

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029924.D
 Acq On : 09 Mar 2019 16:52
 Operator : JC/SP
 Sample : K1789-18
 Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q1

Quant Time: Mar 11 02:25:36 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	624600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	630977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	337340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161169	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.58%
7) Chloroethane-d5	1.64	69	66561	20.78	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.56%#
11) 1,1-Dichloroethene-d2	2.23	63	227115	31.62	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.24%
21) 2-Butanone-d5	4.19	46	248992	84.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.33%
24) Chloroform-d	4.64	84	292753	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.94%
26) 1,2-Dichloroethane-d4	5.30	65	182511	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
32) Benzene-d6	5.33	84	643479	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.86%
36) 1,2-Dichloropropane-d6	6.32	67	196257	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.64%
41) Toluene-d8	7.56	98	611968	40.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.12%
43) trans-1,3-Dichloropropene-	7.85	79	90553	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
47) 2-Hexanone-d5	8.32	63	238312	93.26	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	335634	44.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	280389	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%

Target Compounds

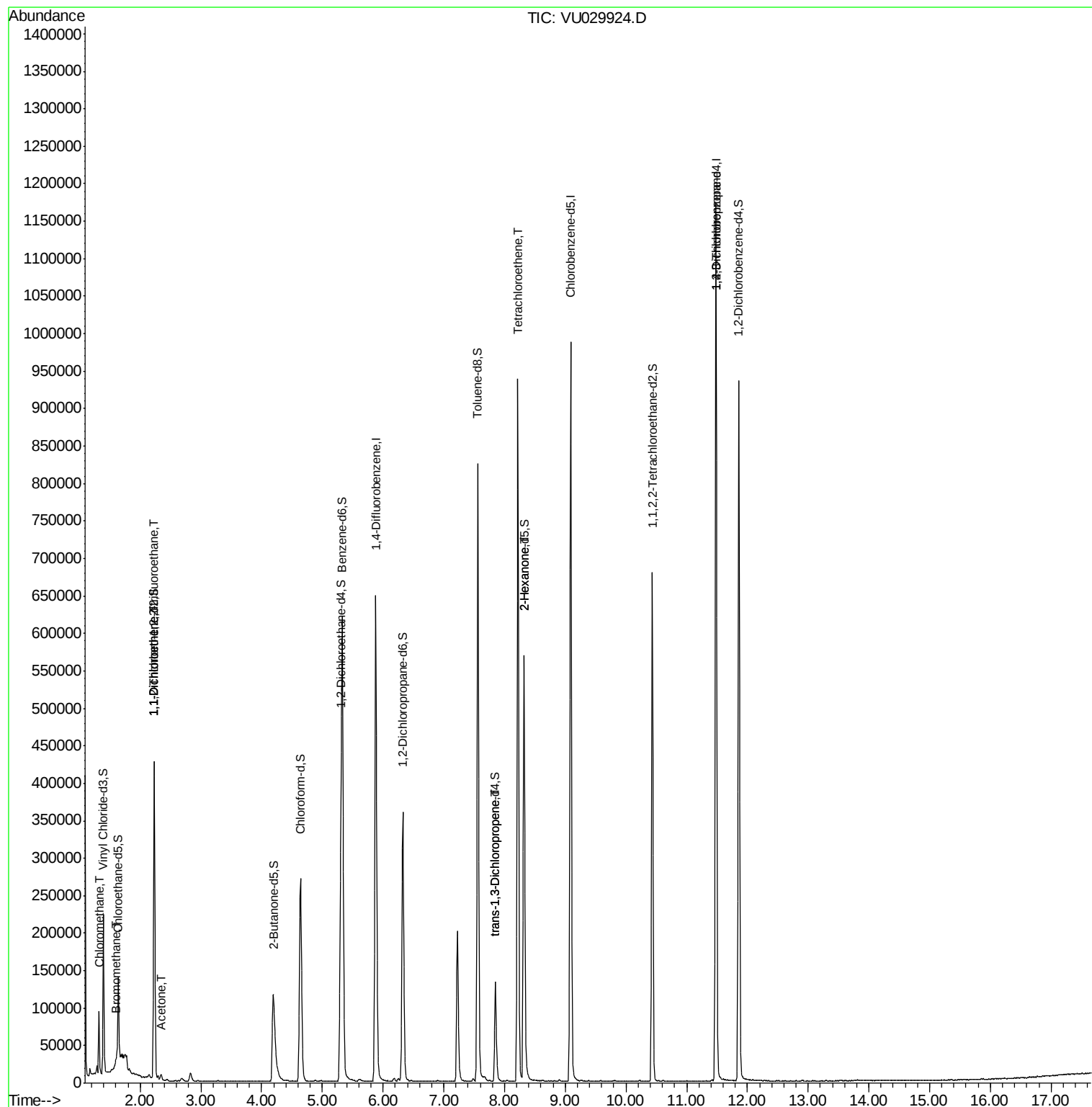
					Qvalue
3) Chloromethane	1.32	50	59413	9.423 ug/L	98
6) Bromomethane	1.60	94	3102	2.396 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2701	0.679 ug/L #	27
12) 1,1-Dichloroethene	2.23	96	2136	0.553 ug/L #	1
13) Acetone	2.35	43	1893	0.588 ug/L	69
44) trans-1,3-Dichloropropene	7.85	75	3638	0.611 ug/L	96
46) Tetrachloroethene	8.22	164	231416	59.151 ug/L	100
48) 2-Hexanone	8.32	43	22373	4.519 ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	34552	5.934 ug/L	95

