

Data File : VU033648.D
Acq On : 08 Aug 2019 19:19
Operator : JC/SP
Sample : K4161-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MS

Quant Time: Aug 09 08:28:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	289180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	133355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146769	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.67	69	130340	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.34%
11) 1,1-Dichloroethene-d2	2.26	63	246803	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
21) 2-Butanone-d5	4.15	46	246548	103.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	4.62	84	256162	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.28	65	174016	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.32	84	528654	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.31	67	173405	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.55	98	477063	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	7.83	79	81339	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.76%
47) 2-Hexanone-d5	8.29	63	177668	103.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	257932	48.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	185277	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

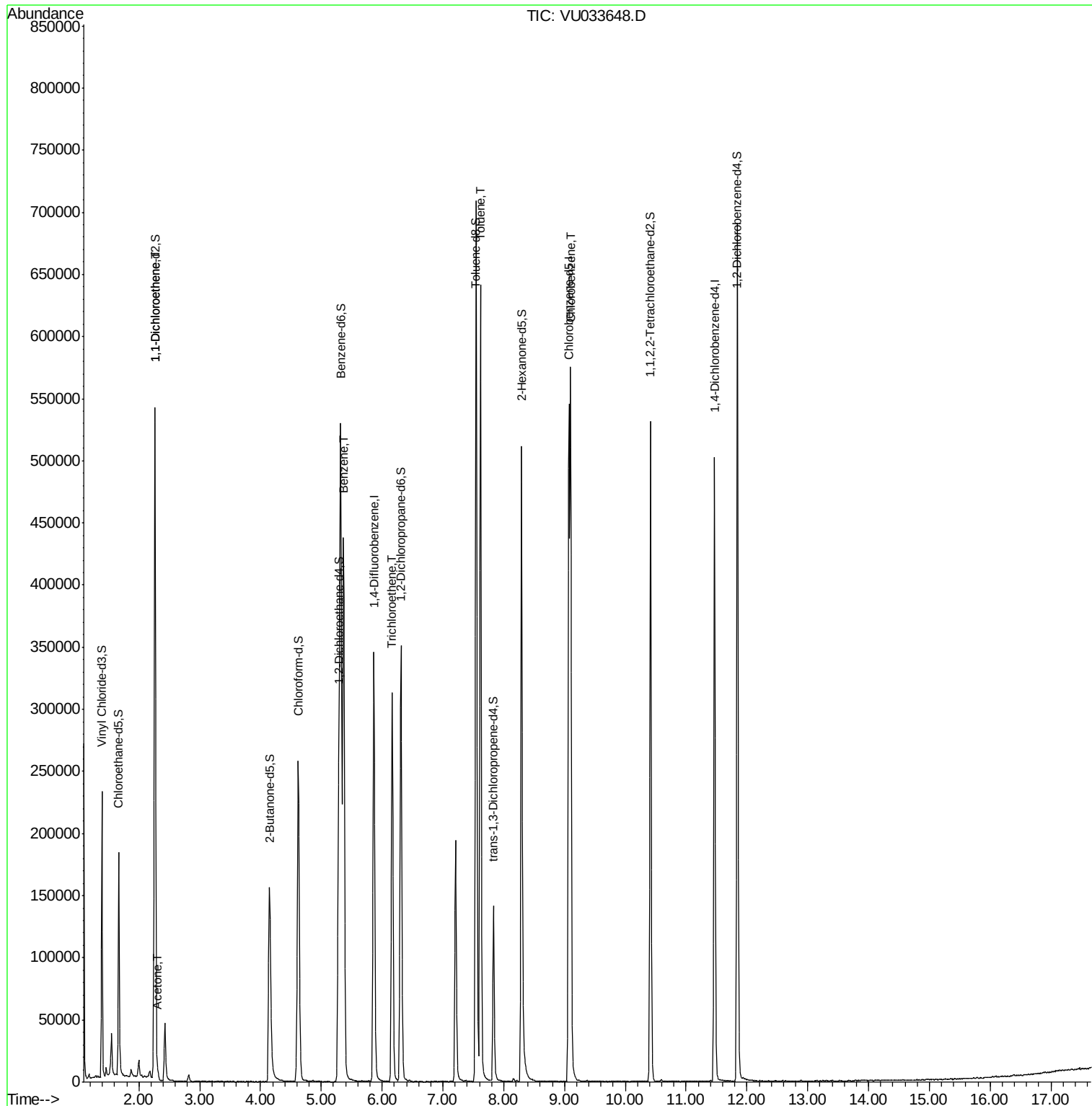
					Qvalue
12) 1,1-Dichloroethene	2.27	96	94544	46.218	ug/L 95
13) Acetone	2.31	43	5102	3.137	ug/L 99
33) Benzene	5.37	78	435025	47.572	ug/L 100
34) Trichloroethene	6.16	95	108080	46.077	ug/L 98
42) Toluene	7.62	91	471143	48.042	ug/L 99
51) Chlorobenzene	9.10	112	303971	47.393	ug/L 98

