

Data File : VU030039.D
Acq On : 13 Mar 2019 19:03
Operator : JC/SP
Sample : K1838-20
Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF182ME

Quant Time: Mar 14 03:54:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	627936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	342880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206810	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.92%
7) Chloroethane-d5	1.64	69	97961	29.32	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.64%#
11) 1,1-Dichloroethene-d2	2.23	63	291854	39.06	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.12%
21) 2-Butanone-d5	4.19	46	414703	133.71	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.71%#
24) Chloroform-d	4.64	84	418435	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.70%
26) 1,2-Dichloroethane-d4	5.30	65	253805	59.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.34%
32) Benzene-d6	5.33	84	885177	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
36) 1,2-Dichloropropane-d6	6.32	67	290213	58.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.32%
41) Toluene-d8	7.56	98	818867	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%
43) trans-1,3-Dichloropropene-	7.85	79	133658	55.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.56%
47) 2-Hexanone-d5	8.32	63	403693	145.84	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	145.84%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	528169	69.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	138.96%#
64) 1,2-Dichlorobenzene-d4	11.86	152	402141	60.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.08%#

Target Compounds

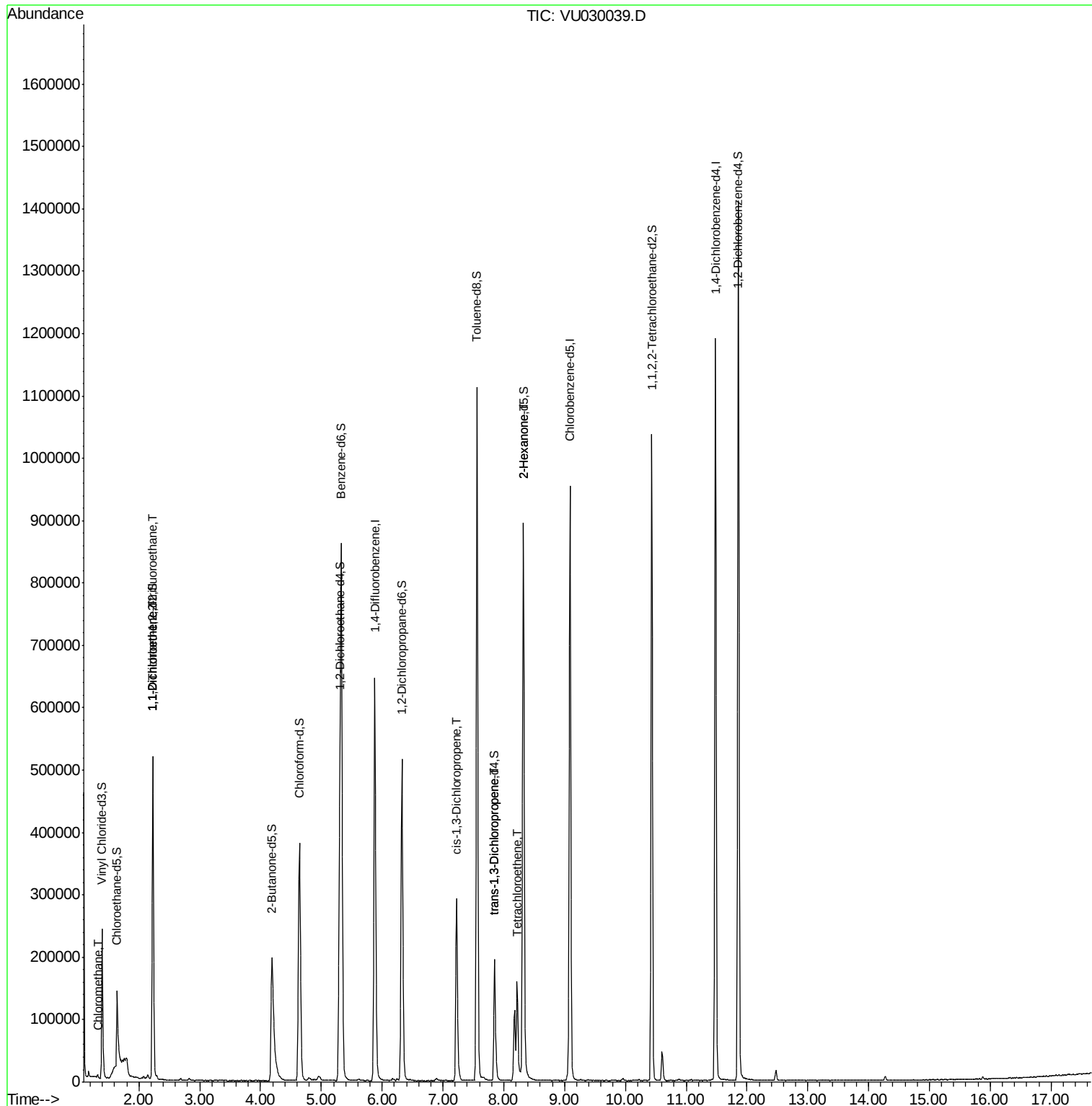
					Qvalue
3) Chloromethane	1.32	50	3567	0.818 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3386	0.824 ug/L #	28
12) 1,1-Dichloroethene	2.23	96	2828	0.721 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	7606	1.034 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	5724	0.852 ug/L	85
46) Tetrachloroethene	8.22	164	39040	9.473 ug/L	98
48) 2-Hexanone	8.32	43	37662	6.918 ug/L #	63