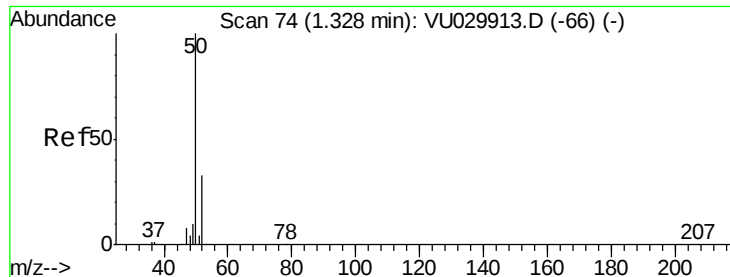
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 9.423 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

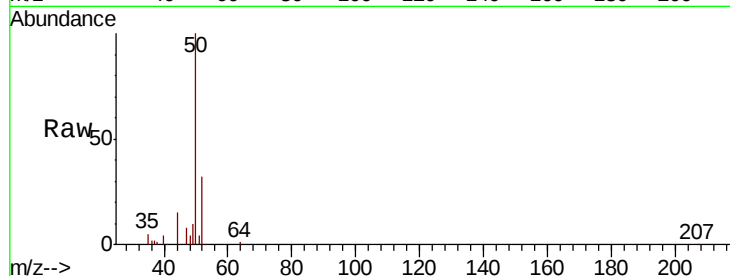
BF0Q1

Tgt Ion: 50 Resp: 59413

Ion Ratio Lower Upper

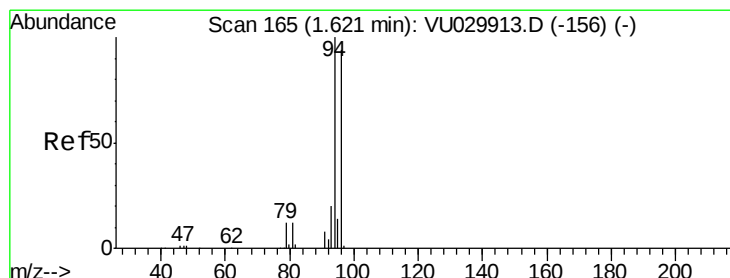
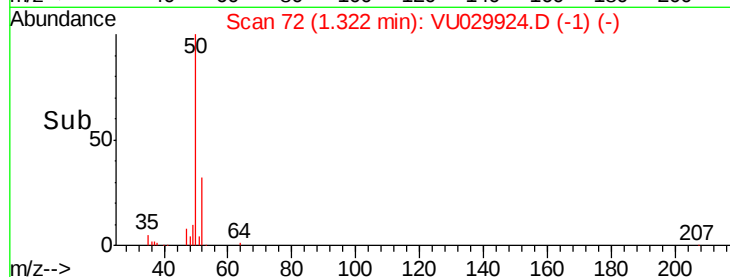
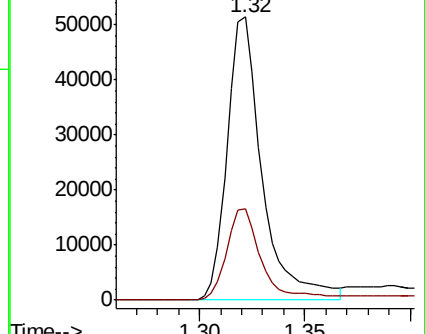
50 100

