

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026103.D
 Acq On : 14 Aug 2018 15:53
 Operator : MD/SY
 Sample : J4451-16MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MSD

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 11:41:35 AM

Quant Time: Aug 15 19:04:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	263274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75399	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.67	69	68318	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.56%
11) 1,1-Dichloroethene-d2	2.27	63	161052	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.08%
21) 2-Butanone-d5	4.18	46	151455	94.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.43%
24) Chloroform-d	4.65	84	188630	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.31	65	132446	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.35	84	357170	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.33	67	121102	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.57	98	324882	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.85	79	58032	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.31	63	105345	94.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171532	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	131100	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	78091	51.38	ug/L	88
13) Acetone	2.32	43	5237m	5.26	ug/L	
33) Benzene	5.39	78	389708	55.90	ug/L	100
34) Trichloroethene	6.19	95	97048	53.28	ug/L	98
42) Toluene	7.64	91	417641	56.44	ug/L	97
51) Chlorobenzene	9.12	112	271512	54.42	ug/L	99

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

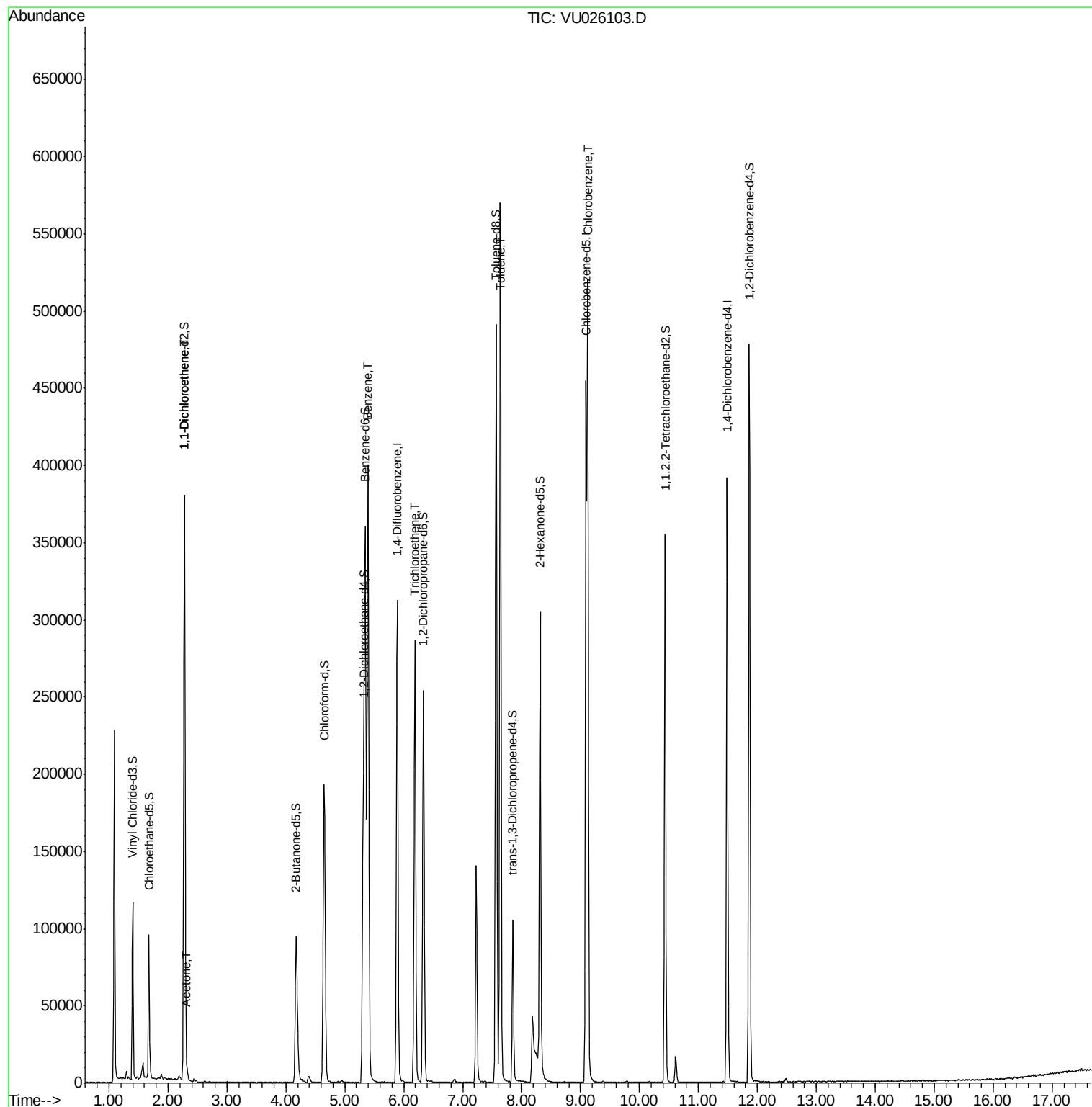
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081418\
Data File : VU026103.D
Acq On : 14 Aug 2018 15:53
Operator : MD/SY
Sample : J4451-16MSD
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