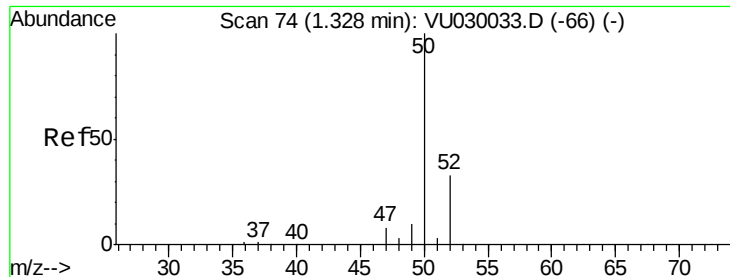
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.818 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030039.D

Acq: 13 Mar 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

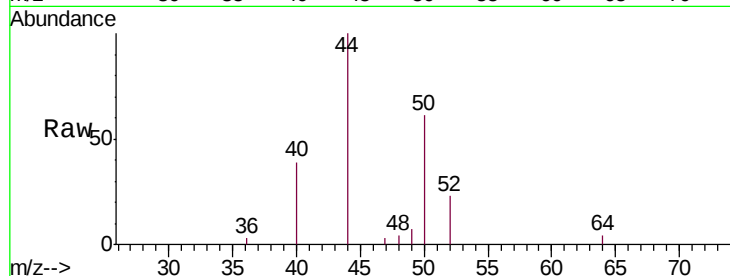
BF182ME

Tgt Ion: 50 Resp: 3567

Ion Ratio Lower Upper

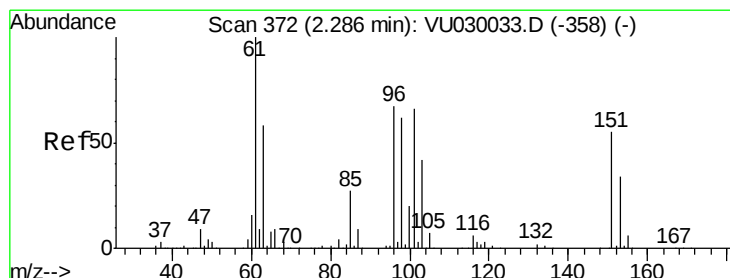
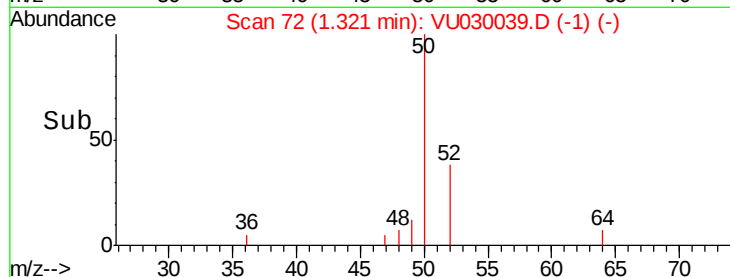
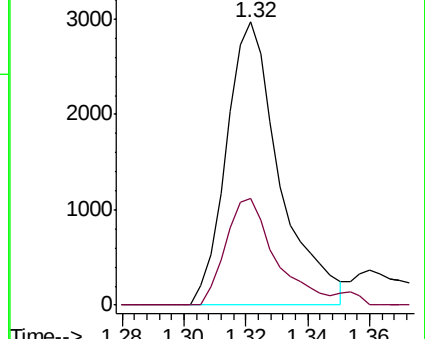
50 100

