

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029921.D
 Acq On : 09 Mar 2019 15:42
 Operator : JC/SP
 Sample : K1789-15
 Misc : 6.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P8

Quant Time: Mar 11 02:25:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	550589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	557202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141870	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.46%
7) Chloroethane-d5	1.68	69	101	0.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.23	63	199692	31.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.19	46	217001	83.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.64	84	256232	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.38%
26) 1,2-Dichloroethane-d4	5.30	65	159002	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
32) Benzene-d6	5.33	84	567365	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
36) 1,2-Dichloropropane-d6	6.32	67	171805	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.94%
41) Toluene-d8	7.56	98	532368	39.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.92%#
43) trans-1,3-Dichloropropene-	7.85	79	81320	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.32	63	205951	91.27	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300954	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	243238	42.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.30%

Target Compounds

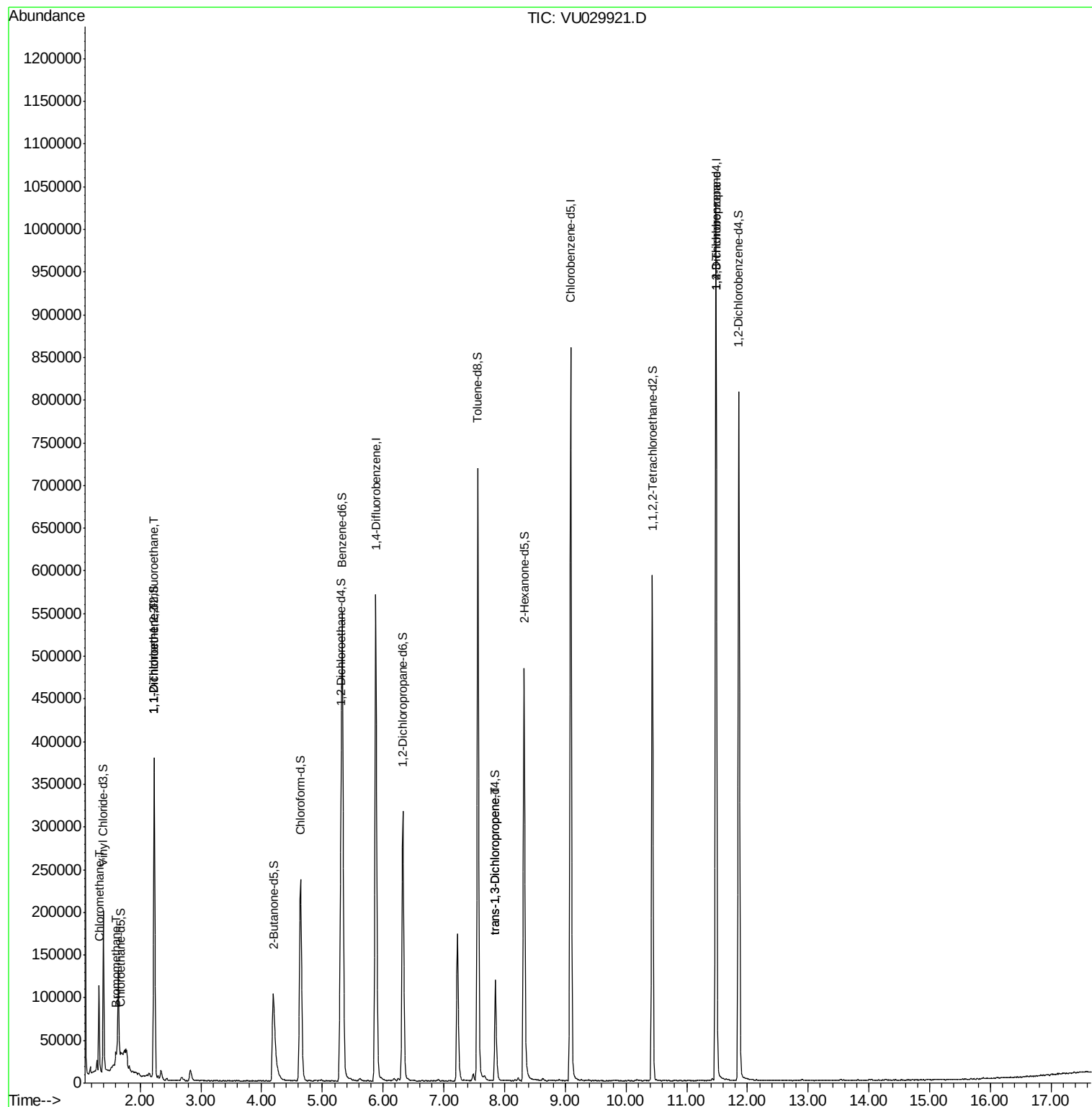
					Qvalue
3) Chloromethane	1.32	50	71639	12.890	ug/L 99
6) Bromomethane	1.60	94	3539	3.100	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2583	0.736	ug/L # 27
12) 1,1-Dichloroethene	2.23	96	1929	0.566	ug/L # 1
44) trans-1,3-Dichloropropene	7.86	75	2909	0.553	ug/L 90
59) 1,2,3-Trichloropropane	11.48	75	29599	5.757	ug/L 96

