

Data File : VU030808.D
Acq On : 06 Apr 2019 18:12
Operator : JC/SP
Sample : K2277-10ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF173ME

Quant Time: Apr 08 05:06:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136655	39.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.58%
7) Chloroethane-d5	1.70	69	480	0.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.36%#
11) 1,1-Dichloroethene-d2	2.23	63	215506	34.26	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	4.19	46	291423	105.72	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	4.64	84	245303	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.30	65	178194	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
32) Benzene-d6	5.33	84	513417	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	178317	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.24%
41) Toluene-d8	7.56	98	437048	43.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	77692	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.14%
47) 2-Hexanone-d5	8.32	63	181158	102.51	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261444	50.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	167051	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

Target Compounds

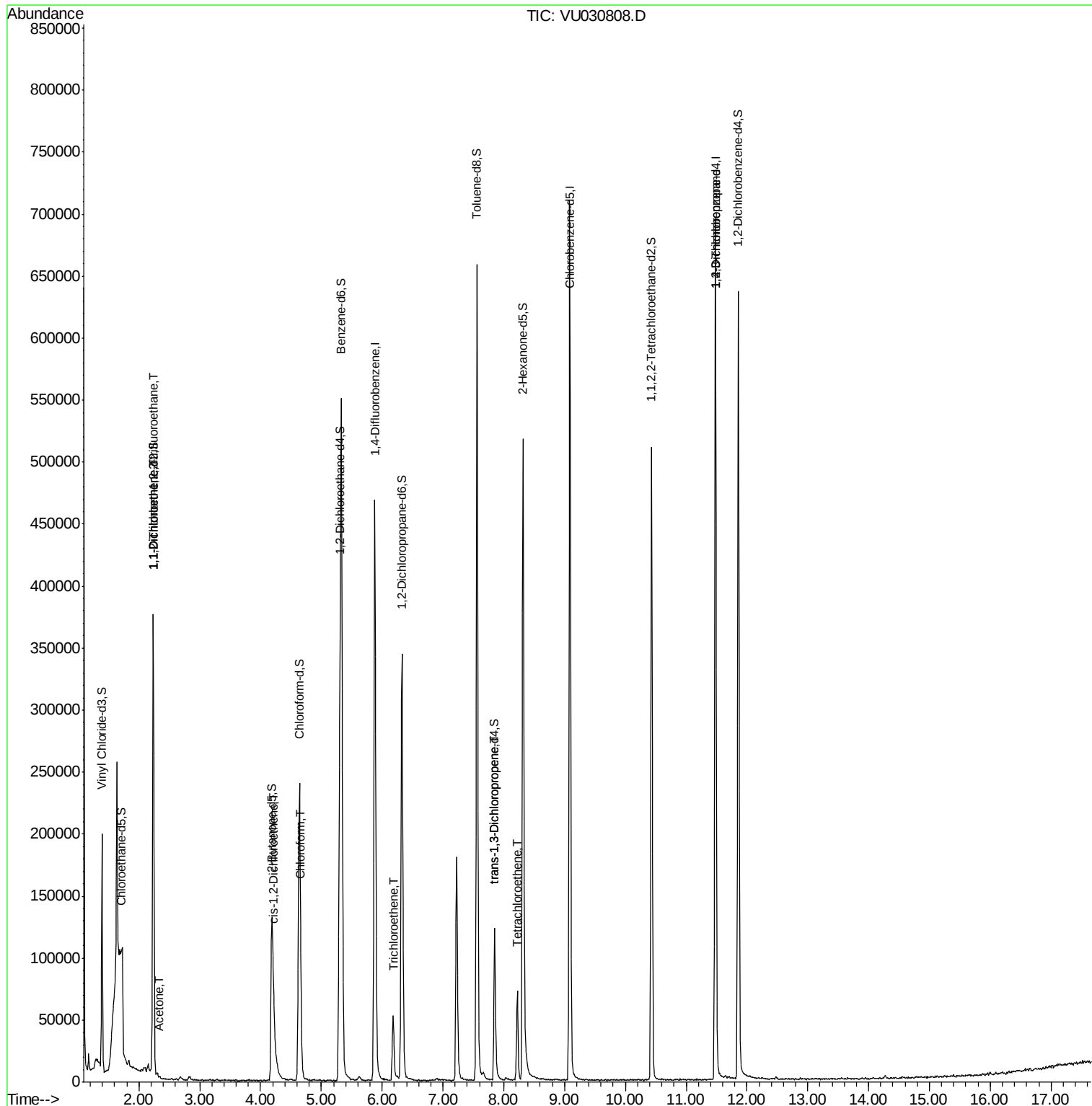
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2093	0.750	ug/L #	20
12) 1,1-Dichloroethene	2.24	96	1783	0.662	ug/L #	1
13) Acetone	2.34	43	1695	0.601	ug/L	56
20) cis-1,2-Dichloroethene	4.22	96	2230	0.706	ug/L #	57
25) Chloroform	4.67	83	14028	2.365	ug/L	98
34) Trichloroethene	6.18	95	18222	5.875	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3082	0.686	ug/L	94
46) Tetrachloroethene	8.22	164	15982	7.087	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	21694	5.058	ug/L	93

