

Data File : VU030068.D
Acq On : 14 Mar 2019 12:53
Operator : JC/SP
Sample : K1859-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR1

Quant Time: Mar 15 01:25:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148787	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.52%
7) Chloroethane-d5	1.68	69	120277	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.66%
11) 1,1-Dichloroethene-d2	2.27	63	205067	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.24%
21) 2-Butanone-d5	4.17	46	204776	90.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.49%
24) Chloroform-d	4.65	84	254885	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.31	65	152938	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.34	84	556558	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.33	67	173864	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.56	98	505070	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.85	79	77401	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.74%
47) 2-Hexanone-d5	8.31	63	180274	91.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244230	45.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	202999	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

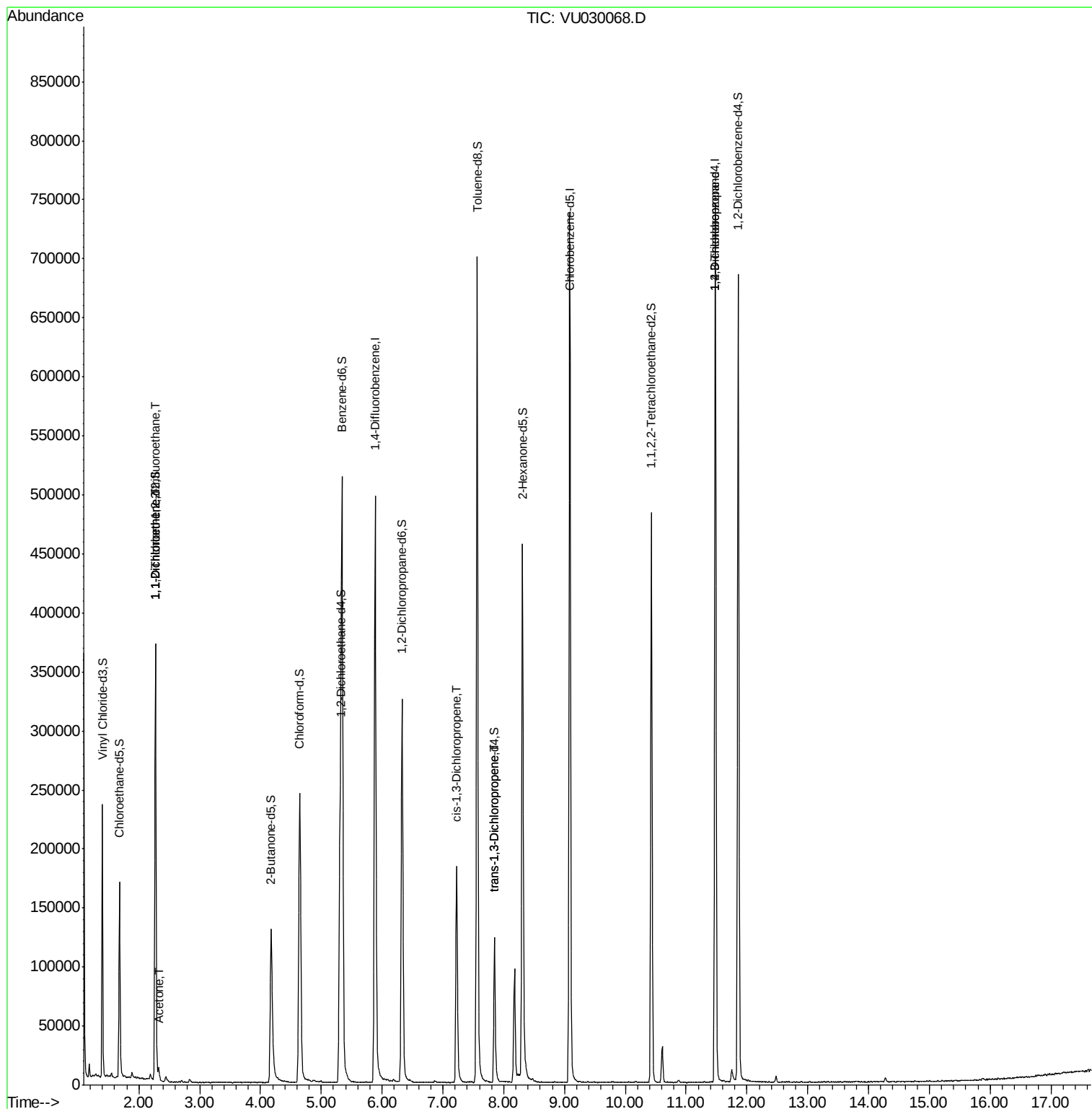
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2187	0.729	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1916	0.669	ug/L #	1
13) Acetone	2.32	43	9285	3.509	ug/L	89
39) cis-1,3-Dichloropropene	7.23	75	4498	0.859	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	3160	0.661	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	22062	5.034	ug/L	92

