

Data File : VU029668.D
Acq On : 25 Feb 2019 19:09
Operator : JC/SP
Sample : K1602-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 26 00:17:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153722	42.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.16%
7) Chloroethane-d5	1.68	69	132521	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.62%
11) 1,1-Dichloroethene-d2	2.27	63	221131	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	4.17	46	215734	97.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.05%
24) Chloroform-d	4.65	84	266949	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.31	65	169896	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.34	84	590832	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.33	67	178406	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.56	98	561455	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.85	79	82516	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.36%
47) 2-Hexanone-d5	8.31	63	164809	82.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269726	44.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	231189	45.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

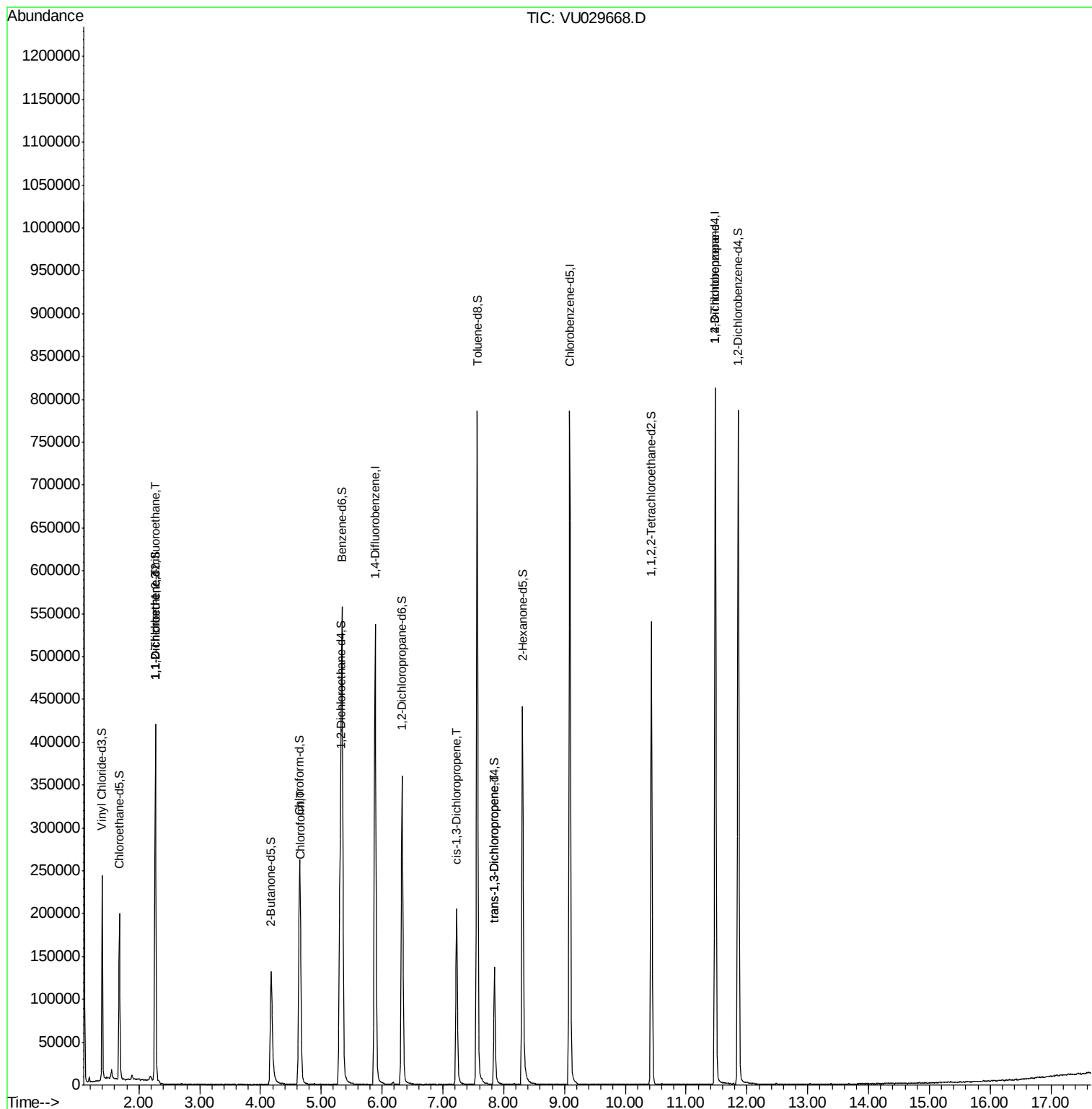
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2347	0.676	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1869	0.566	ug/L #	1
25) Chloroform	4.67	83	7184	1.222	ug/L #	74
39) cis-1,3-Dichloropropene	7.23	75	4821	0.933	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	2909	0.597	ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	24182	5.295	ug/L	96

