

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0101518\
 Data File : VU027658.D
 Acq On : 15 Oct 2018 11:36
 Operator : MD/SY
 Sample : J5403-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0902

Quant Time: Oct 16 07:47:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 16 07:44:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	192763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62529	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.44%
7) Chloroethane-d5	1.68	69	53545	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.64%
11) 1,1-Dichloroethene-d2	2.27	63	95600	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	4.18	46	136189	111.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.21%
24) Chloroform-d	4.65	84	121971	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
26) 1,2-Dichloroethane-d4	5.31	65	85299	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.34	84	244772	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.33	67	88851	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.57	98	197842	43.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.28%
43) trans-1,3-Dichloropropene-	7.85	79	37787	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
47) 2-Hexanone-d5	8.31	63	89410	100.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115184	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	70704	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

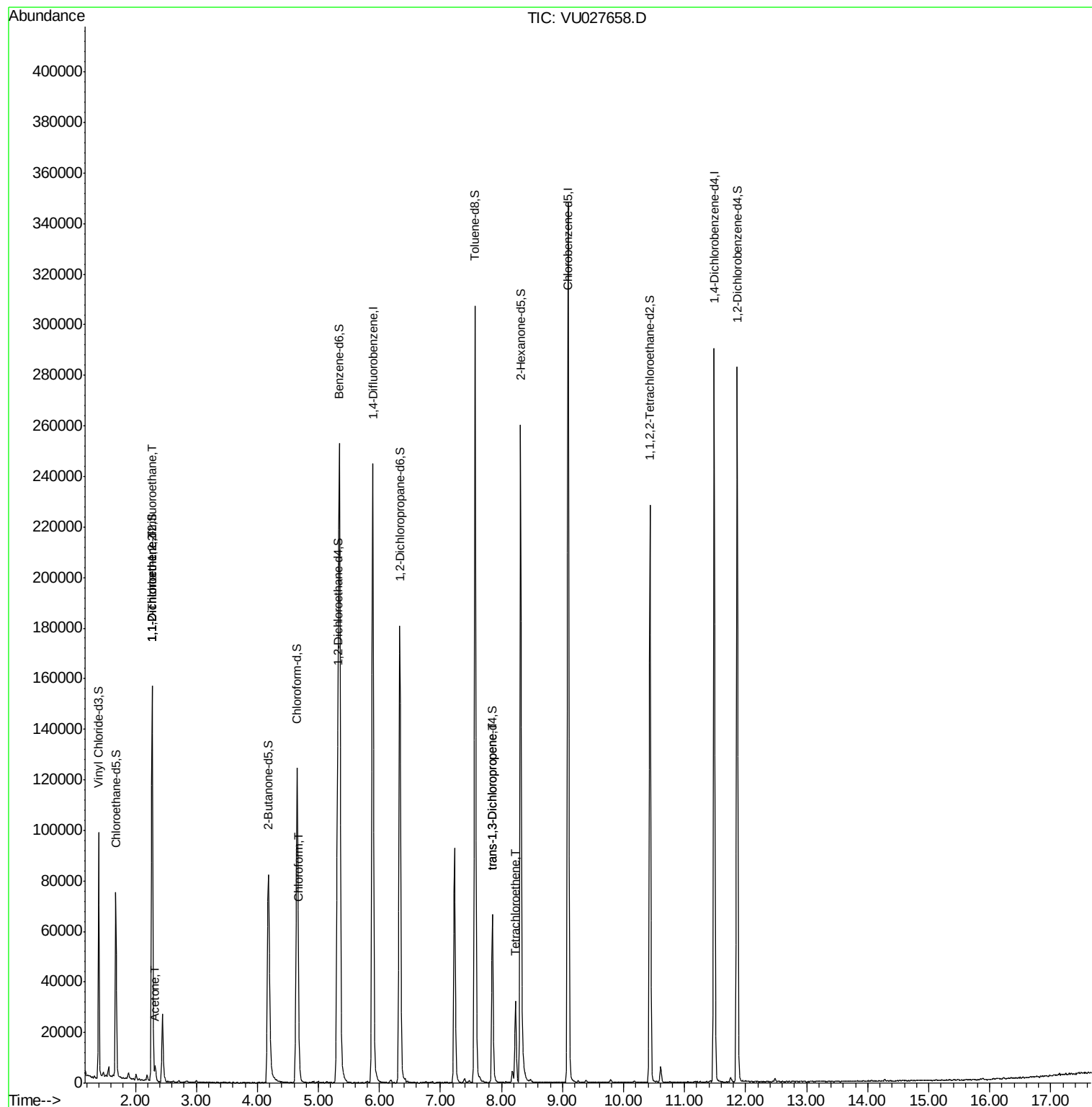
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	841	0.659 ug/L #	25
12) 1,1-Dichloroethene	2.28	96	784	0.630 ug/L #	1
13) Acetone	2.32	43	5106	5.083 ug/L	98
25) Chloroform	4.68	83	4047	1.471 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	1818	0.782 ug/L #	75
46) Tetrachloroethene	8.23	164	7179	6.828 ug/L	99

