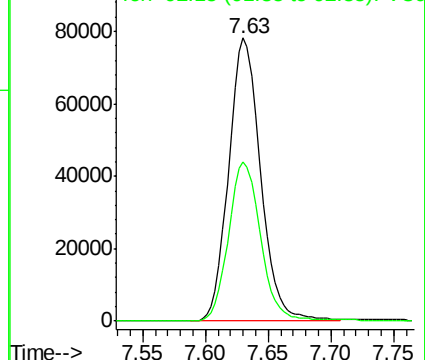
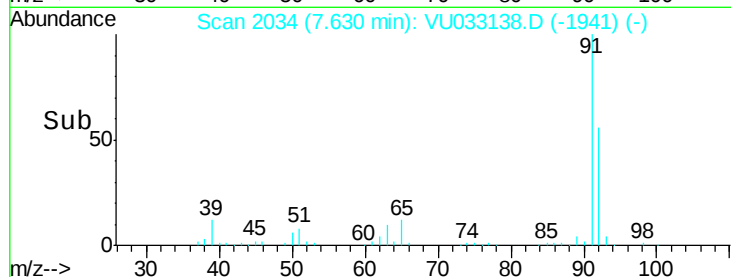
Ion Ratio Lower Upper

91 100

92 56.2 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU033138.D (-1941) (-)



#51

Chlorobenzene

Concen: 4.586 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU033138.D

Acq: 02 Jul 2019 14:09

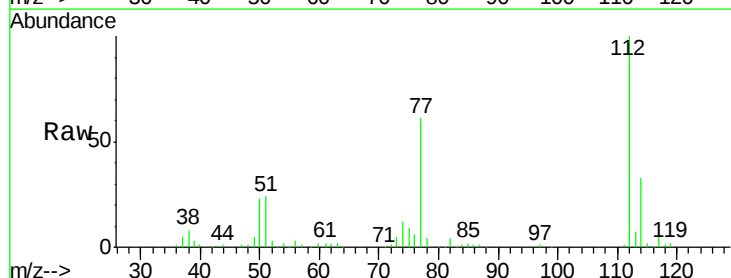
Tgt Ion: 112 Resp: 93914

Ion Ratio Lower Upper

112 100

114 32.9 23.0 42.6

77 61.4 48.3 72.5



Abundance Ion 112.10 (111.80 to 112.80): VU033138.D (-2402) (-)