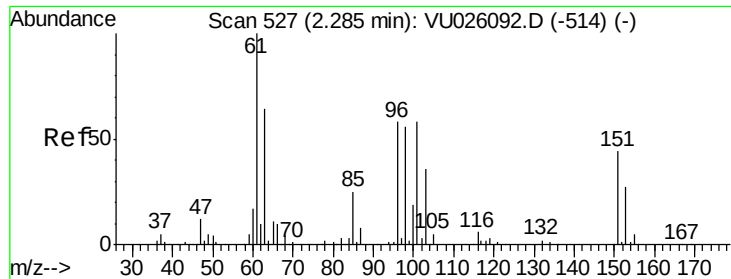
Instrument :
MSVOA_U
ClientSampleId :
A4ZK4MSD

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Response via : Initial Calibration





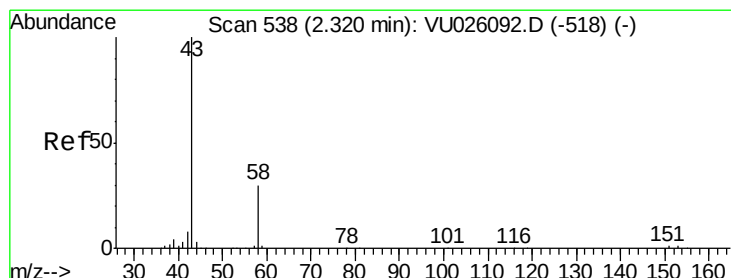
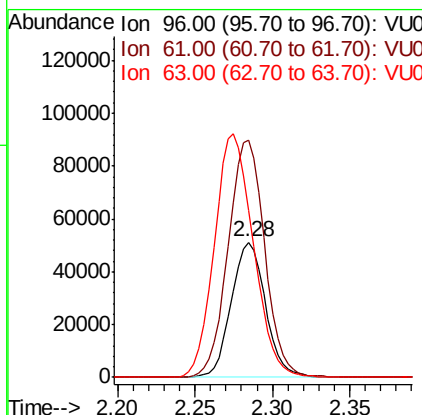
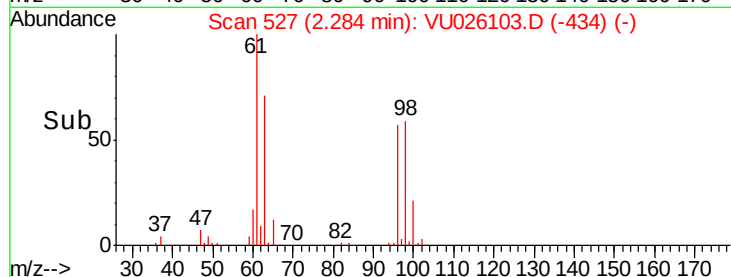
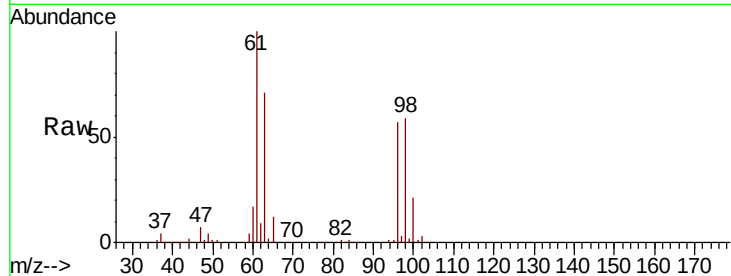
#12
 1,1-Dichloroethene
 Concen: 51.38 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU026103.D
 Acq: 14 Aug 2018 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.0	121.2	225.2
63	123.7	108.7	201.9

