

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029890.D
 Acq On : 08 Mar 2019 16:14
 Operator : JC/SP
 Sample : K1796-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5R4

Quant Time: Mar 08 22:18:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126218	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.96%
7) Chloroethane-d5	1.68	69	112459	37.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.12%
11) 1,1-Dichloroethene-d2	2.27	63	181329	27.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.36%#
21) 2-Butanone-d5	4.17	46	222279	107.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	4.64	84	266816	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	164232	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.34	84	559263	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	180145	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.20%
41) Toluene-d8	7.56	98	504059	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	78729	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.31	63	179219	94.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274675	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	214719	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%

Target Compounds

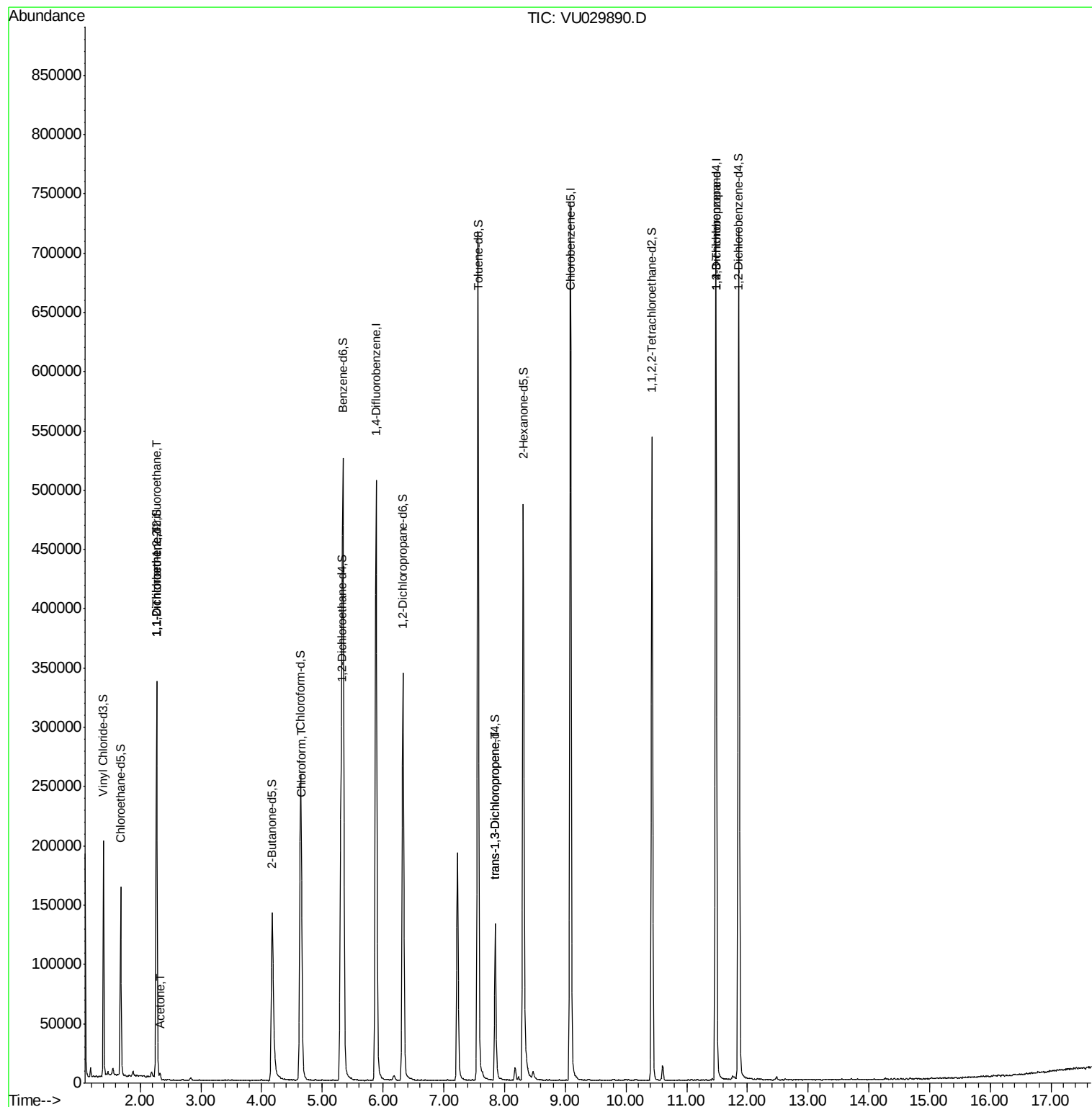
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1874	0.578 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1716	0.556 ug/L #	1
13) Acetone	2.32	43	2985	1.345 ug/L	94
25) Chloroform	4.67	83	3979	0.724 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3192	0.696 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	21018	4.888 ug/L	92