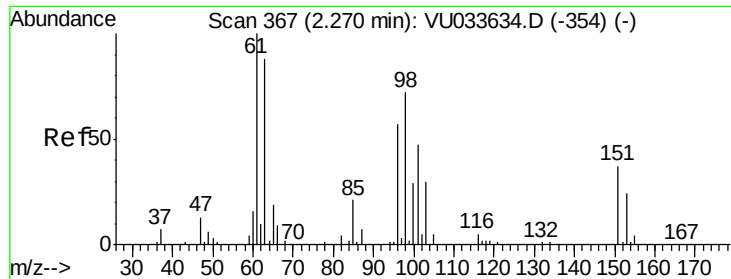
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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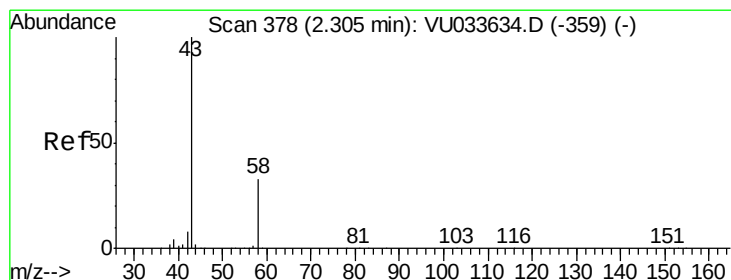
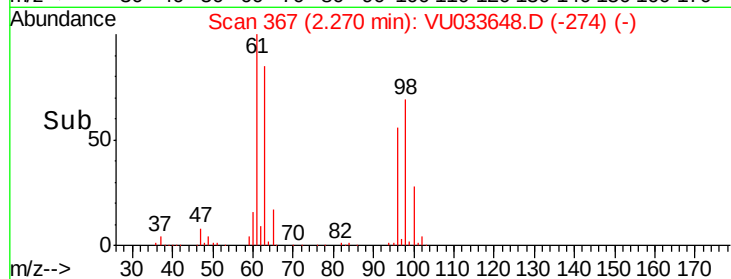
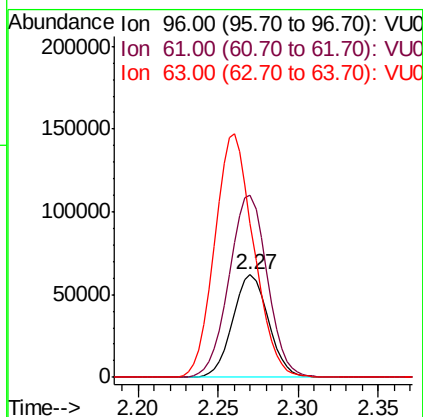
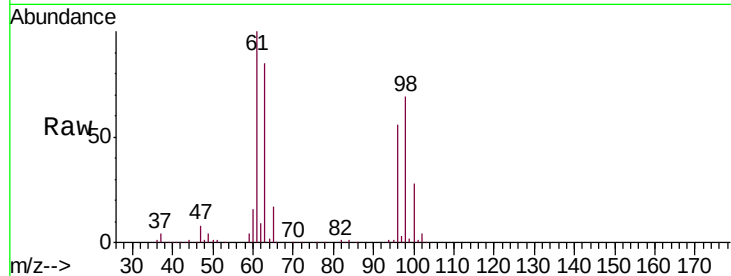