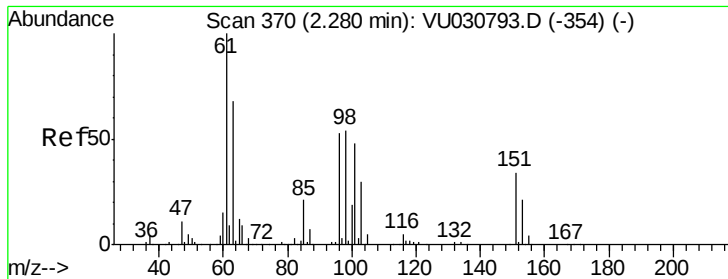
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030808.D
Acq On : 06 Apr 2019 18:12
Operator : JC/SP
Sample : K2277-10ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF173ME

Quant Time: Apr 08 05:06:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.750 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

BF173ME

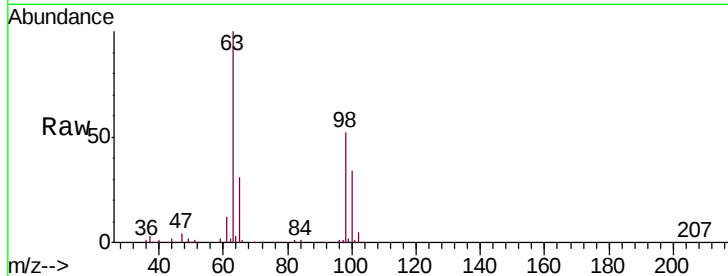
Tgt Ion:101 Resp: 2093

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

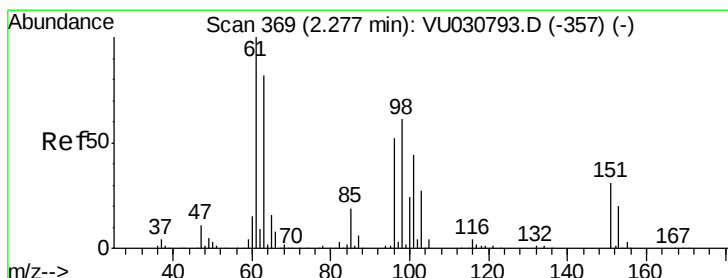
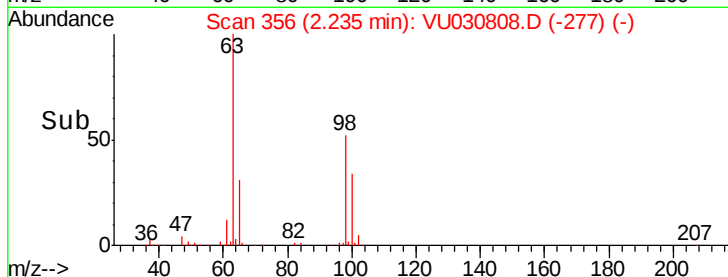
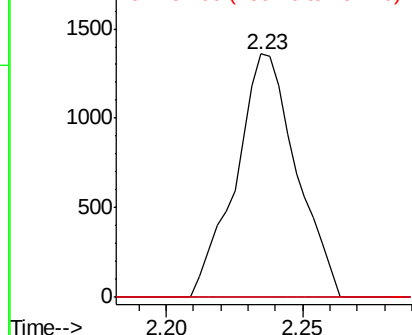
151 0.0 57.4 86.0#