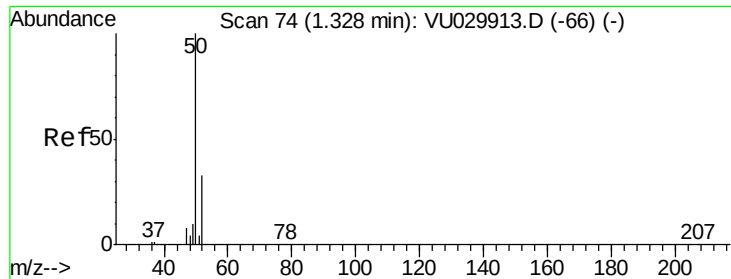
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 12.890 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029921.D

Acq: 09 Mar 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

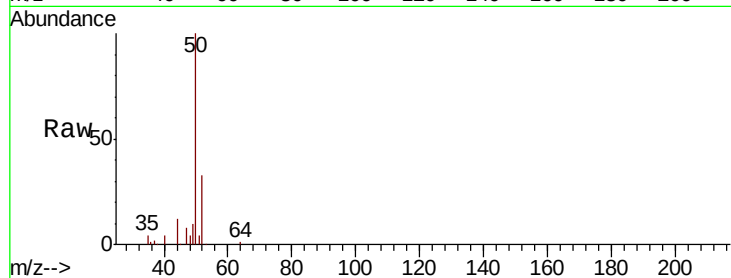
BF0P8

Tgt Ion: 50 Resp: 71639

Ion Ratio Lower Upper

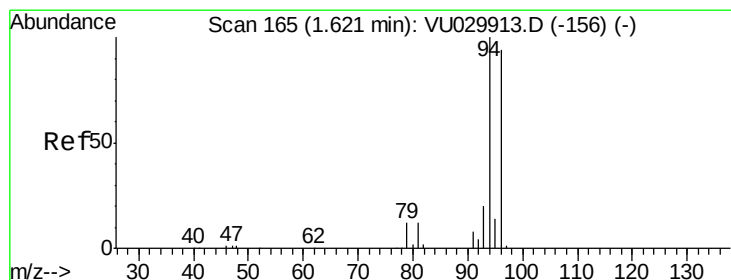
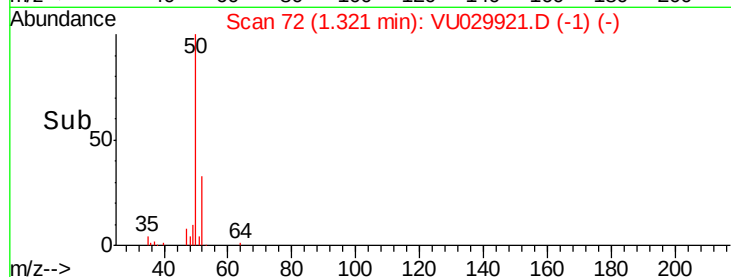
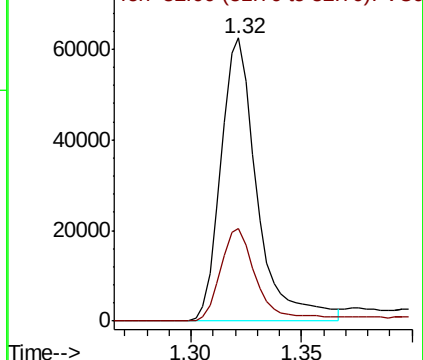
50 100