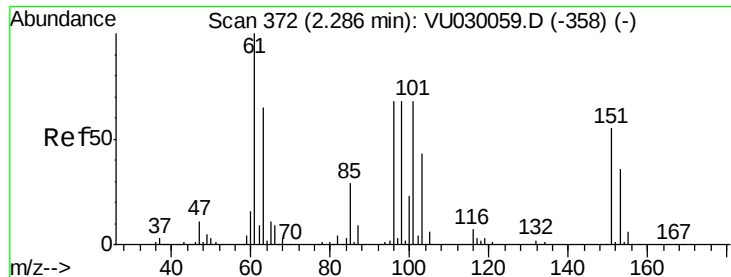
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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C0BR1

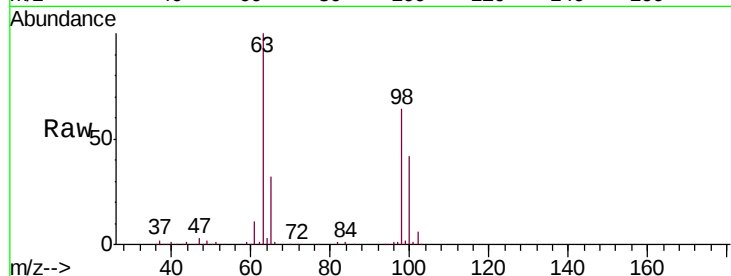
Tgt Ion: 101 Resp: 2187

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

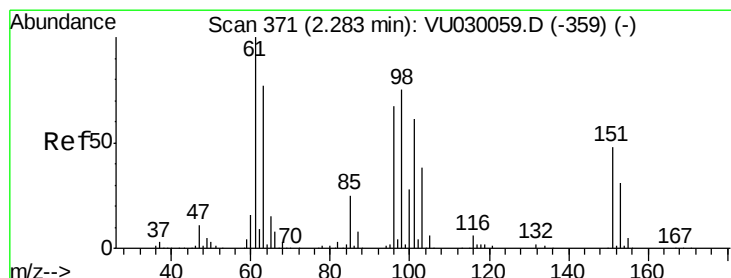
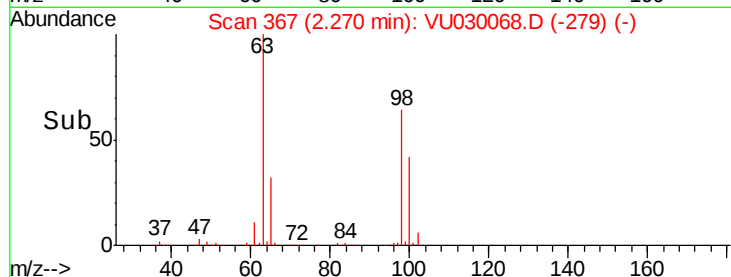
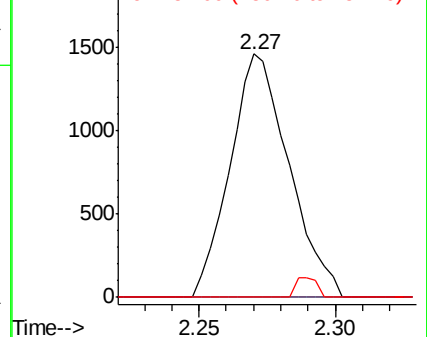
151 3.0 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.669 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030068.D