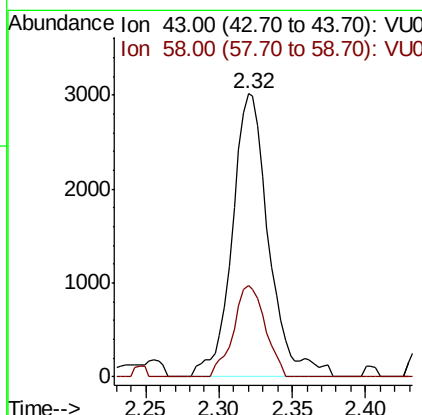
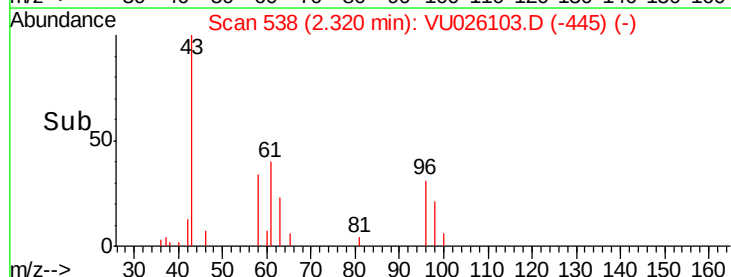
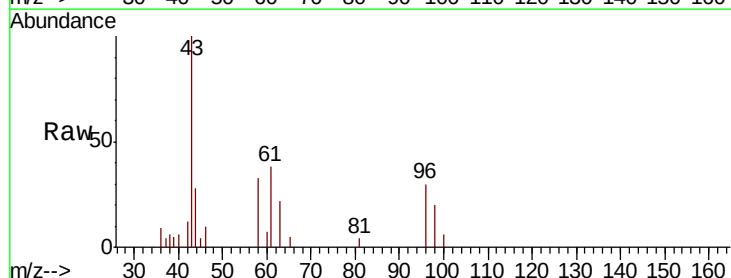
Manual Integrations
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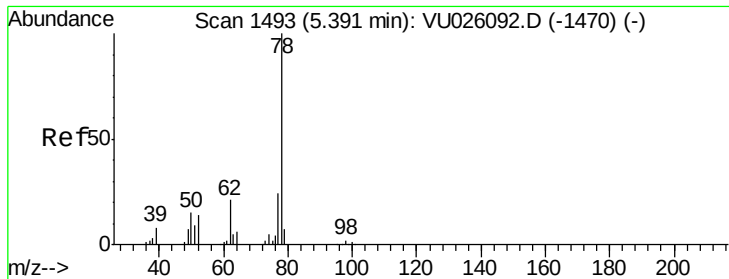
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#13
 Acetone
 Concen: 5.26 ug/L m
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026103.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	61.8





#33

Benzene

Concen: 55.90 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

Instrument :

MSVOA_U

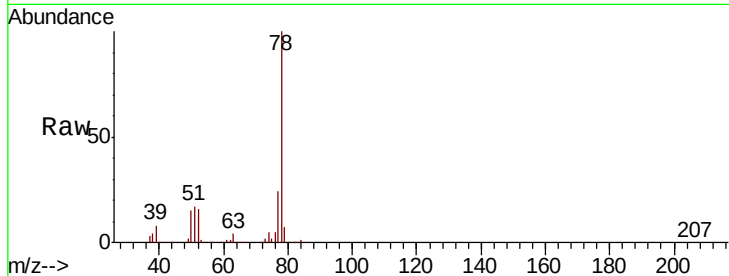
ClientSampleId :