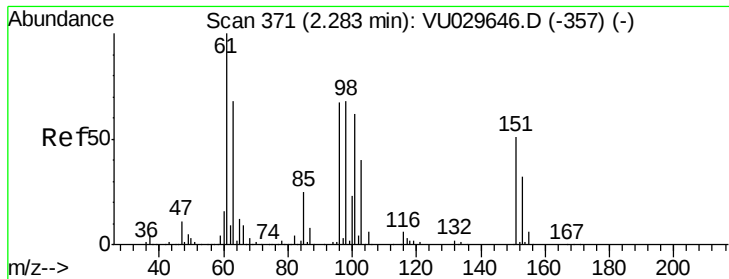
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.676 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

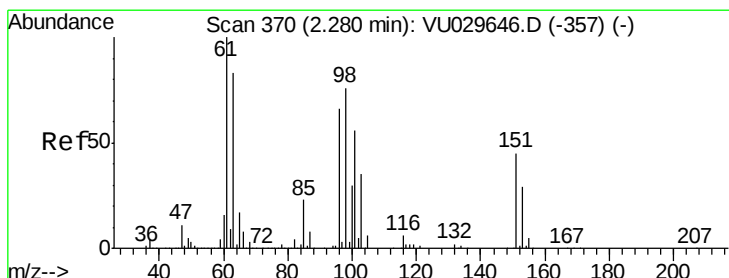
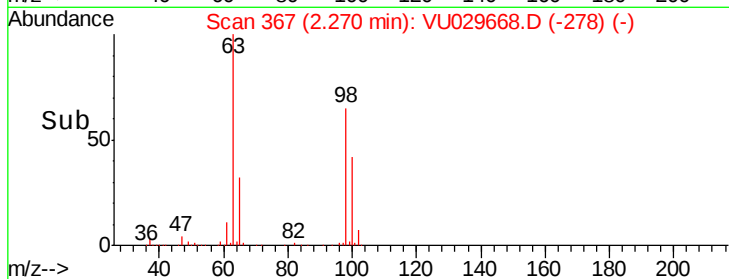
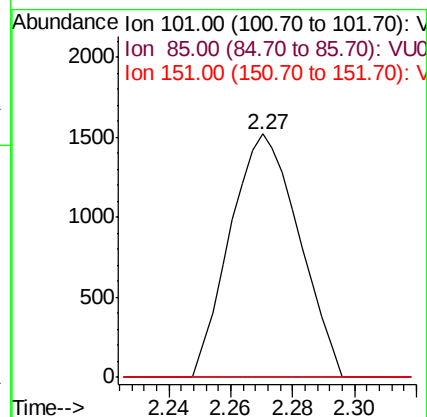
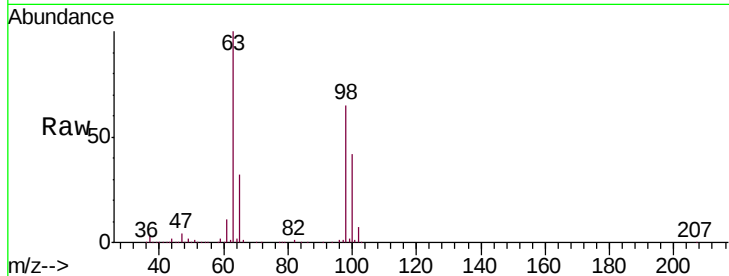
Tgt Ion:101 Resp: 2347