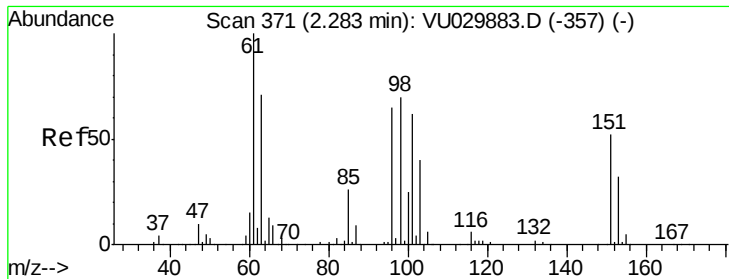
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.578 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 08 Mar 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

BF5R4

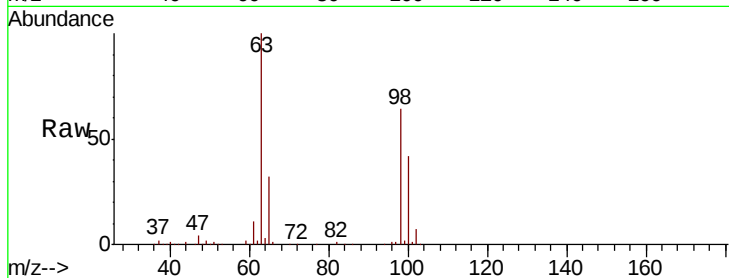
Tgt Ion: 101 Resp: 1874

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

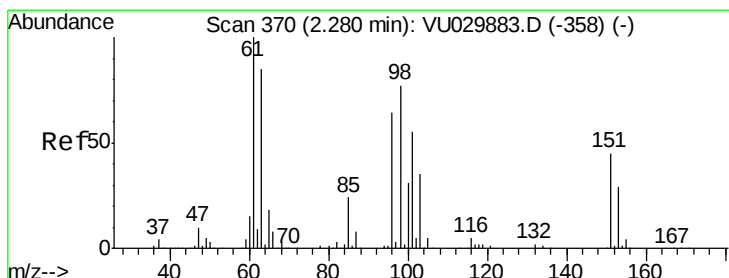
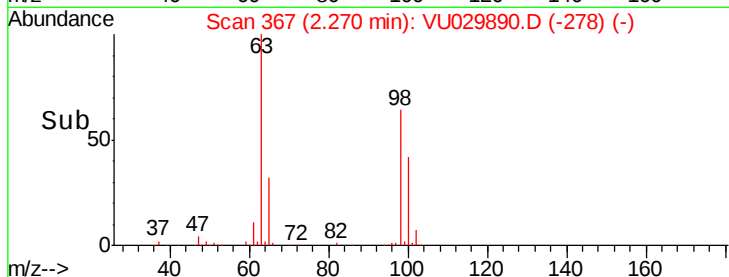
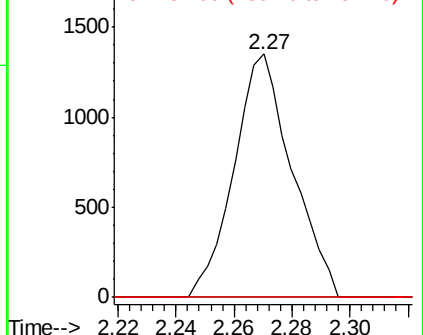
151 0.0 65.7 98.5#