A4ZK4MSD

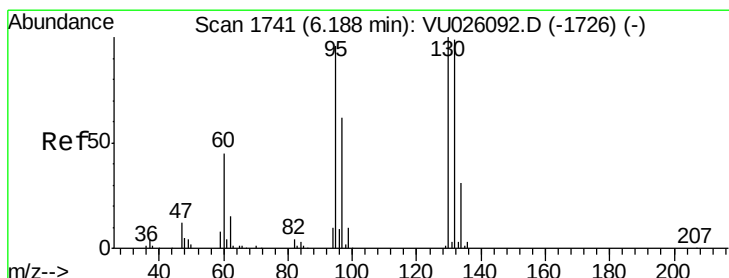
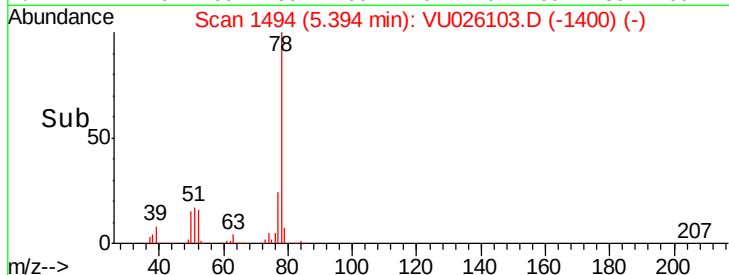
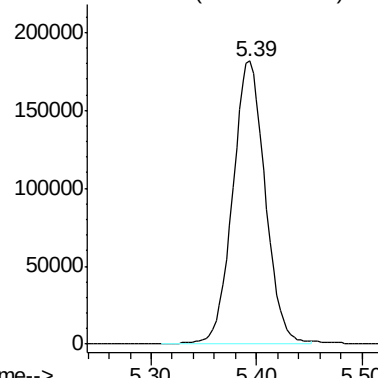
Tgt Ion: 78 Resp: 389708

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 53.28 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

Tgt Ion: 95 Resp: 97048

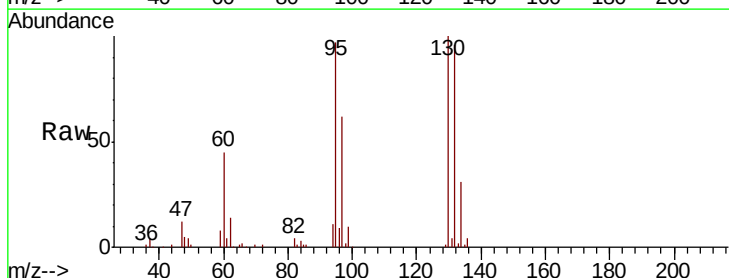
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.2	84.0
132	98.8	68.2	126.6
130	103.0	73.8	137.2

Abundance Ion 95.00 (94.70 to 95.70): VU0

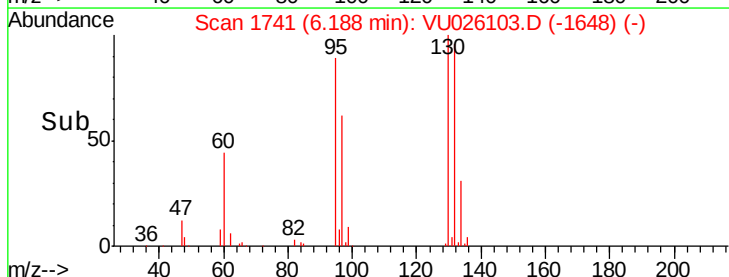
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