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.566 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029668.D

Acq: 25 Feb 2019 19:09

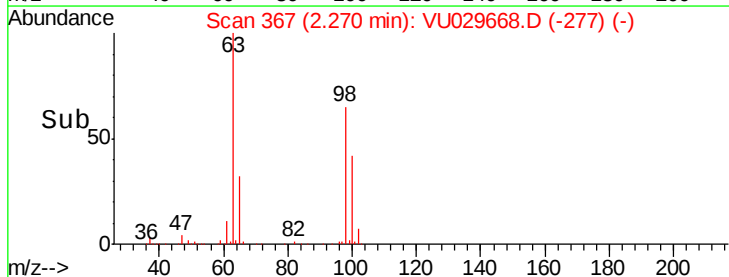
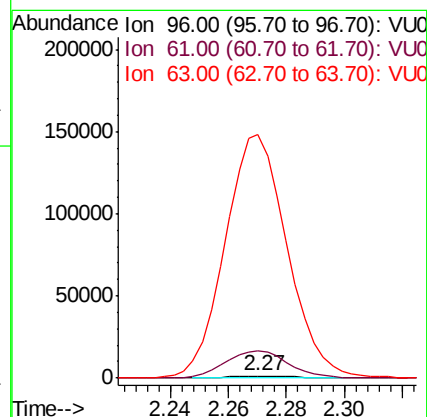
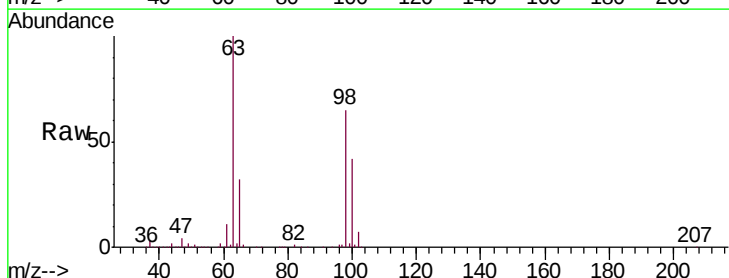
Tgt Ion: 96 Resp: 1869