52 32.1 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: 2.396 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029924.D

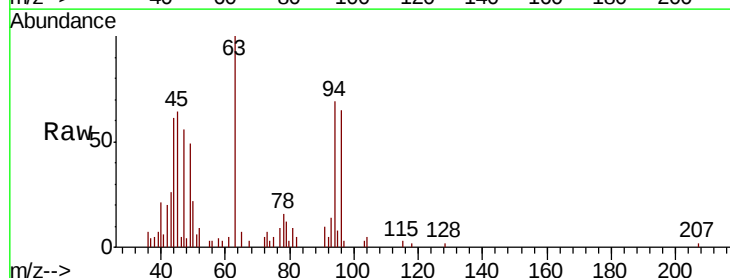
Acq: 09 Mar 2019 16:52

Tgt Ion: 94 Resp: 3102

Ion Ratio Lower Upper

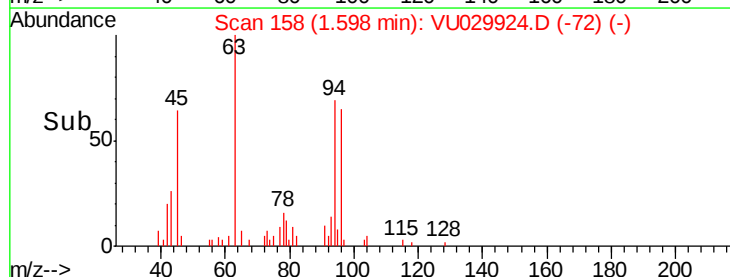
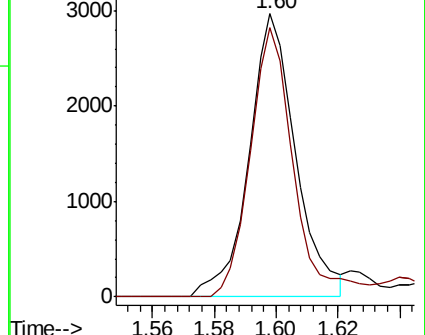
94 100

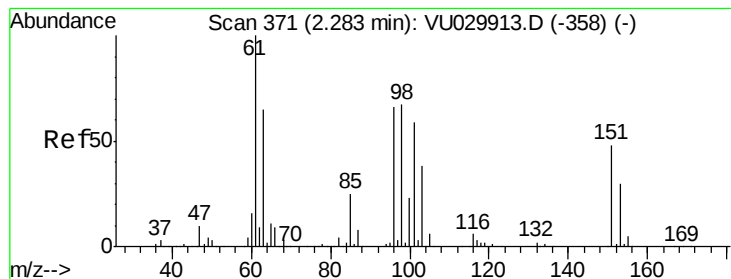
96 95.0 65.7 121.9



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: 0.679 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