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: 0.662 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

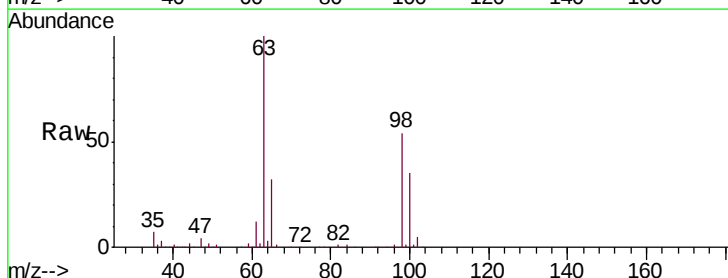
Tgt Ion: 96 Resp: 1783

Ion Ratio Lower Upper

96 100

61 1190.0 132.0 245.2#

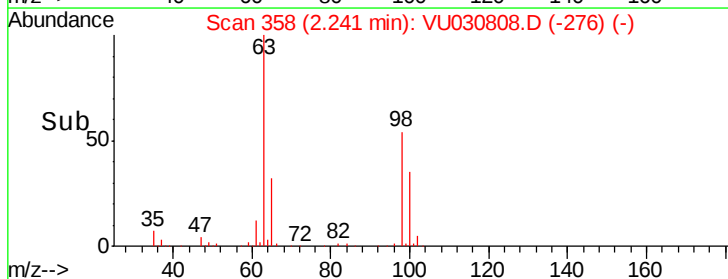
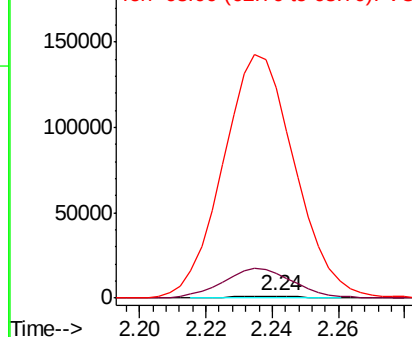
63 10241.9 90.9 168.9#

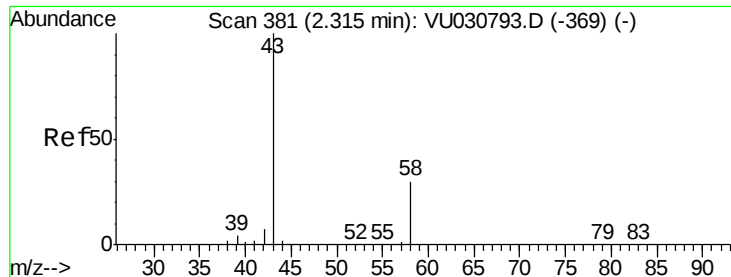


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.601 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

Instrument :

MSVOA_U

ClientSampled :