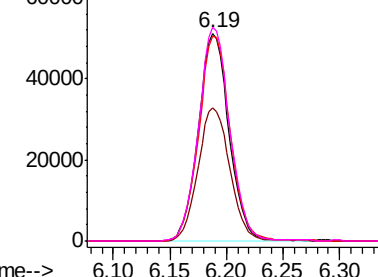
Ion 130.00 (129.70 to 130.70): V

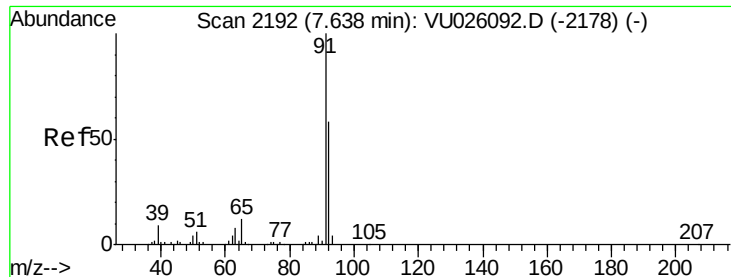


Abundance Ion 95.00 (94.70 to 95.70): VU0



Time-->





#42

Toluene

Concen: 56.44 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

A4ZK4MSD

Tot Ion: 91 Resp: 417641

Ion Ratio Lower Upper

91 100

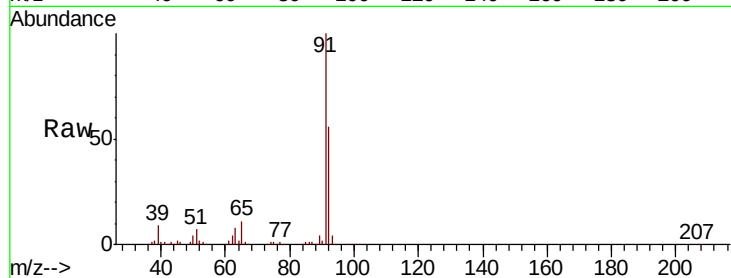
92 56.1 41.0 76.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU026103.D (-2099) (-)

Ion 92.00 (91.70 to 92.70): VU026103.D (-2099) (-)

7.64

250000

200000

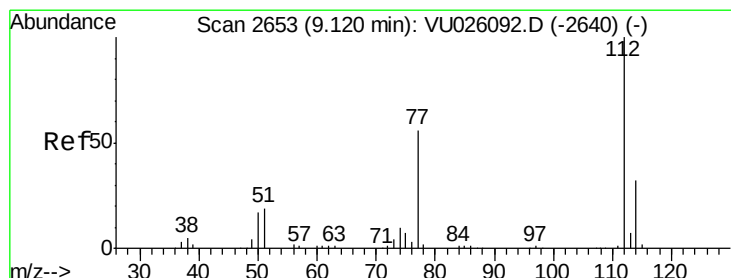
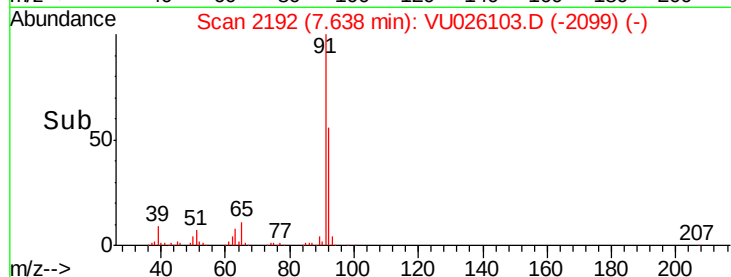
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 54.42 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

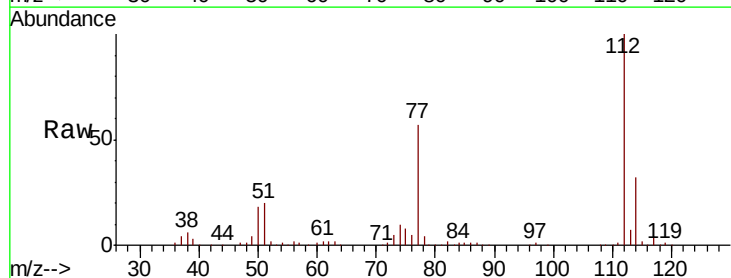
Tgt Ion: 112 Resp: 271512

Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 57.5 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): VU026103.D (-2560) (-)

Ion 114.00 (113.70 to 114.70): VU026103.D (-2560) (-)

Ion 77.00 (76.70 to 77.70): VU026103.D (-2560) (-)

9.12

200000

150000

100000

50000

0

Time-->