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: 0.556 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029890.D

Acq: 08 Mar 2019 16:14

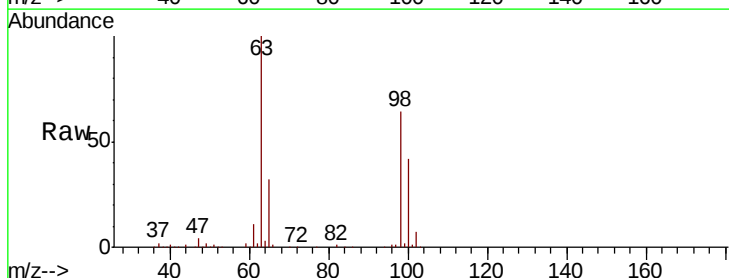
Tgt Ion: 96 Resp: 1716

Ion Ratio Lower Upper

96 100

61 1212.8 114.0 211.8#

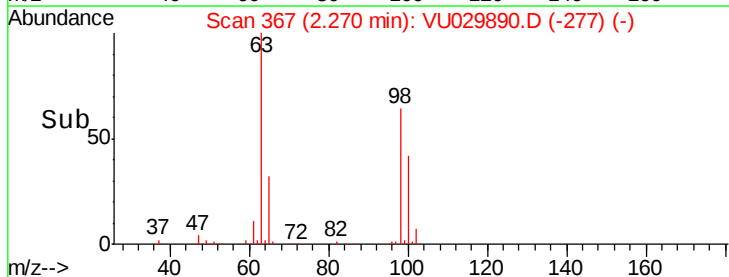
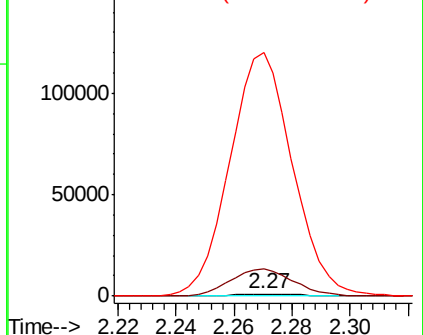
63 10968.4 98.7 183.3#

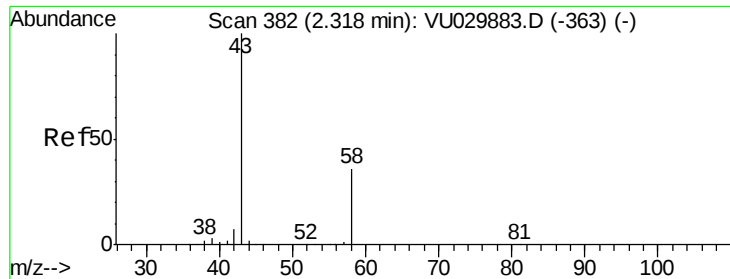


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.345 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