52 32.6 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.100 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029921.D

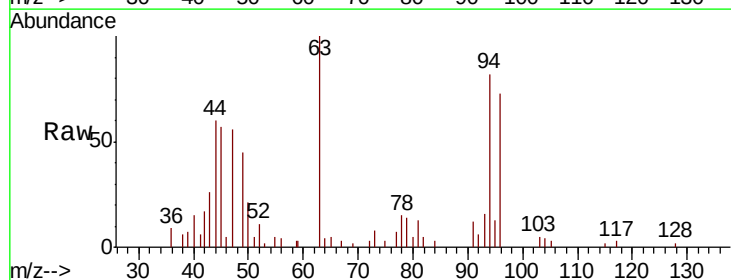
Acq: 09 Mar 2019 15:42

Tgt Ion: 94 Resp: 3539

Ion Ratio Lower Upper

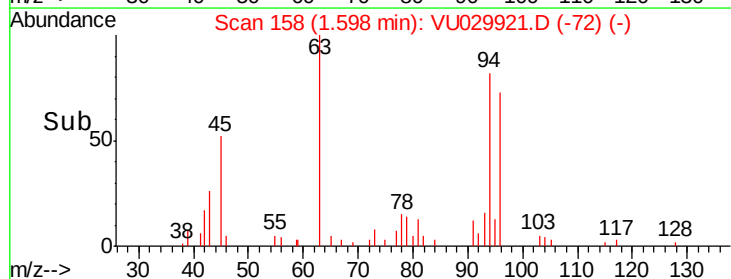
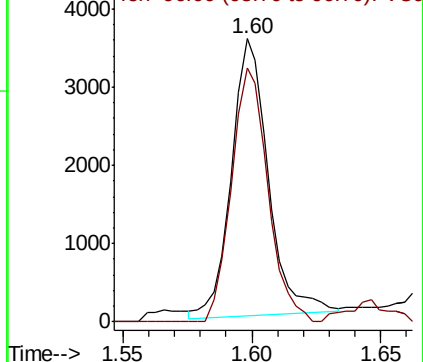
94 100

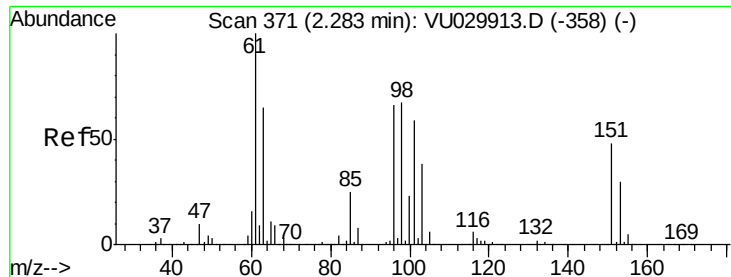
96 89.9 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.736 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU029921.D

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Instrument :

MSVOA_U

ClientSampleId :