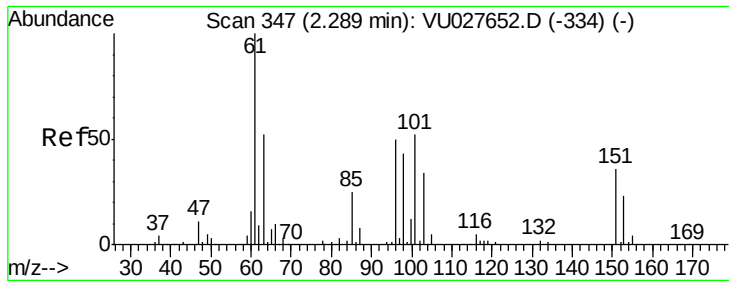
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU101518\
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QLast Update : Tue Oct 16 07:44:54 2018
Response via : Initial Calibration





#10

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

Concen: 0.659 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027658.D

Acq: 15 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

C0902

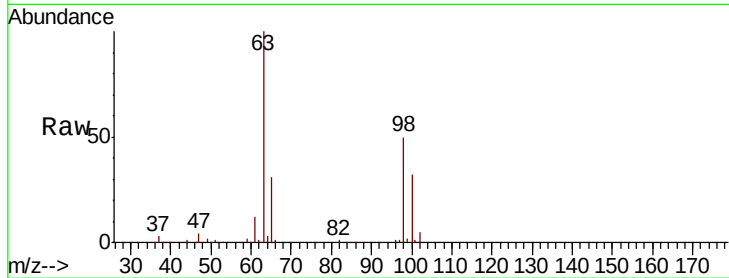
Tgt Ion:101 Resp: 841

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

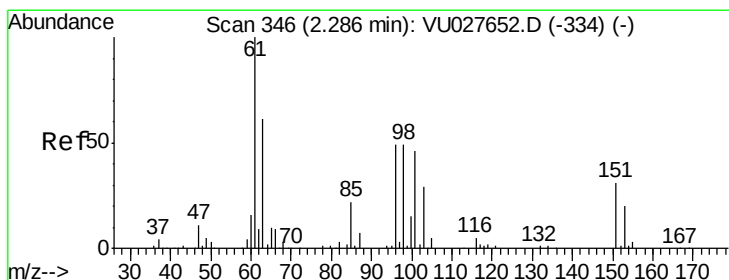
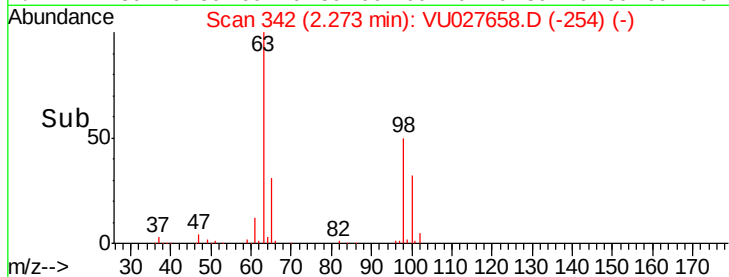
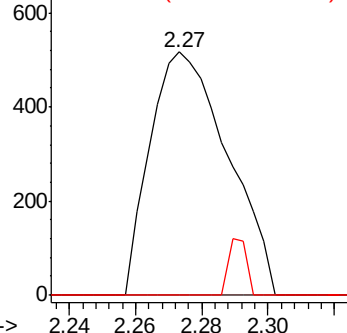
151 5.4 55.7 83.5#