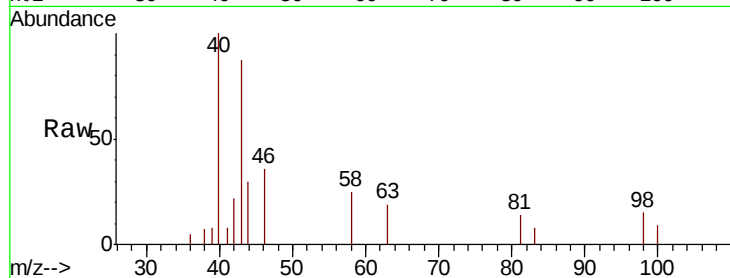
BF5R4

Tgt Ion: 43 Resp: 2985

Ion Ratio Lower Upper

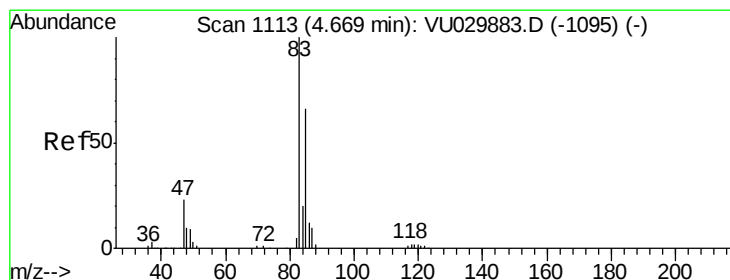
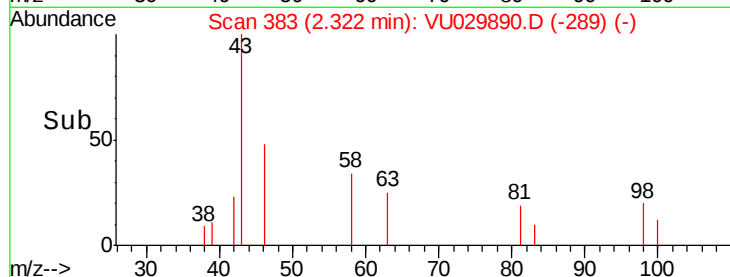
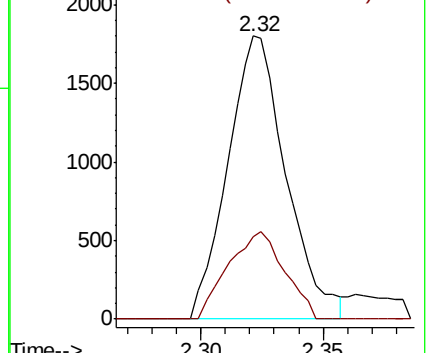
43 100

58 29.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 0.724 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029890.D

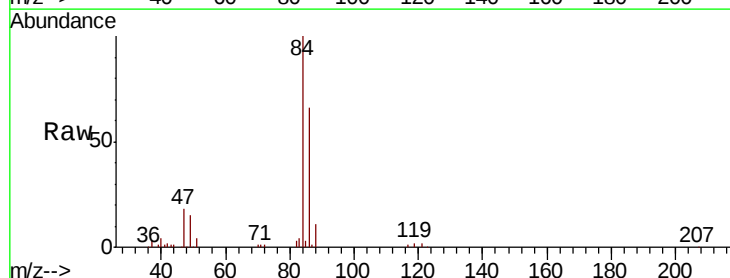
Acq: 08 Mar 2019 16:14

Tgt Ion: 83 Resp: 3979

Ion Ratio Lower Upper

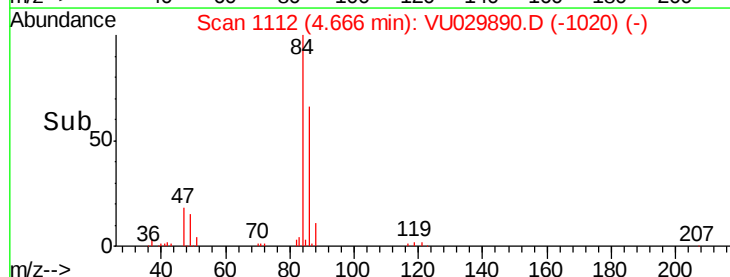
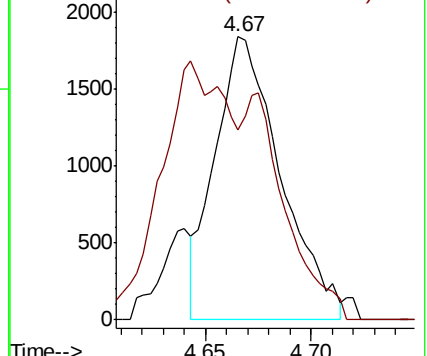
83 100