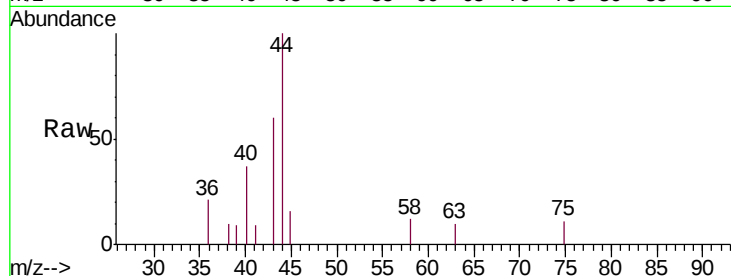
BF173ME

Tgt Ion: 43 Resp: 1695

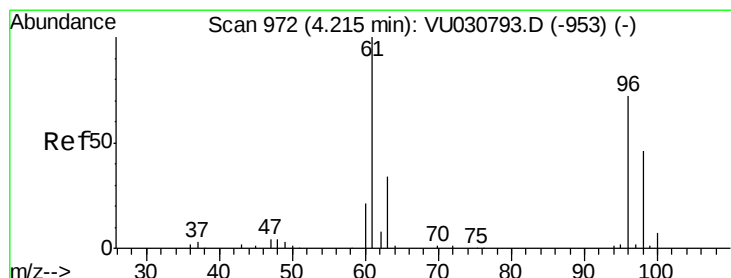
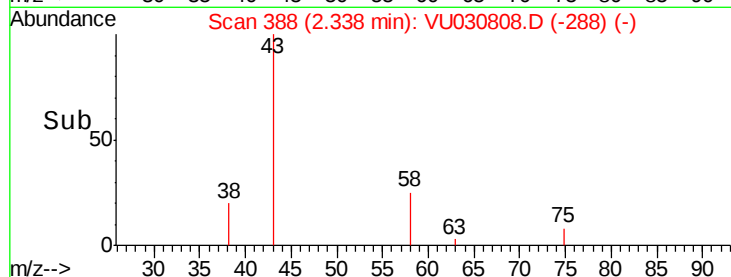
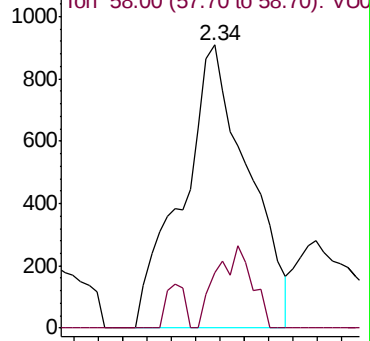
Ion Ratio Lower Upper

43 100

58 7.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030808.D (-288) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.706 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

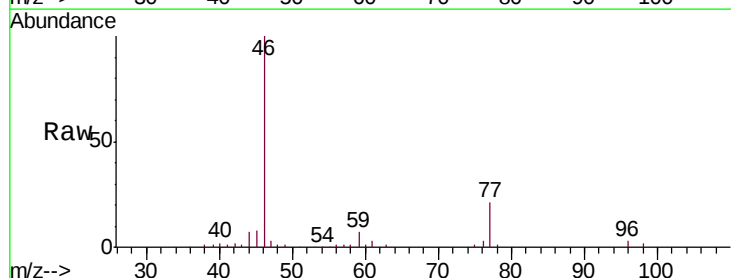
Tgt Ion: 96 Resp: 2230

Ion Ratio Lower Upper

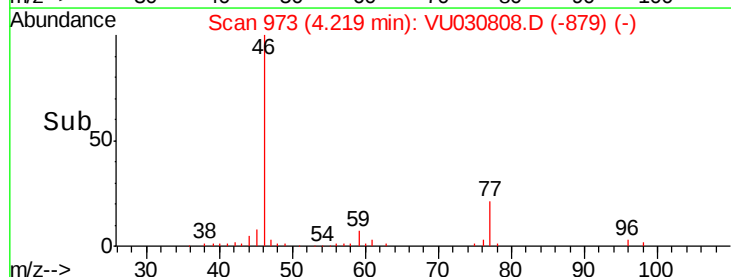
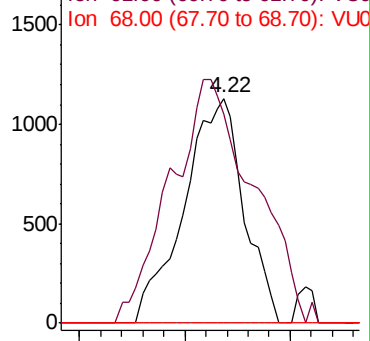
96 100

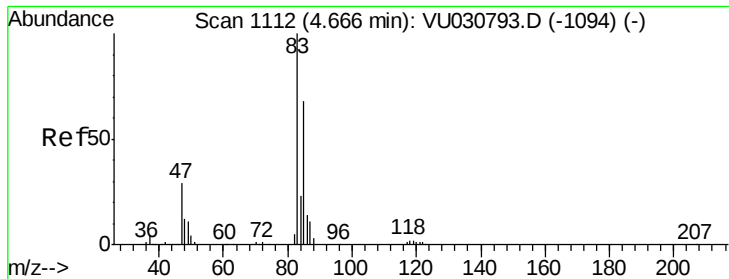
61 93.1 102.9 191.1#

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030808.D (-879) (-)