BF0P8

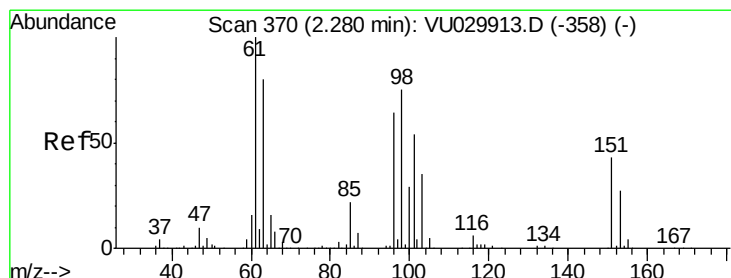
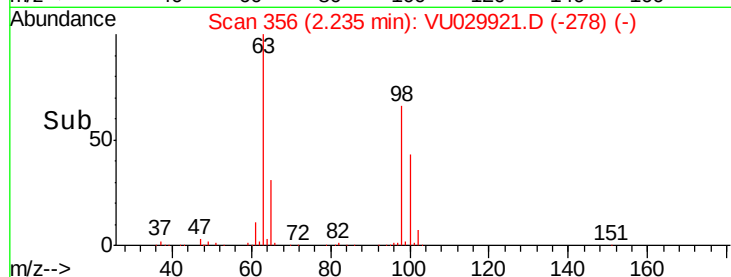
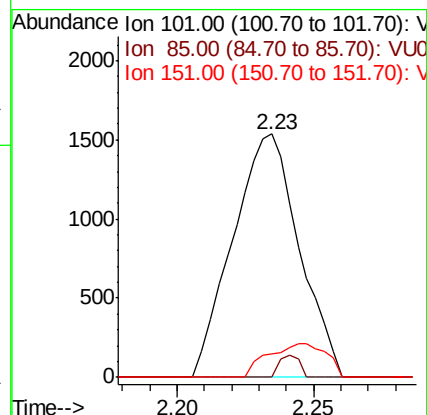
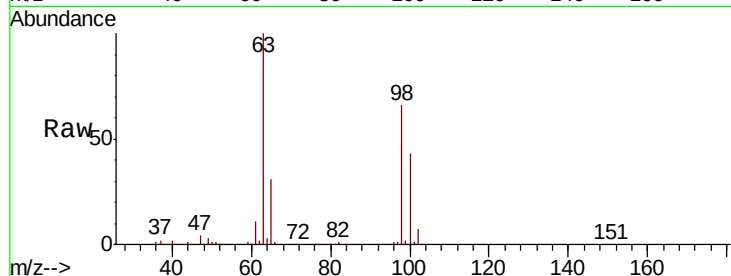
Tgt Ion: 101 Resp: 2583

Ion Ratio Lower Upper

101 100

85 2.8 33.4 50.2#

151 12.2 65.8 98.6#



#12

1,1-Dichloroethene

Concen: 0.566 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029921.D

Acq: 09 Mar 2019 15:42

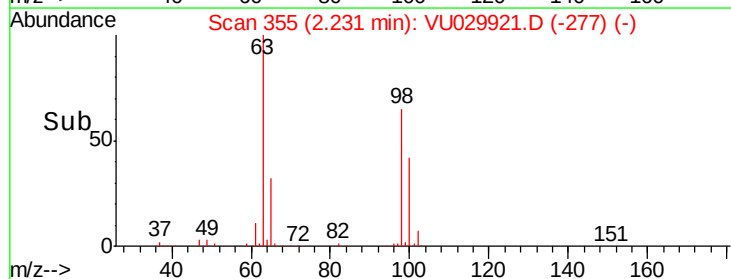
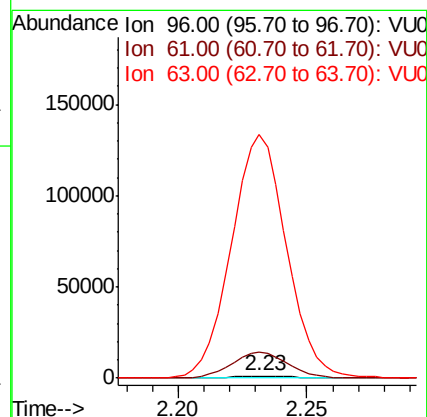
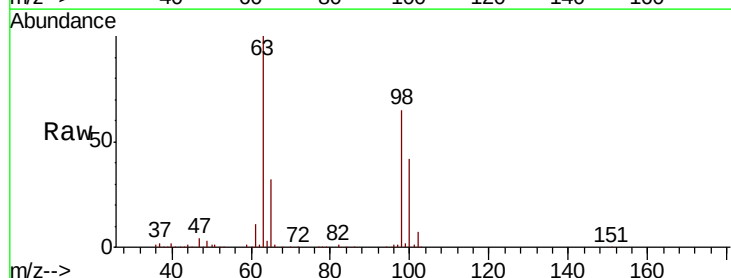
Tgt Ion: 96 Resp: 1929