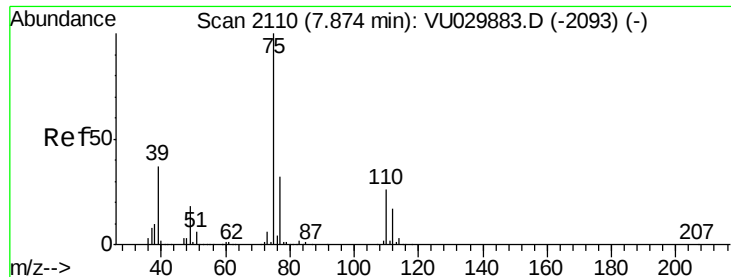
85 66.9 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029890.D

Acq: 08 Mar 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

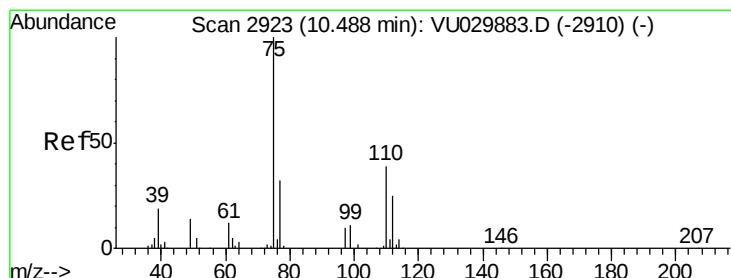
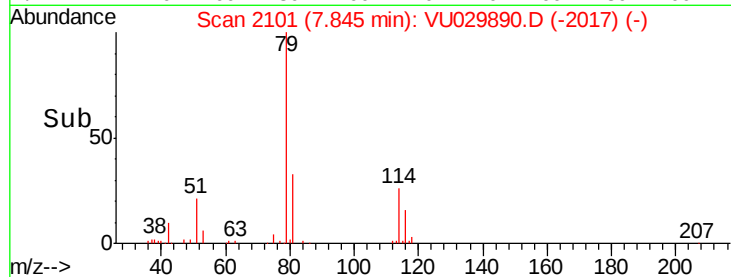
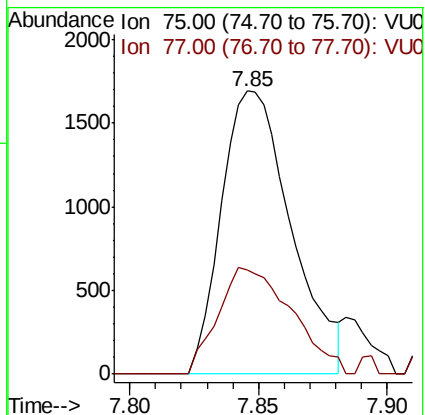
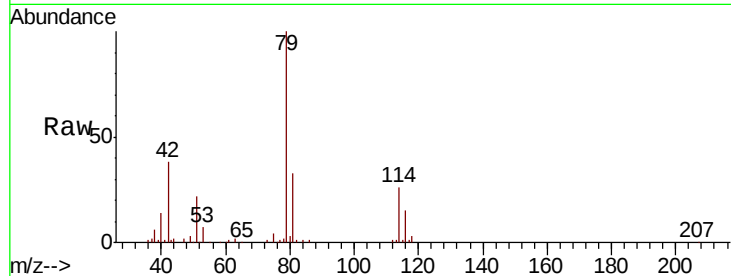
BF5R4

Tgt Ion: 75 Resp: 3192

Ion Ratio Lower Upper

75 100

77 37.0 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 4.888 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029890.D

Acq: 08 Mar 2019 16:14

Tgt Ion: 75 Resp: 21018

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5