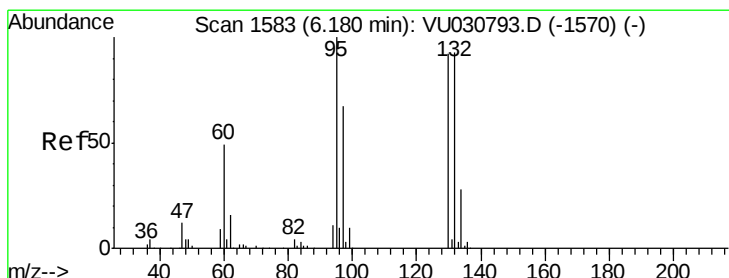
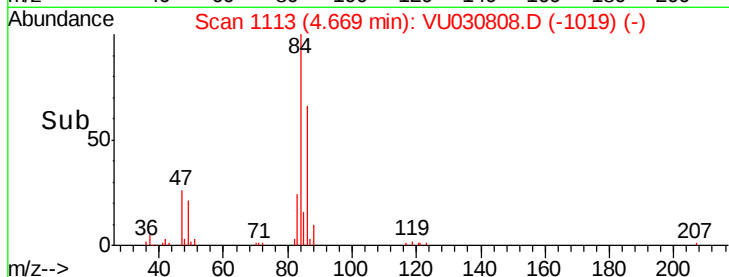
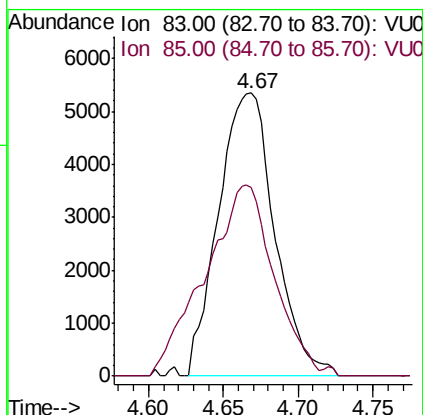
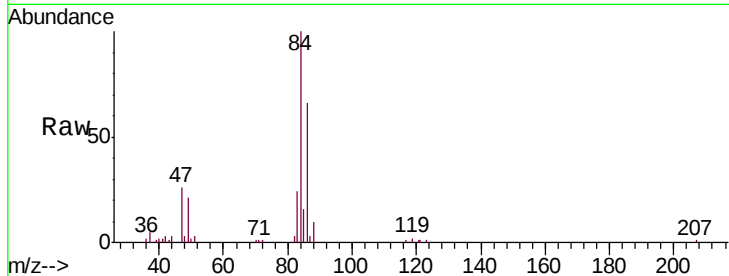




#25
Chloroform
Concen: 2.365 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030808.D
Acq: 06 Apr 2019 18:12

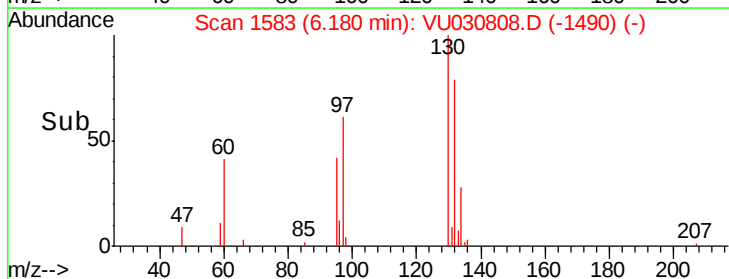
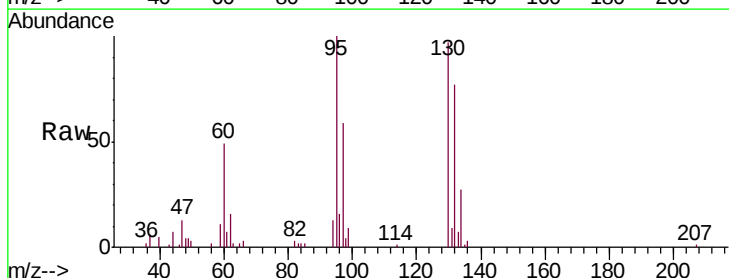
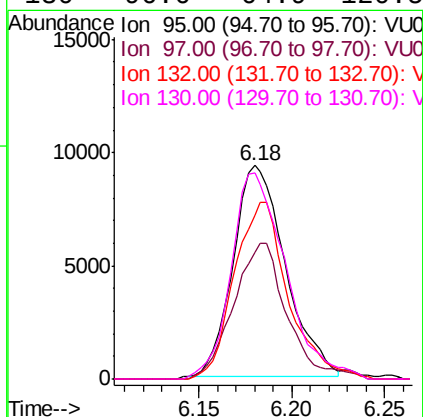
Instrument :
MSVOA_U
ClientSampleId :
BF173ME