52 37.8 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030039.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030039.D (-66) (-)



#10

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

Concen: 0.824 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU030039.D

Acq: 13 Mar 2019 19:03

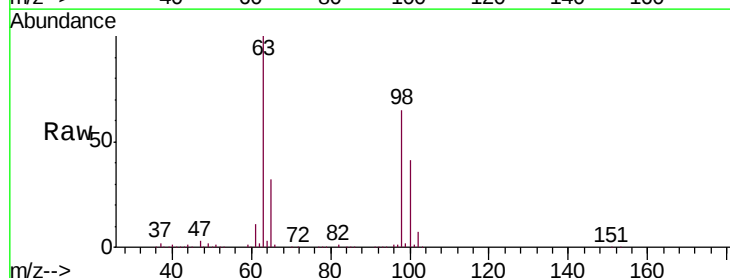
Tgt Ion: 101 Resp: 3386

Ion Ratio Lower Upper

101 100

85 11.1 33.0 49.4#

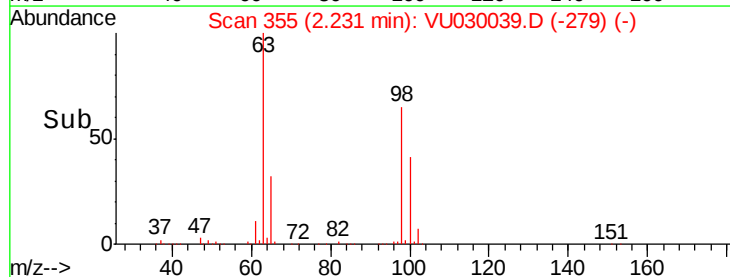
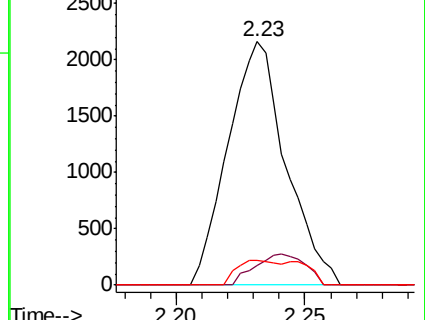
151 7.6 66.1 99.1#

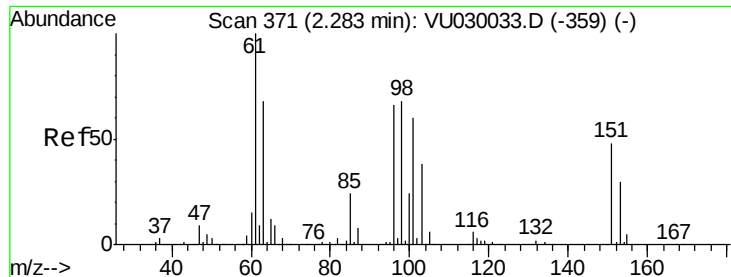


Abundance Ion 101.00 (100.70 to 101.70): VU030039.D (-279) (-)

Ion 85.00 (84.70 to 85.70): VU030039.D (-279) (-)