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: 0.630 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027658.D

Acq: 15 Oct 2018 11:36

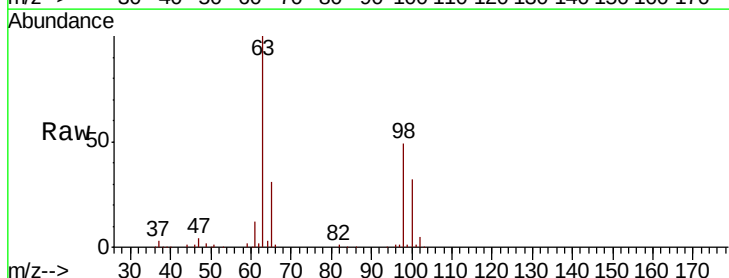
Tgt Ion: 96 Resp: 784

Ion Ratio Lower Upper

96 100

61 1273.0 135.2 251.0#

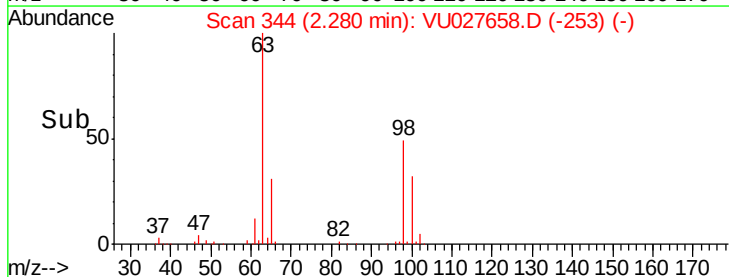
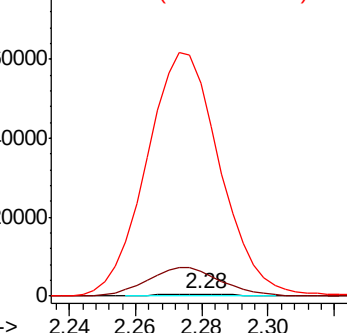
63 10879.0 94.3 175.1#

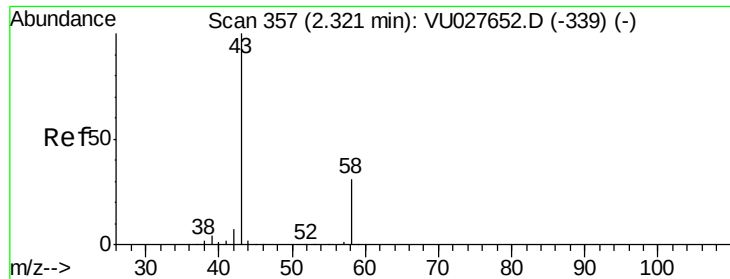


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.083 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027658.D

Acq: 15 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

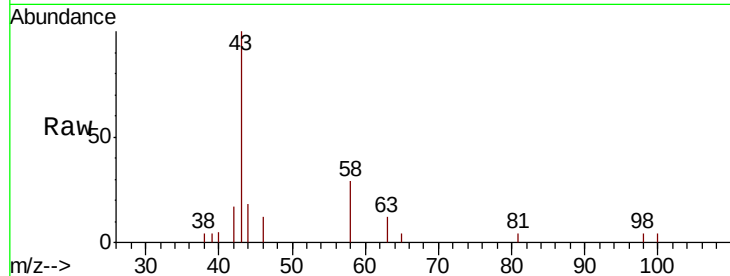
C0902

Tgt Ion: 43 Resp: 5106

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027652.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU027658.D (-265) (-)