BF0Q1

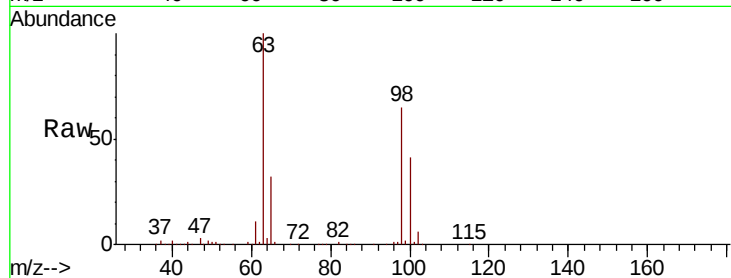
Tgt Ion: 101 Resp: 2701

Ion Ratio Lower Upper

101 100

85 6.7 33.4 50.2#

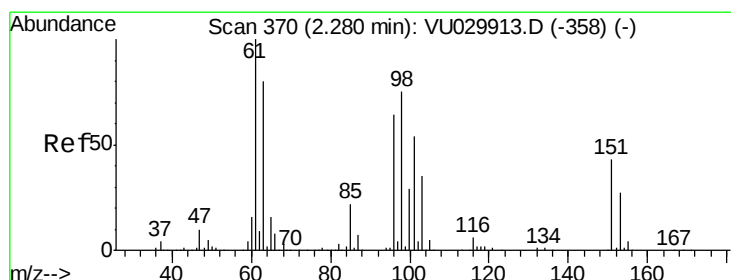
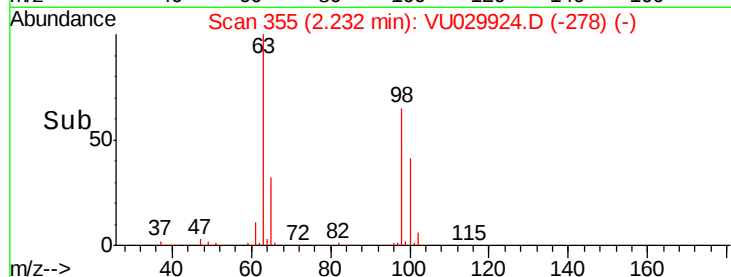
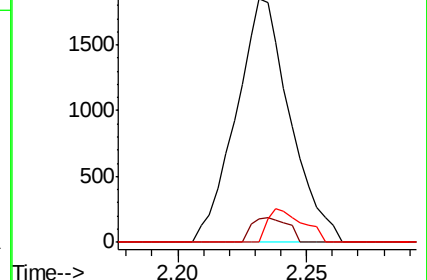
151 8.9 65.8 98.6#



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: 0.553 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.04 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