Acq: 14 Mar 2019 12:53

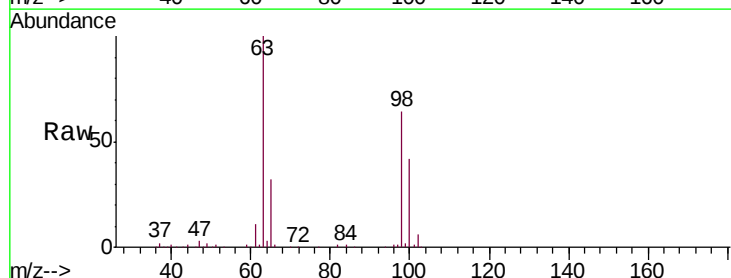
Tgt Ion: 96 Resp: 1916

Ion Ratio Lower Upper

96 100

61 1308.1 110.4 205.0#

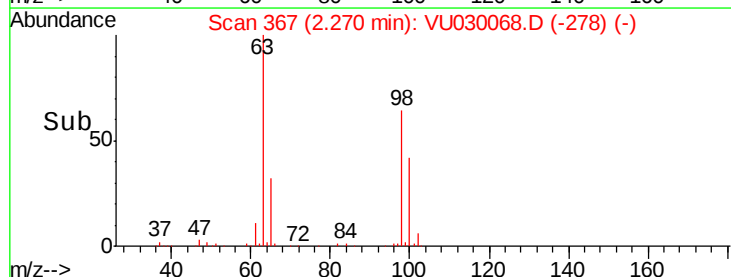
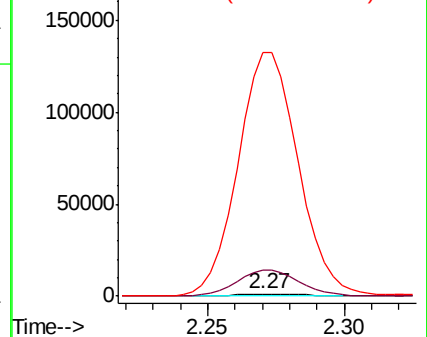
63 12159.4 86.5 160.7#

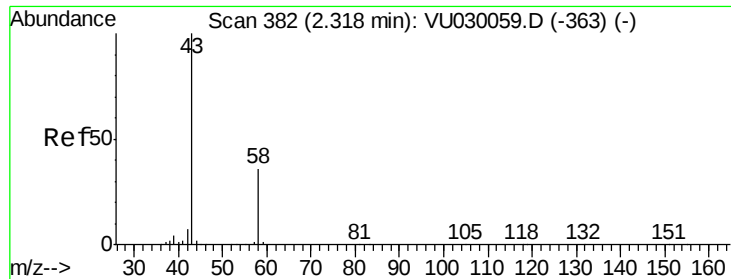


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.509 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

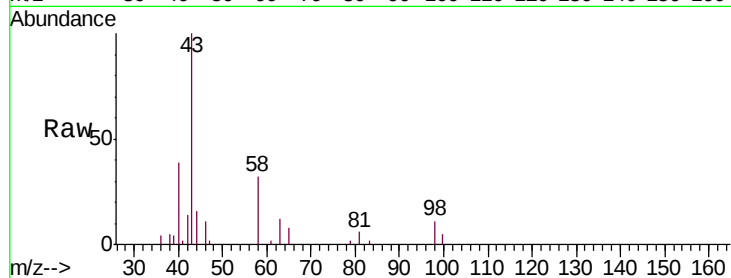
C0BR1

Tgt Ion: 43 Resp: 9285

Ion Ratio Lower Upper

43 100

58 29.9 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030059.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030059.D (-363) (-)

2.32

6000

5000

4000

3000

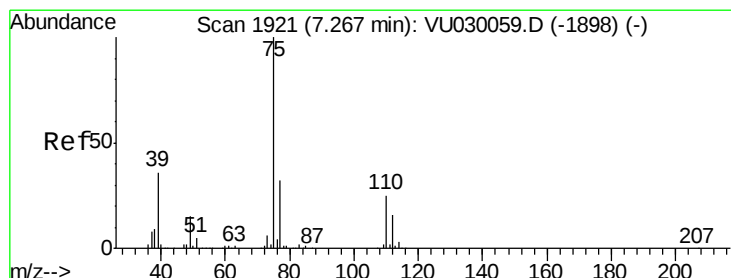
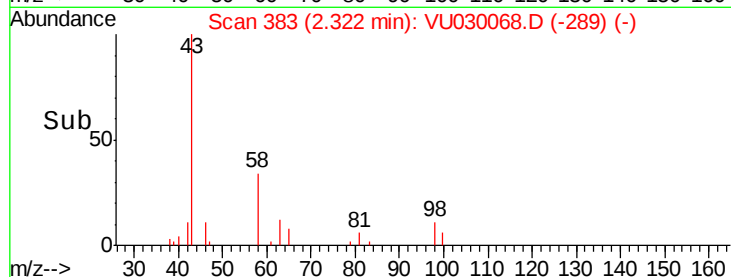
2000

1000

0

Time-->

2.25 2.30 2.35



#39

cis-1,3-Dichloropropene

Concen: 0.859 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030068.D

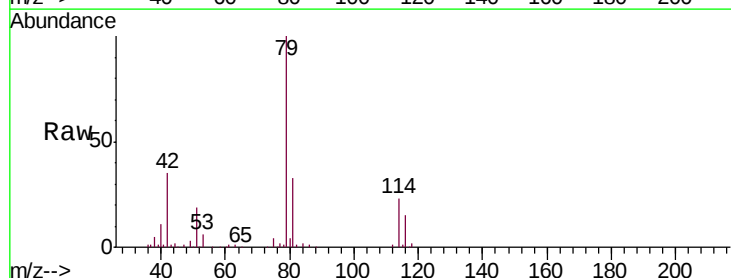
Acq: 14 Mar 2019 12:53

Tgt Ion: 75 Resp: 4498

Ion Ratio Lower Upper

75 100

77 50.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030059.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030059.D (-1898) (-)