#12
 1,1-Dichloroethene
 Concen: 46.218 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU033648.D
 Acq: 08 Aug 2019 19:19

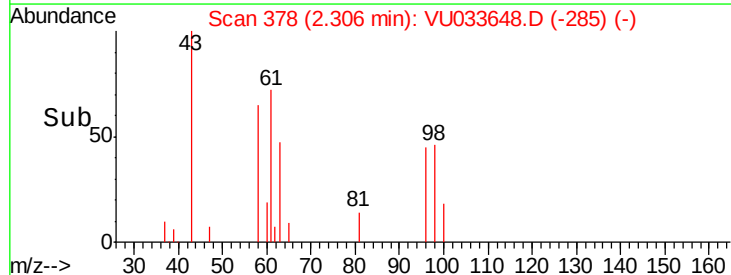
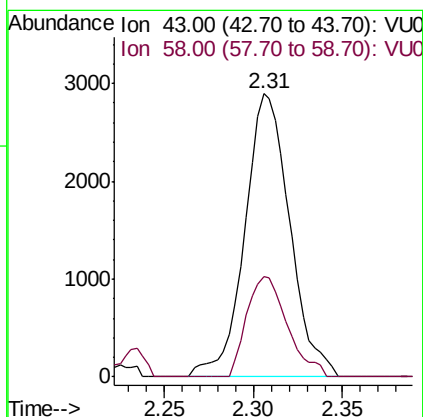
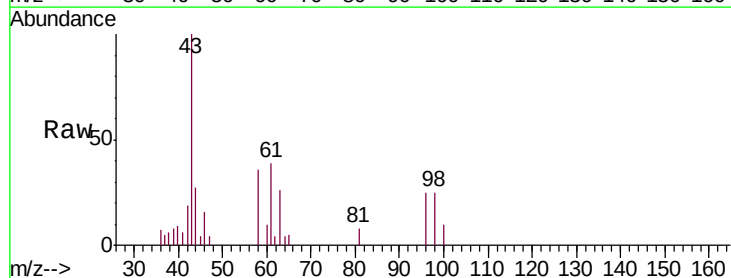
Instrument :
 MSVOA_U
 ClientSampleId :
 ETOD7MS

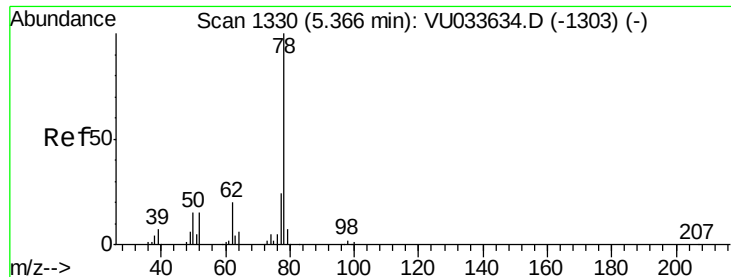
Tgt Ion: 96 Resp: 94544
 Ion Ratio Lower Upper
 96 100
 61 178.5 124.0 230.2
 63 151.1 114.9 213.5



#13
 Acetone
 Concen: 3.137 ug/L
 RT: 2.31 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VU033648.D
 Acq: 08 Aug 2019 19:19

Tgt Ion: 43 Resp: 5102
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 65.0





#33

Benzene

Concen: 47.572 ug/L

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033648.D

Acq: 08 Aug 2019 19:19

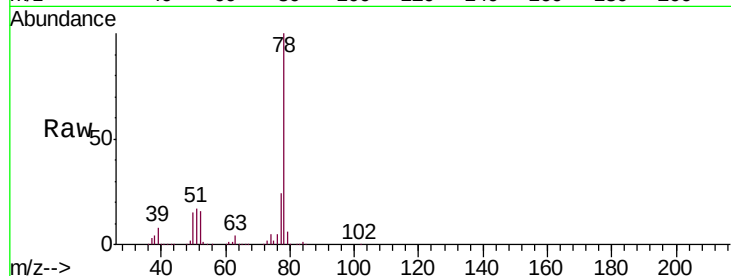
Instrument :