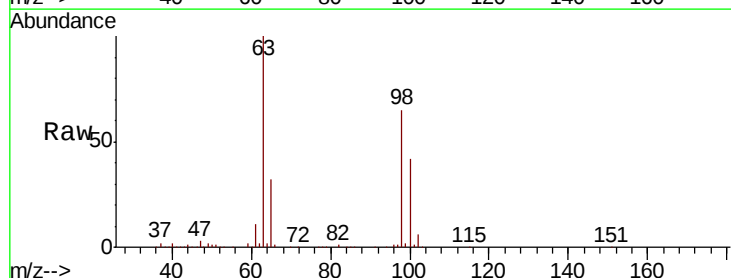
Tgt Ion: 96 Resp: 2136

Ion Ratio Lower Upper

96 100

61 1099.4 109.0 202.4#

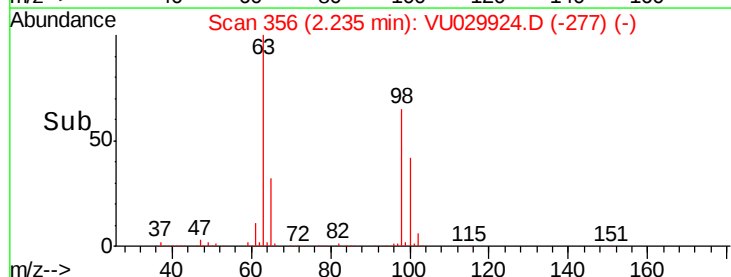
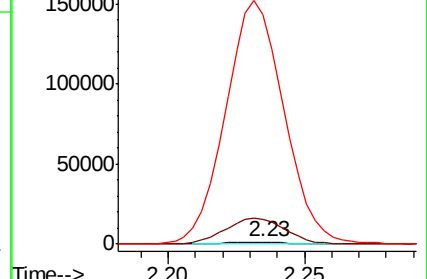
63 10140.5 88.1 163.5#

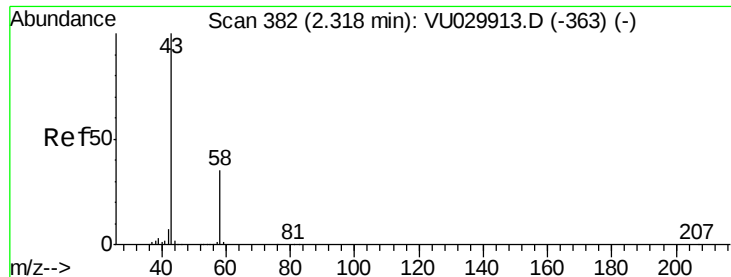


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.588 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.03 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

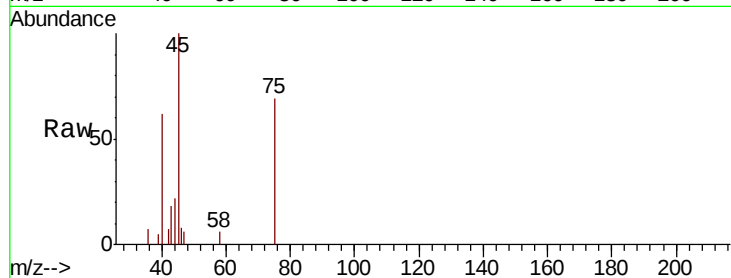
BF0Q1

Tgt Ion: 43 Resp: 1893

Ion Ratio Lower Upper

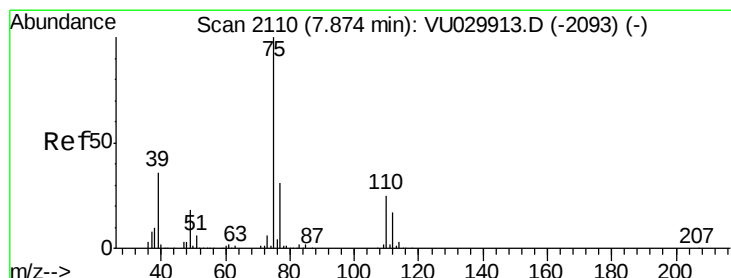
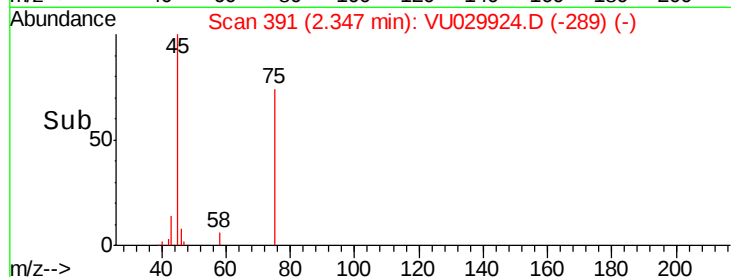
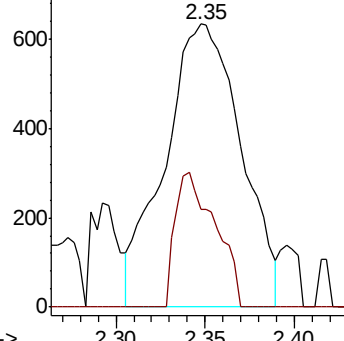
43 100

