

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030023.D
 Acq On : 13 Mar 2019 12:04
 Operator : JC/SP
 Sample : K1838-13DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Quant Time: Mar 14 01:39:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486479	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468823	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152685	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.68	69	128488	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.27	63	210698	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.56%
21) 2-Butanone-d5	4.17	46	238942	99.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.11%
24) Chloroform-d	4.65	84	281643	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.31	65	171654	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.34	84	605684	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.33	67	191623	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.56	98	557942	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%
43) trans-1,3-Dichloropropene-	7.85	79	86412	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.31	63	204856	99.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278853	49.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	220452	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

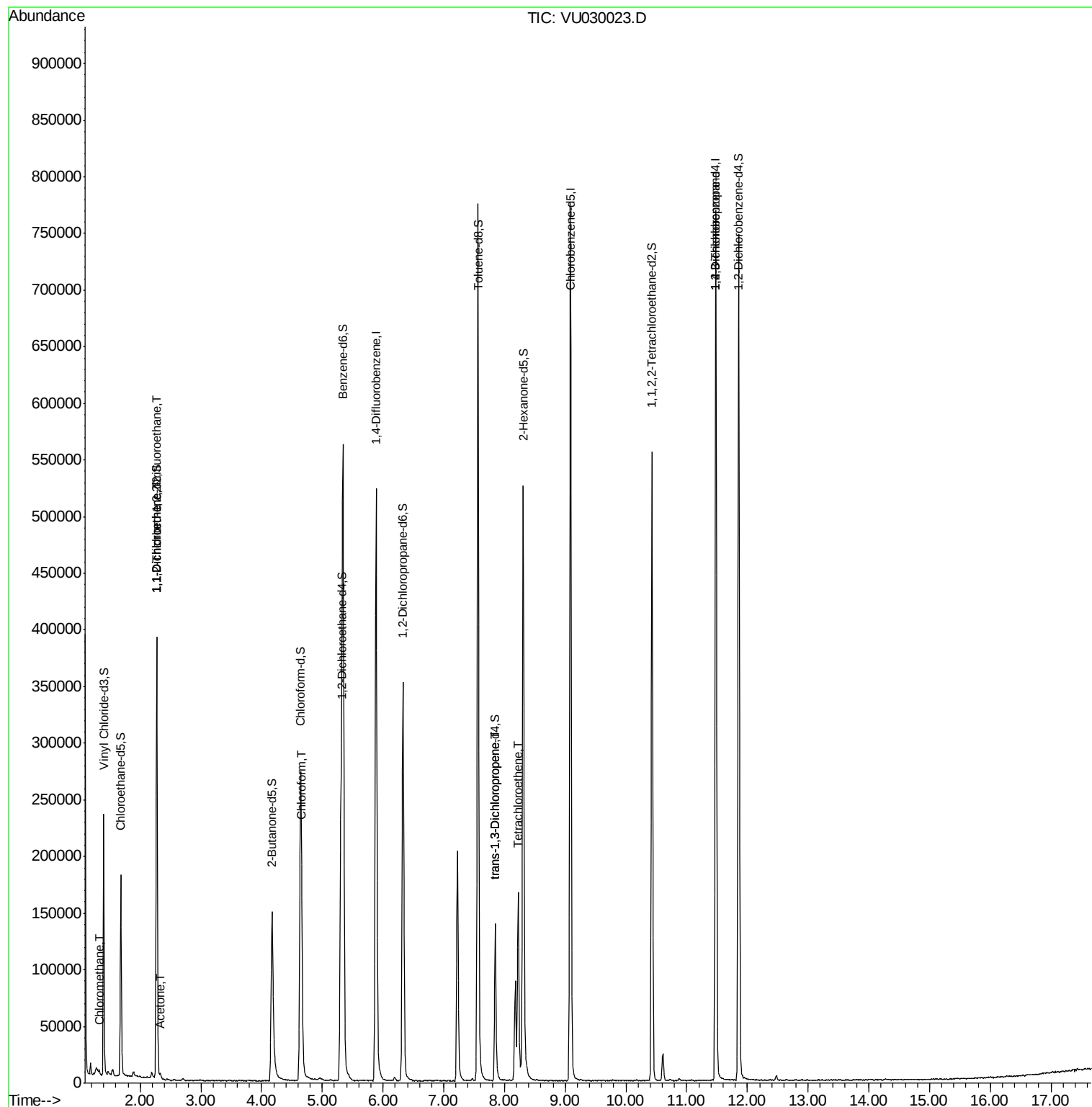
					Qvalue
3) Chloromethane	1.33	50	2397	0.707 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2307	0.722 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	2175	0.713 ug/L #	1
13) Acetone	2.32	43	2110	0.749 ug/L	99
25) Chloroform	4.67	83	15086	2.521 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	3133	0.625 ug/L	83
46) Tetrachloroethene	8.22	164	40128	13.041 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	23612	5.138 ug/L	98

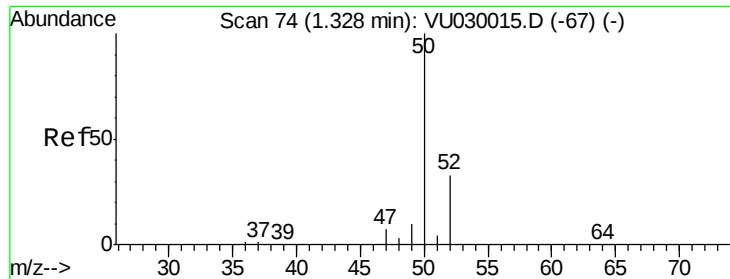
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.707 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030023.D