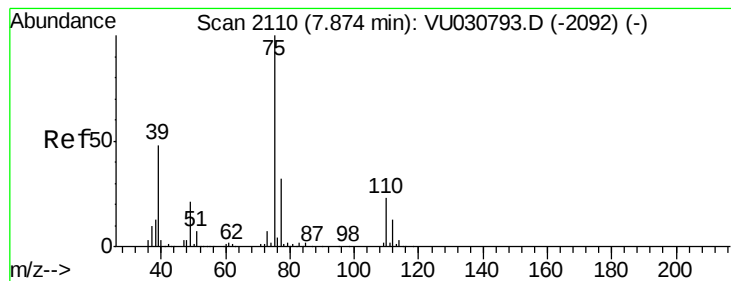
Tgt Ion: 83 Resp: 14028
Ion Ratio Lower Upper
83 100
85 66.9 45.8 85.0



#34
Trichloroethene
Concen: 5.875 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030808.D
Acq: 06 Apr 2019 18:12

Tgt Ion: 95 Resp: 18222
Ion Ratio Lower Upper
95 100
97 59.4 44.5 82.7
132 76.5 61.5 114.1
130 96.6 64.9 120.5





#44

trans-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

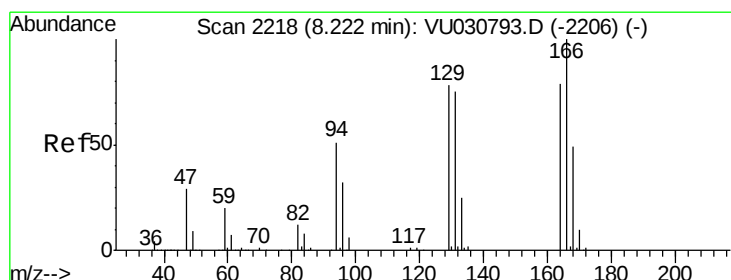
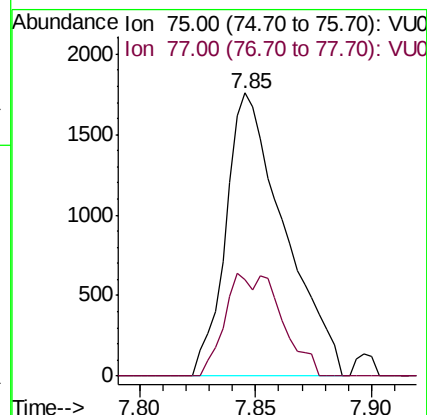
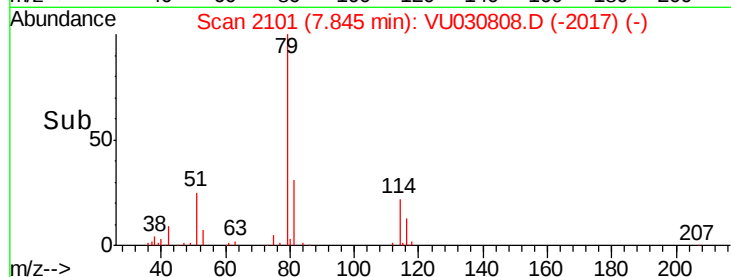
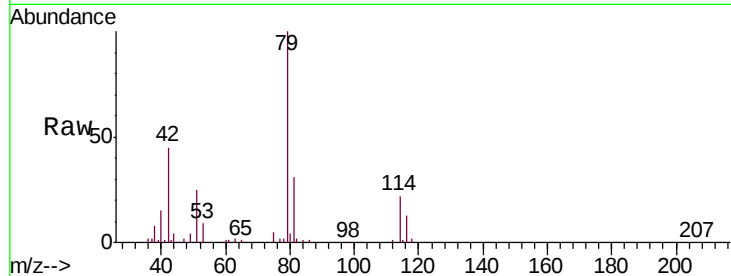
BF173ME