Ion 151.00 (150.70 to 151.70): VU030039.D (-279) (-)

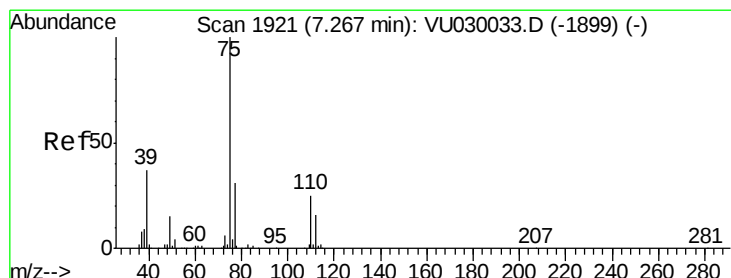
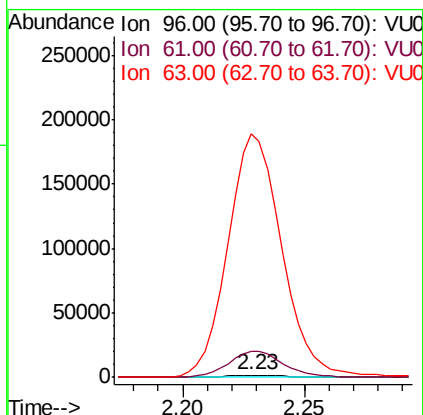
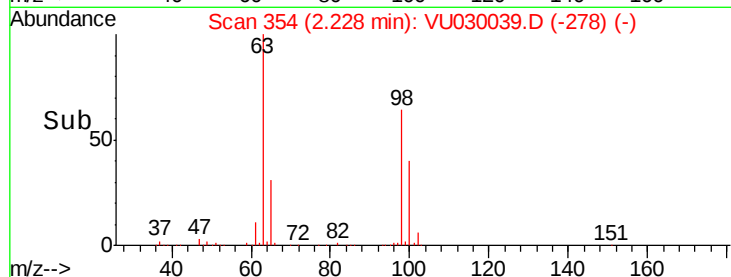
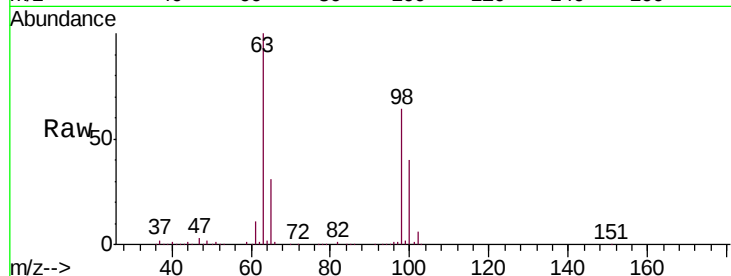




#12
 1,1-Dichloroethene
 Concen: 0.721 ug/L
 RT: 2.23 min Scan# 354
 Delta R.T. -0.05 min
 Lab File: VU030039.D
 Acq: 13 Mar 2019 19:03

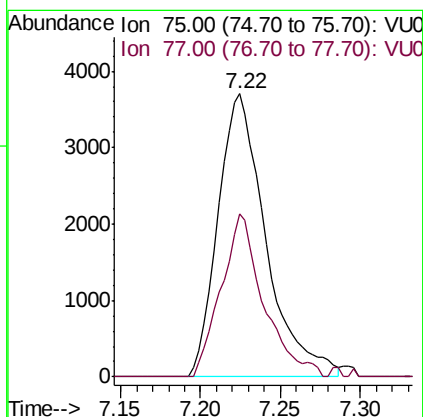
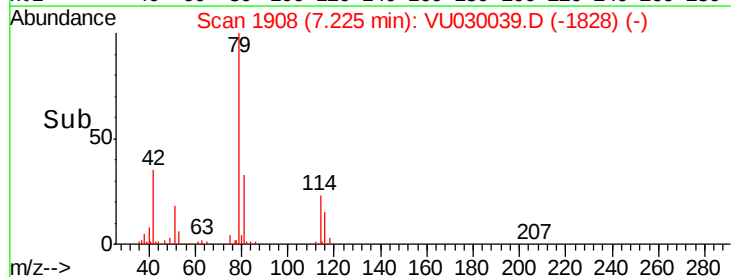
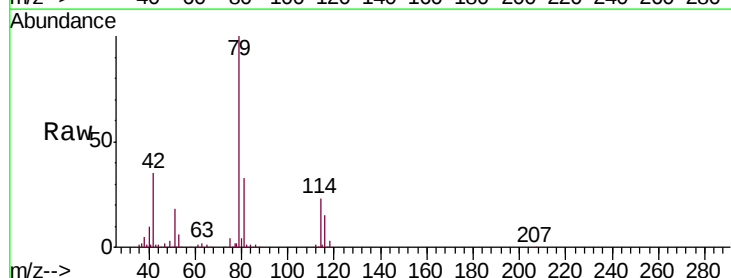
Instrument :
 MSVOA_U
 ClientSampleId :
 BF182ME