2.32

3000

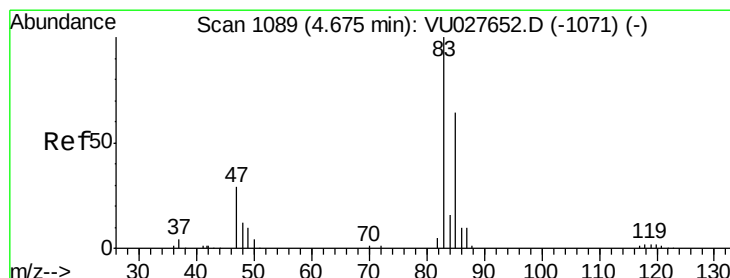
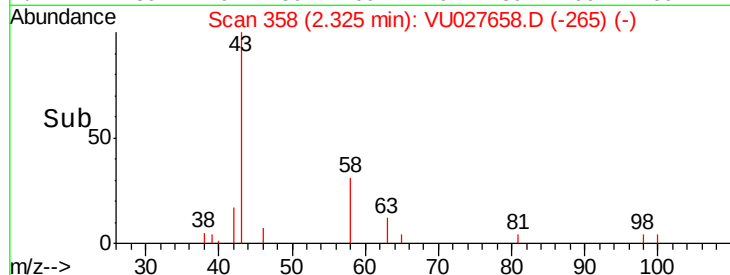
2000

1000

0

2.30 2.35

Time-->



#25

Chloroform

Concen: 1.471 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VU027658.D

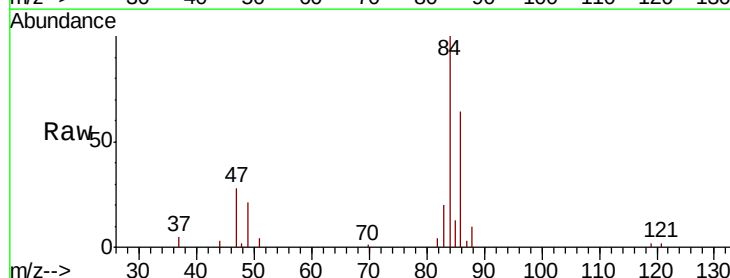
Acq: 15 Oct 2018 11:36

Tgt Ion: 83 Resp: 4047

Ion Ratio Lower Upper

83 100

85 66.8 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU027652.D (-1071) (-)

Ion 85.00 (84.70 to 85.70): VU027658.D (-997) (-)