58 17.1 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029924.D

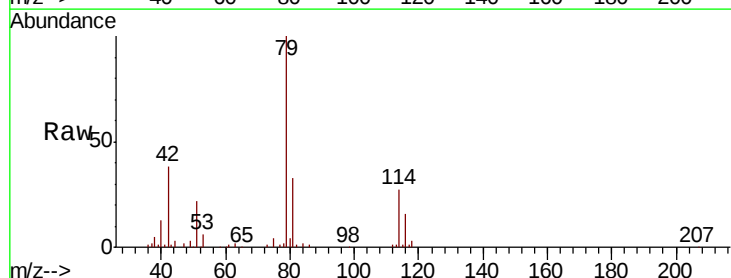
Acq: 09 Mar 2019 16:52

Tgt Ion: 75 Resp: 3638

Ion Ratio Lower Upper

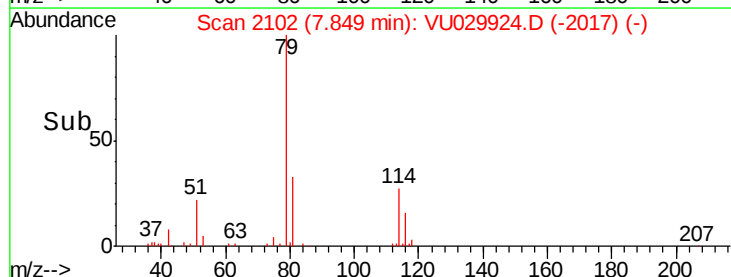
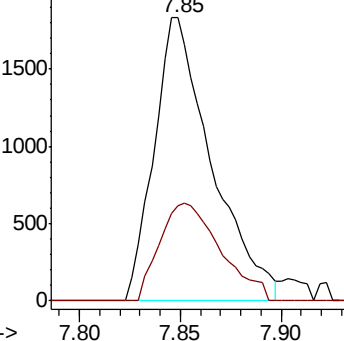
75 100

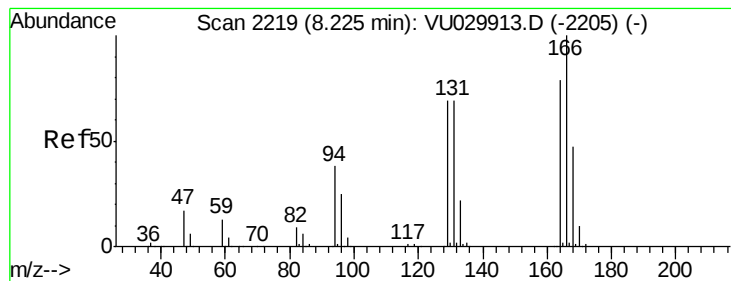
77 33.6 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 59.151 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Instrument :

MSVOA_U

ClientSampleID :

BF0Q1

Tgt Ion:164 Resp: 231416

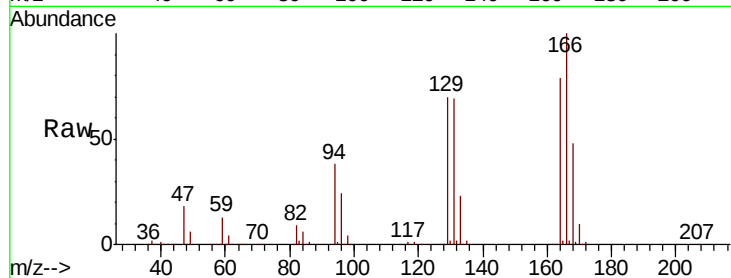
Ion Ratio Lower Upper

164 100

129 88.0 61.0 113.2

131 86.6 60.5 112.3

166 126.3 88.3 163.9



Abundance

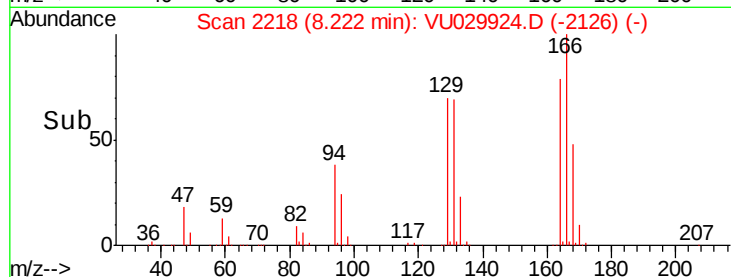
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