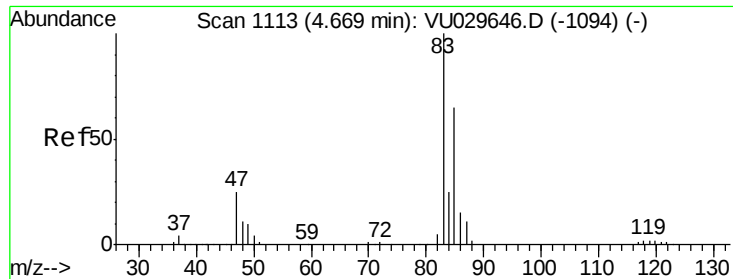
Ion Ratio Lower Upper

96 100

61 1294.9 114.0 211.8#

63 11344.6 98.7 183.3#

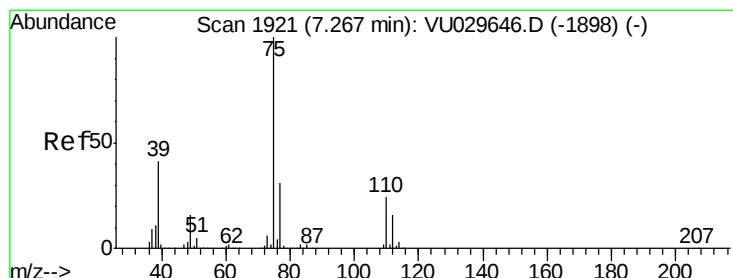
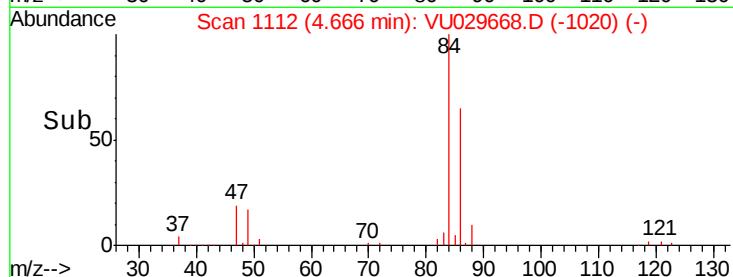
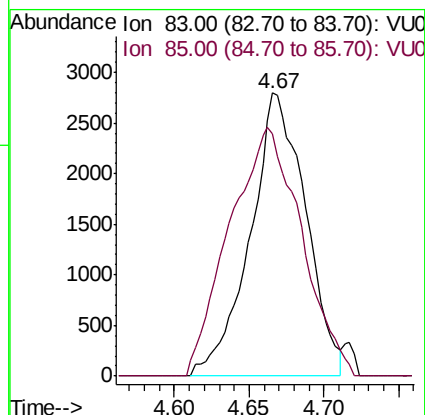
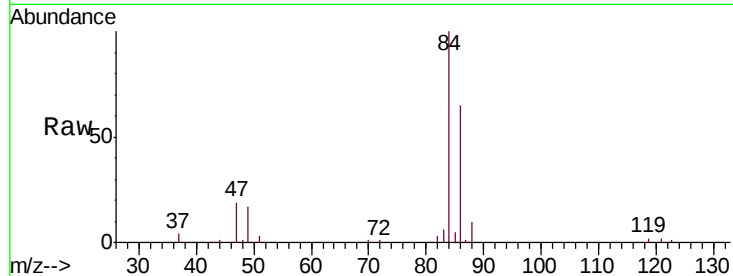




#25
Chloroform
Concen: 1.222 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029668.D
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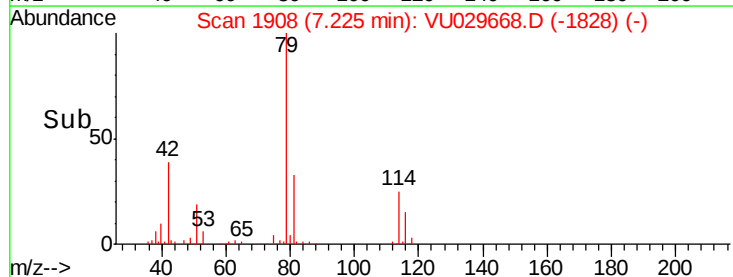
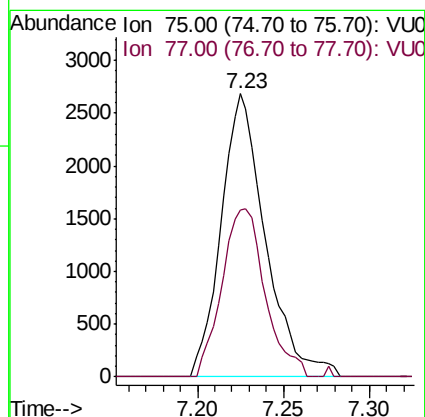
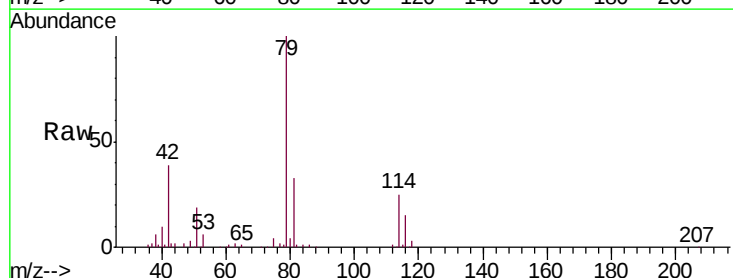
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ClientSampleId :
VHBLK01

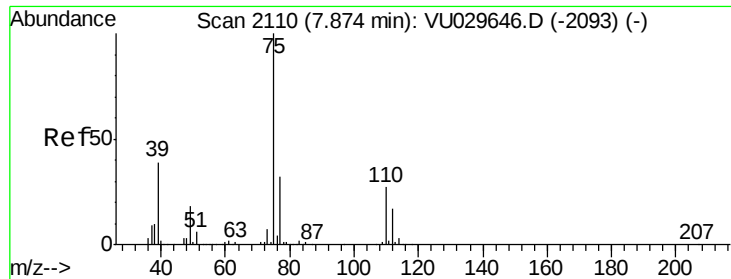
Tgt Ion: 83 Resp: 7184
Ion Ratio Lower Upper
83 100
85 85.6 45.4 84.2#