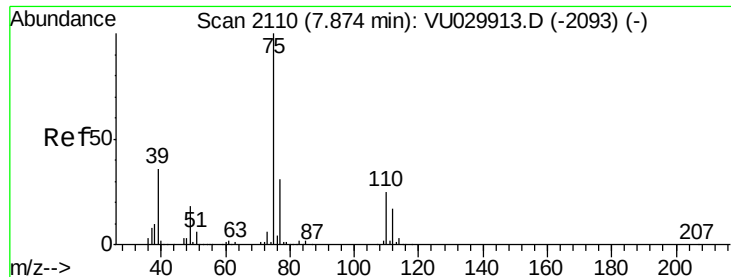
Ion Ratio Lower Upper

96 100

61 1290.6 109.0 202.4#

63 12119.9 88.1 163.5#





#44

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU029921.D

Acq: 09 Mar 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

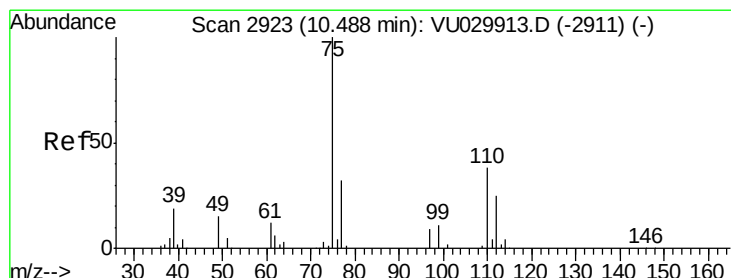
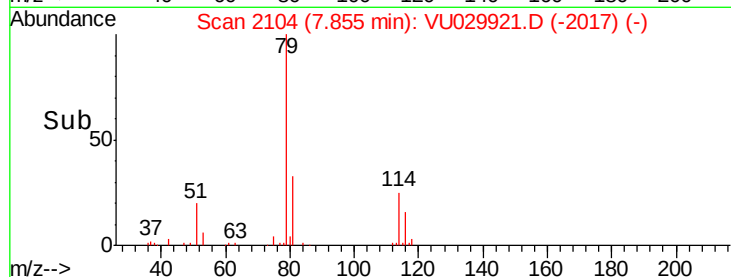
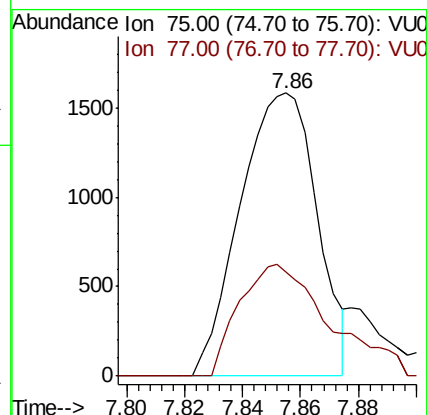
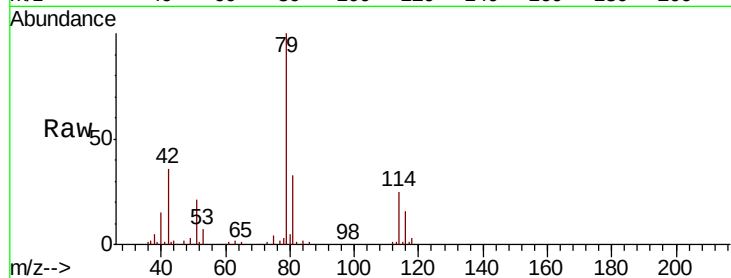
BF0P8

Tgt Ion: 75 Resp: 2909

Ion Ratio Lower Upper

75 100

77 36.9 21.8 40.6



#59

1,2,3-Trichloropropane

Concen: 5.757 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029921.D

Acq: 09 Mar 2019 15:42

Tgt Ion: 75 Resp: 29599

Ion Ratio Lower Upper

75 100

77 34.8 26.1 39.1