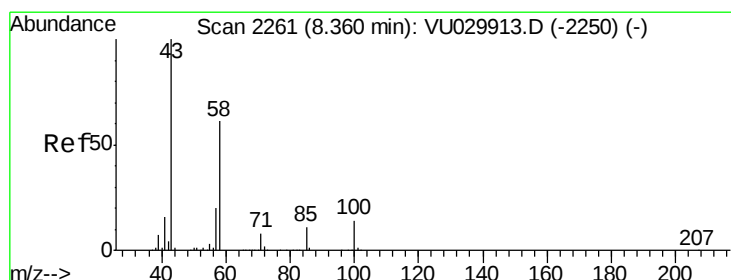
Ion 166.00 (165.70 to 166.70): V

Time-->



Abundance

Time-->



#48

2-Hexanone

Concen: 4.519 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Tgt Ion: 43 Resp: 22373

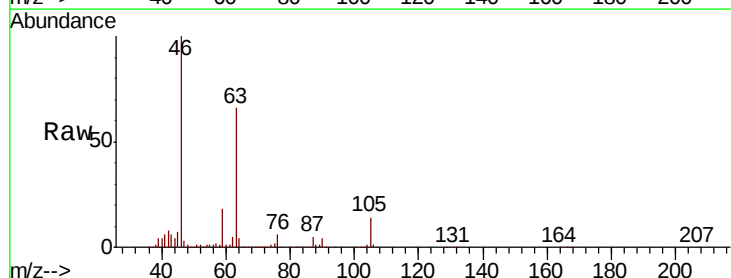
Ion Ratio Lower Upper

43 100

58 26.1 49.2 73.8#

57 27.5 16.6 25.0#

100 0.3 11.4 17.0#



Abundance

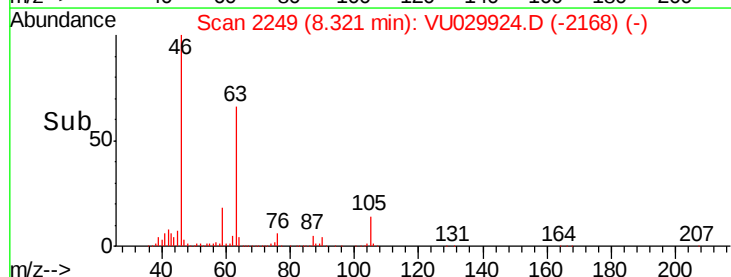
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

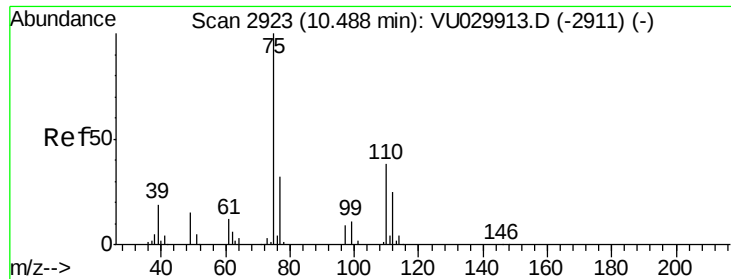
Ion 100.00 (99.70 to 100.70): VU0

Time-->



Abundance

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.934 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029924.D

Acq: 09 Mar 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

BF0Q1

Tgt Ion: 75 Resp: 34552

Ion Ratio Lower Upper

75 100

77 35.5 26.1 39.1