#39
cis-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029668.D
Acq: 25 Feb 2019 19:09

Tgt Ion: 75 Resp: 4821
Ion Ratio Lower Upper
75 100
77 58.8 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029668.D

Acq: 25 Feb 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

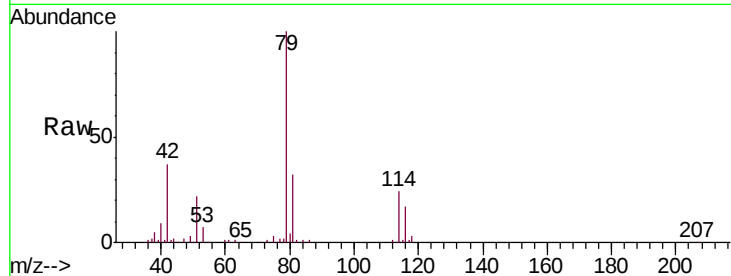
VHBLK01

Tgt Ion: 75 Resp: 2909

Ion Ratio Lower Upper

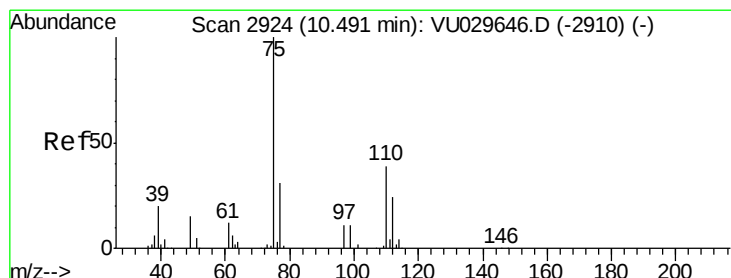
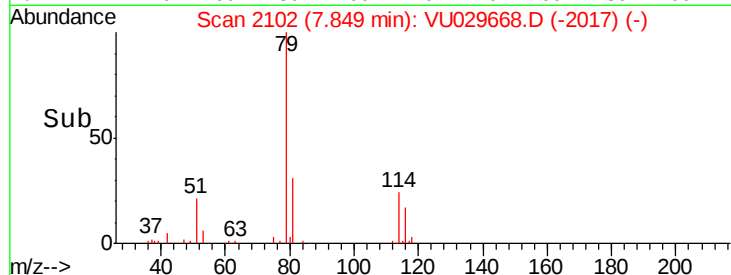
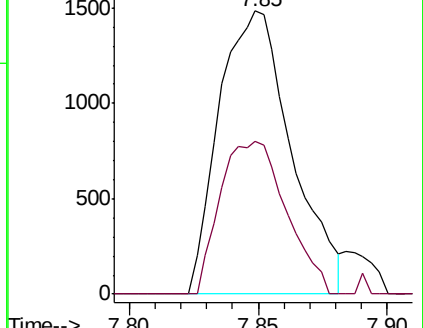
75 100

77 54.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.295 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029668.D

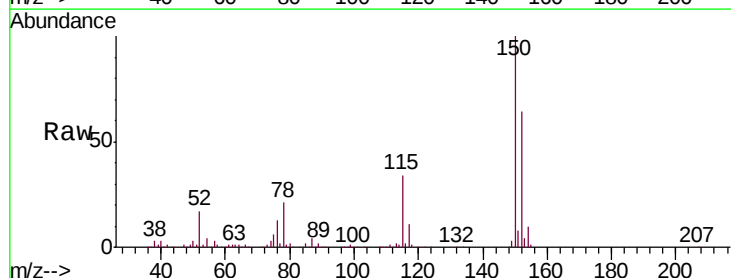
Acq: 25 Feb 2019 19:09

Tgt Ion: 75 Resp: 24182

Ion Ratio Lower Upper

75 100

77 34.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