7.23

2500

2000

1500

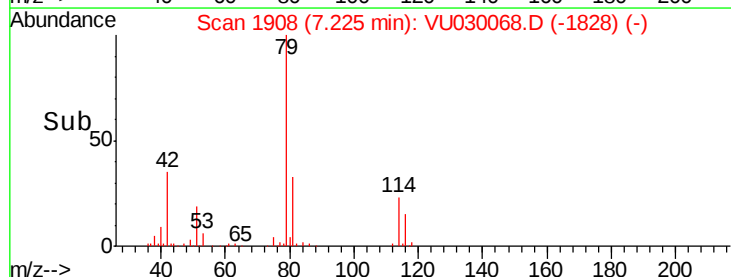
1000

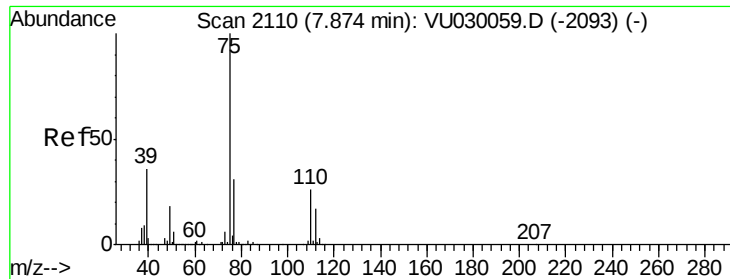
500

0

Time-->

7.15 7.20 7.25 7.30





#44

trans-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030068.D

Acq: 14 Mar 2019 12:53

Instrument :

MSVOA_U

ClientSampleId :

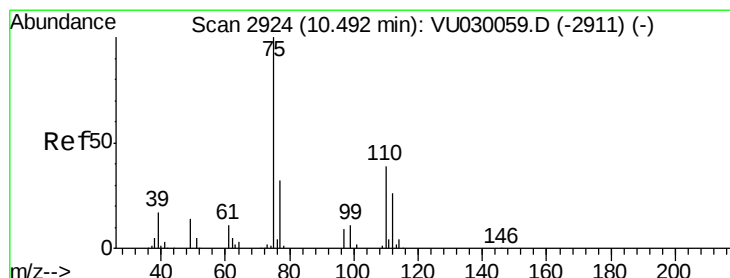
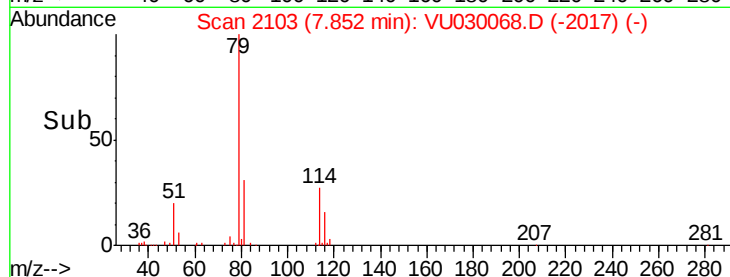
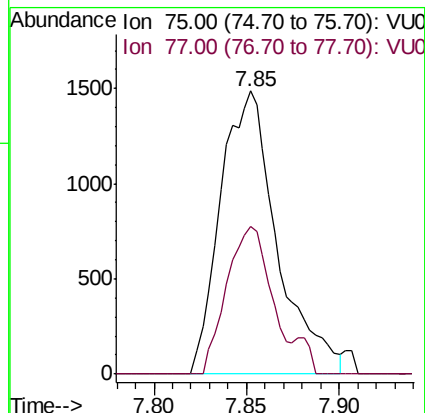
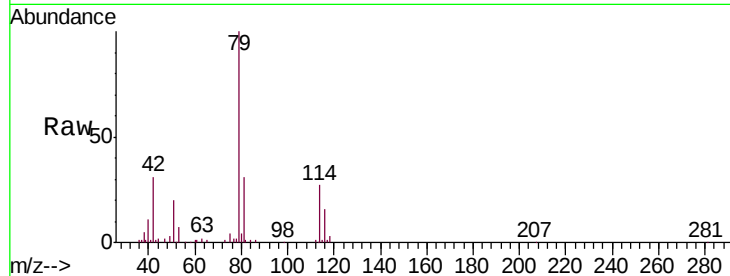
C0BR1

Tgt Ion: 75 Resp: 3160

Ion Ratio Lower Upper

75 100

77 52.0 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 5.034 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030068.D

Acq: 14 Mar 2019 12:53

Tgt Ion: 75 Resp: 22062

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.8