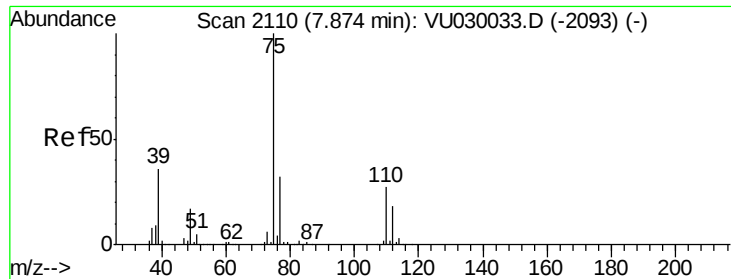
Tgt Ion: 96 Resp: 2828
 Ion Ratio Lower Upper
 96 100
 61 1235.9 110.4 205.0#
 63 11378.2 86.5 160.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.034 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030039.D
 Acq: 13 Mar 2019 19:03

Tgt Ion: 75 Resp: 7606
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.852 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030039.D

Acq: 13 Mar 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

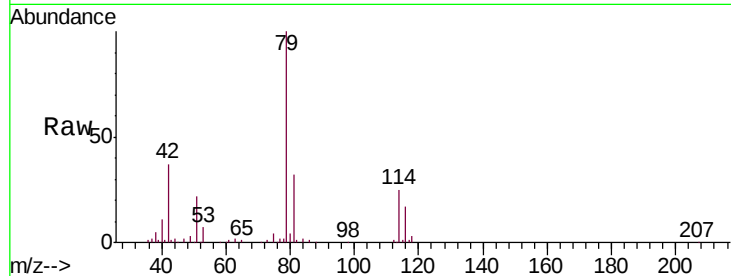
BF182ME

Tgt Ion: 75 Resp: 5724

Ion Ratio Lower Upper

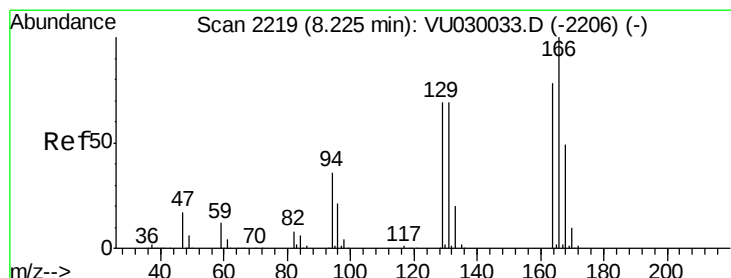
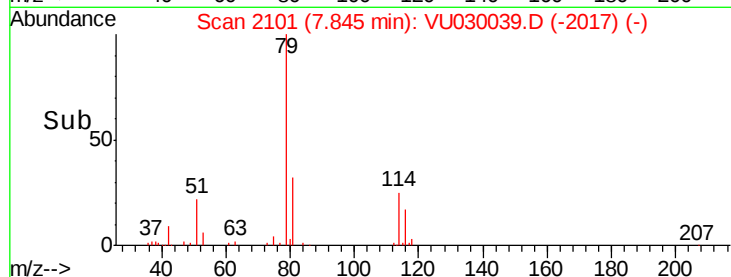
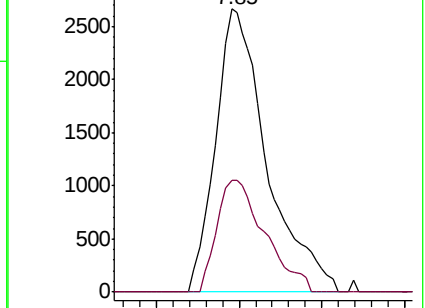
75 100