MSVOA_U

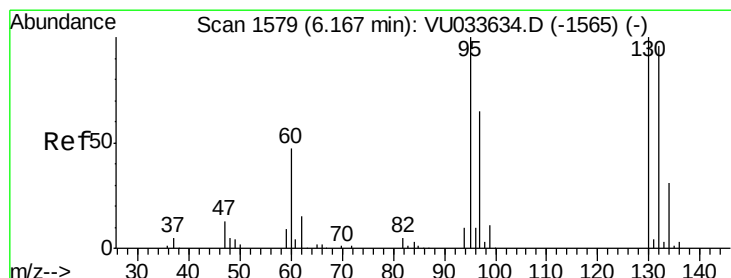
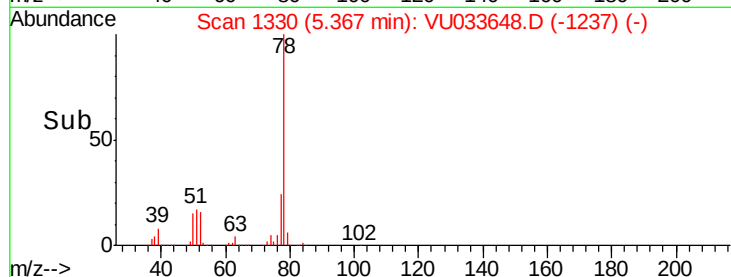
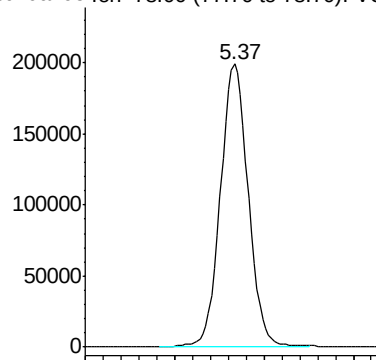
ClientSampleId :

ETOD7MS

Tgt Ion: 78 Resp: 435025



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 46.077 ug/L

RT: 6.16 min Scan# 1578

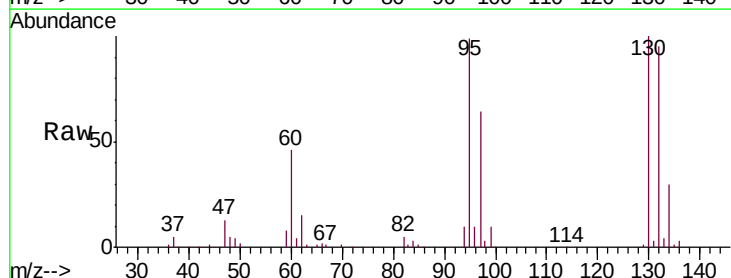
Delta R.T. -0.00 min

Lab File: VU033648.D

Acq: 08 Aug 2019 19:19

Tgt Ion: 95 Resp: 108080

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.5
132	96.5	69.1	128.3
130	101.4	71.7	133.3

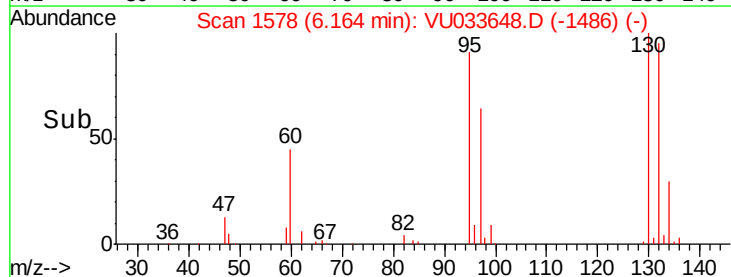
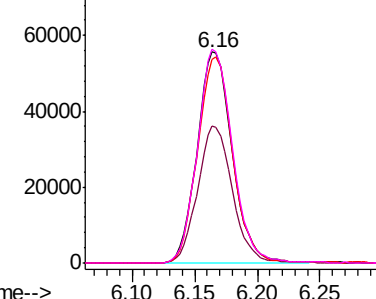