Tgt Ion: 75 Resp: 3082

Ion Ratio Lower Upper

75 100

77 34.2 21.6 40.0



#46

Tetrachloroethene

Concen: 7.087 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

Tgt Ion: 164 Resp: 15982

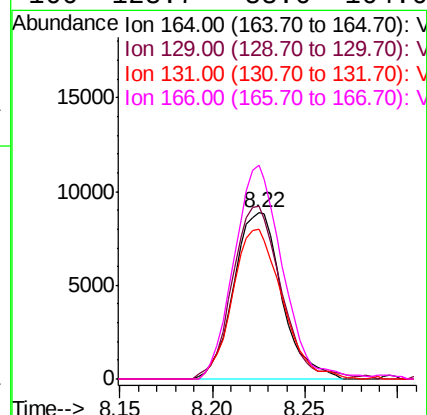
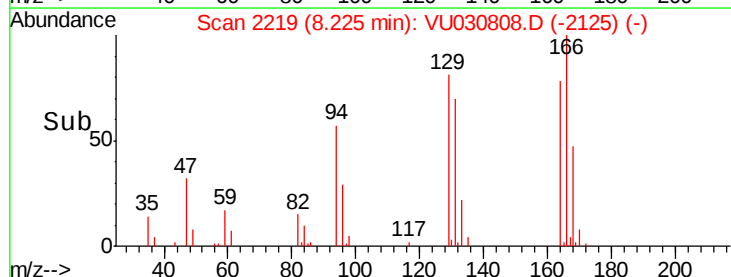
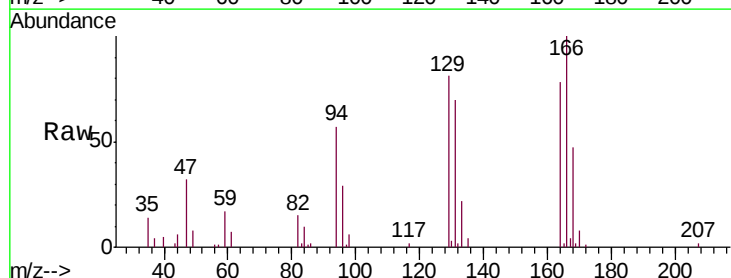
Ion Ratio Lower Upper

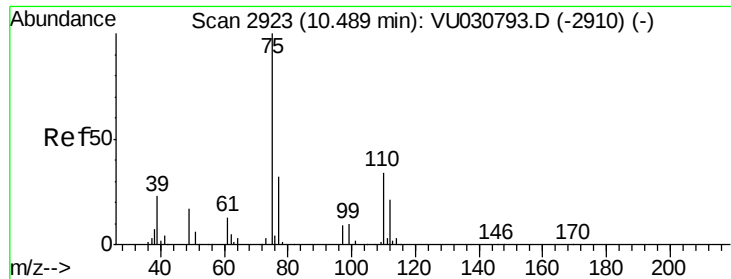
164 100

129 104.0 67.4 125.2

131 90.6 65.9 122.5

166 128.7 88.6 164.6





#59

1,2,3-Trichloropropane

Concen: 5.058 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030808.D

Acq: 06 Apr 2019 18:12

Instrument :

MSVOA_U

ClientSampleId :

BF173ME

Tgt Ion: 75 Resp: 21694

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1