77 39.5 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030039.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU030039.D (-2101) (-)



#46

Tetrachloroethene

Concen: 9.473 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030039.D

Acq: 13 Mar 2019 19:03

Tgt Ion: 164 Resp: 39040

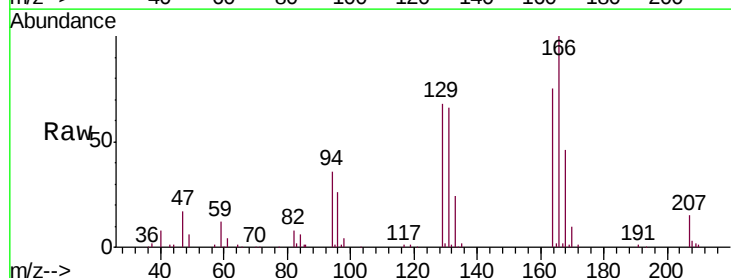
Ion Ratio Lower Upper

164 100

129 89.6 63.3 117.7

131 88.1 62.0 115.2

166 132.6 90.5 168.1

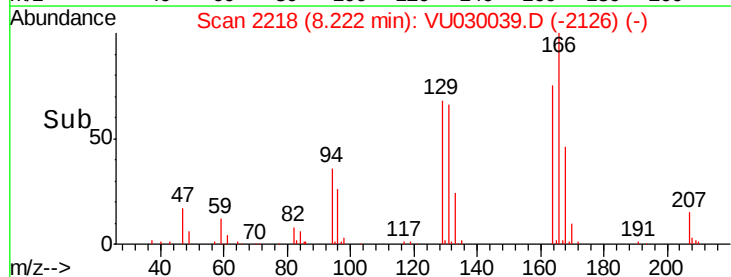
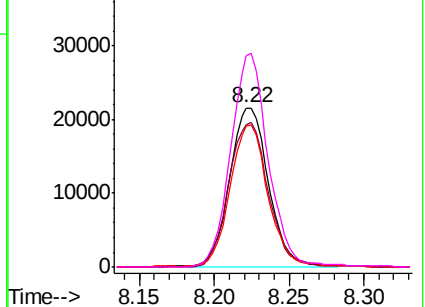


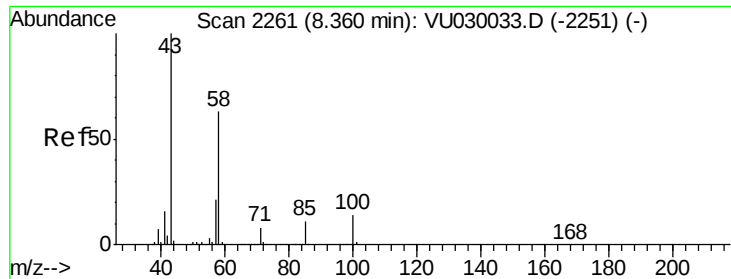
Abundance Ion 164.00 (163.70 to 164.70): VU030039.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU030039.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU030039.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU030039.D (-2218) (-)





#48

2-Hexanone

Concen: 6.918 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030039.D

Acq: 13 Mar 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

BF182ME

Tgt Ion: 43 Resp: 37662

Ion Ratio Lower Upper

43 100

58 25.5 48.6 72.8#

57 25.0 16.1 24.1#

100 0.0 11.6 17.4#