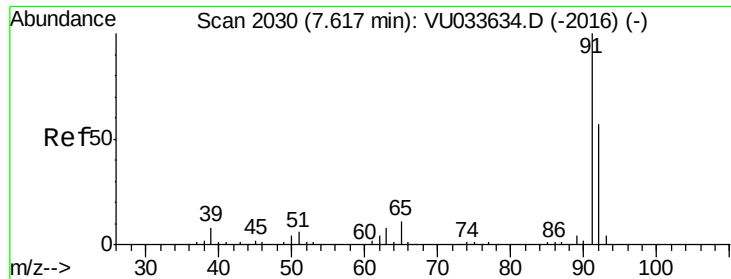
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 48.042 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033648.D

Acq: 08 Aug 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

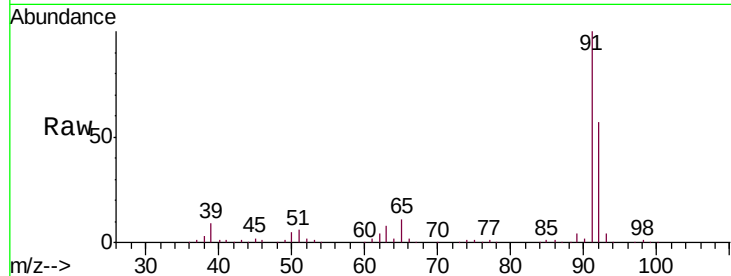
ETOD7MS

Tgt Ion: 91 Resp: 471143

Ion Ratio Lower Upper

91 100

92 57.5 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VU033648.D (-2016) (-)

Ion 92.00 (91.70 to 92.70): VU033648.D (-2016) (-)

7.62

300000

250000

200000

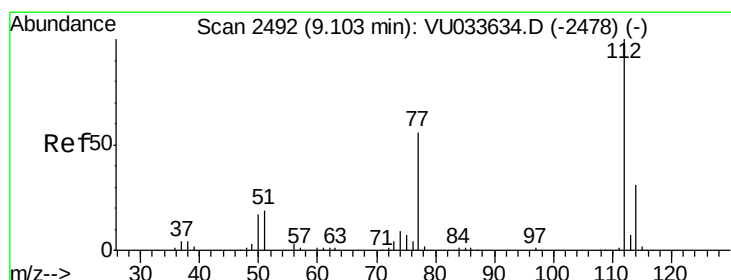
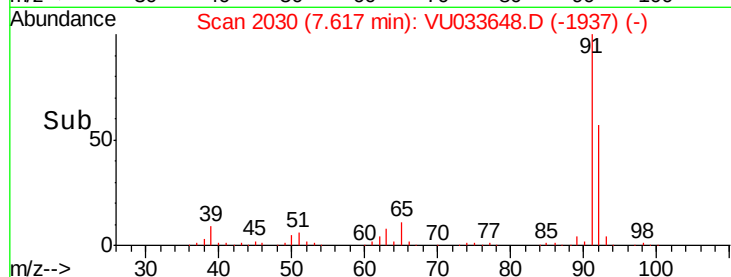
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 47.393 ug/L

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU033648.D

Acq: 08 Aug 2019 19:19

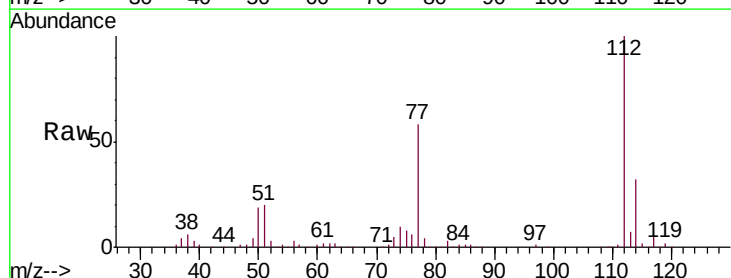
Tgt Ion: 112 Resp: 303971

Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.1

77 57.6 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU033648.D (-2399) (-)

Ion 114.00 (113.70 to 114.70): VU033648.D (-2399) (-)

Ion 77.00 (76.70 to 77.70): VU033648.D (-2399) (-)

9.10

200000

150000

100000

50000

0

Time-->