4.68

2000

1500

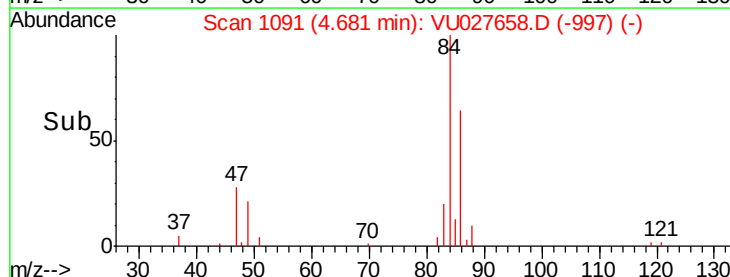
1000

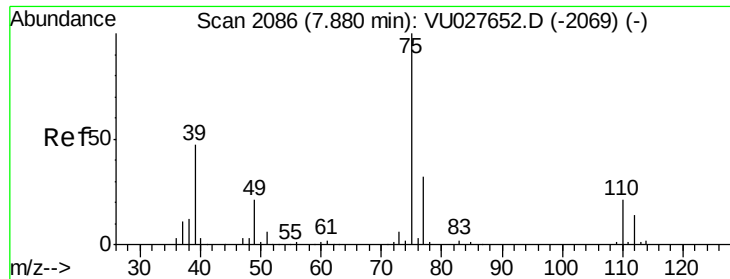
500

0

4.65 4.70

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027658.D

Acq: 15 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

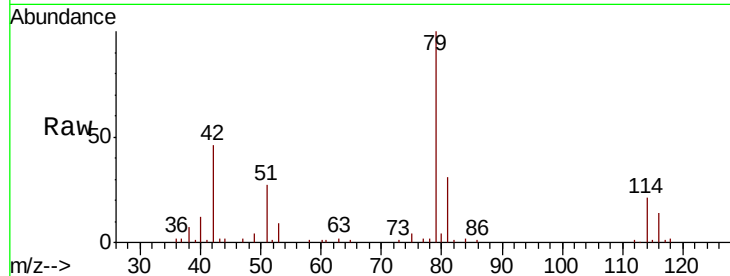
C0902

Tgt Ion: 75 Resp: 1818

Ion Ratio Lower Upper

75 100

77 45.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU027658.D (-1993) (-)

Ion 77.00 (76.70 to 77.70): VU027658.D (-1993) (-)

7.85

800

600

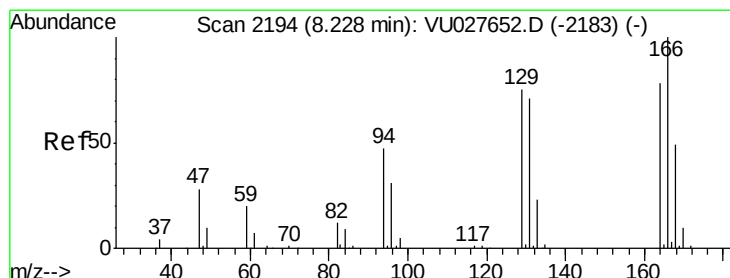
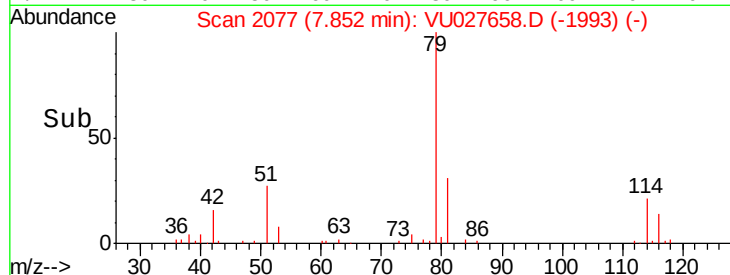
400

200

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 6.828 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027658.D

Acq: 15 Oct 2018 11:36

Tgt Ion: 164 Resp: 7179

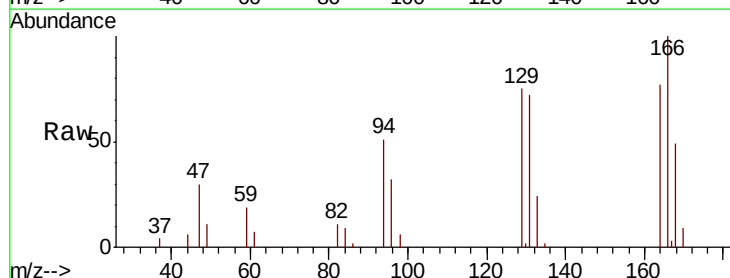
Ion Ratio Lower Upper

164 100

129 97.3 67.0 124.4

131 94.1 65.1 120.9

166 130.2 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VU027658.D (-2101) (-)

Ion 129.00 (128.70 to 129.70): VU027658.D (-2101) (-)

Ion 131.00 (130.70 to 131.70): VU027658.D (-2101) (-)

Ion 166.00 (165.70 to 166.70): VU027658.D (-2101) (-)

8.23

8000

6000

4000

2000

0

8.20 8.25

Time-->