Acq: 13 Mar 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

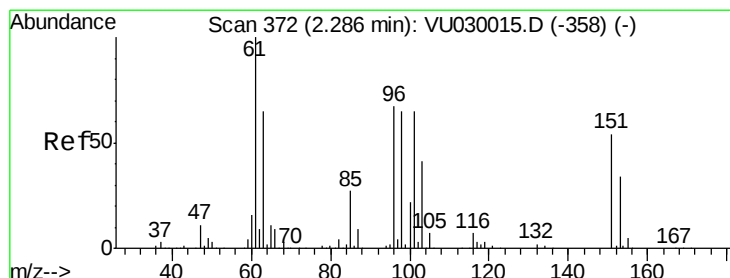
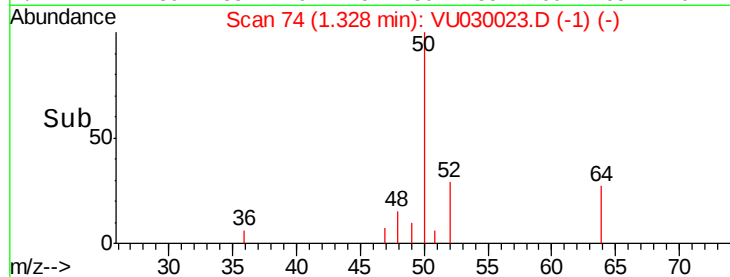
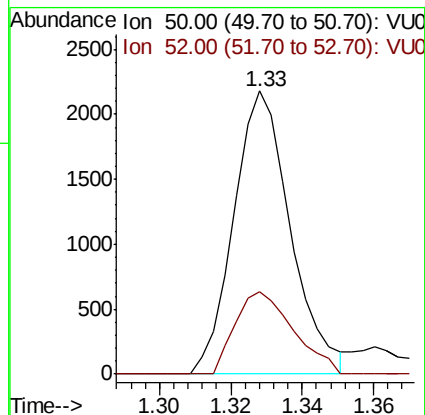
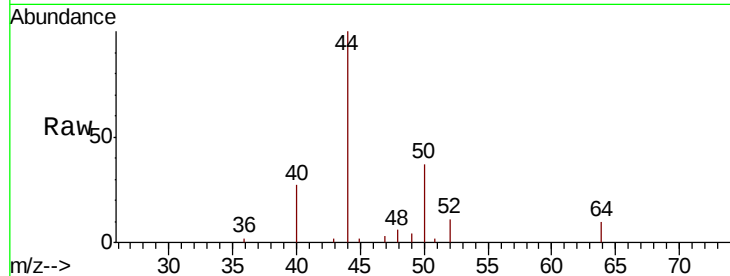
BF1B2DL

Tgt Ion: 50 Resp: 2397

Ion Ratio Lower Upper

50 100

52 29.0 23.4 43.6



#10

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

Concen: 0.722 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030023.D

Acq: 13 Mar 2019 12:04

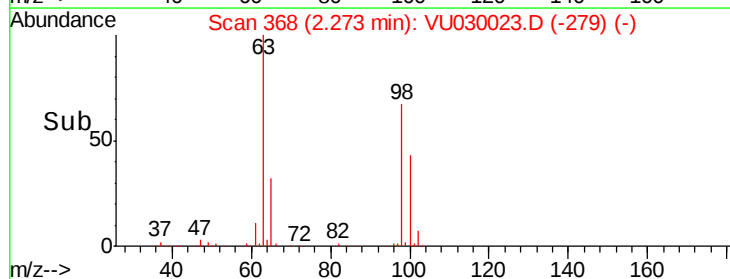
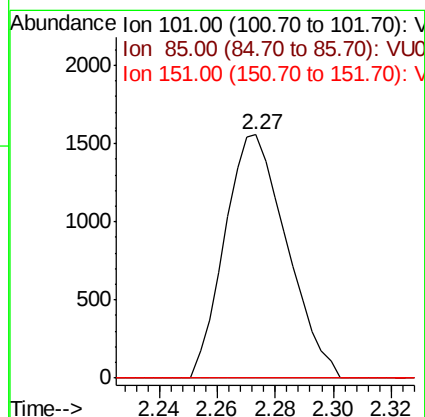
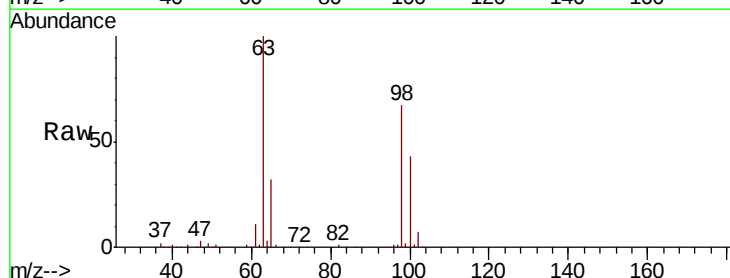
Tgt Ion: 101 Resp: 2307

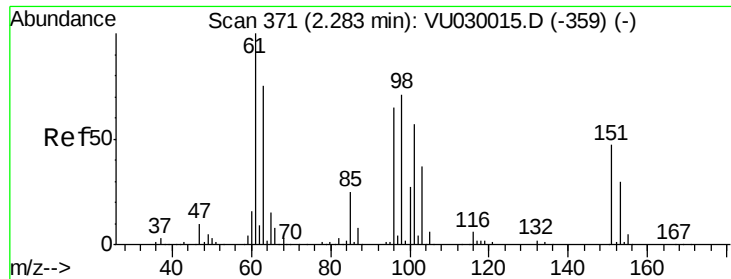
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#

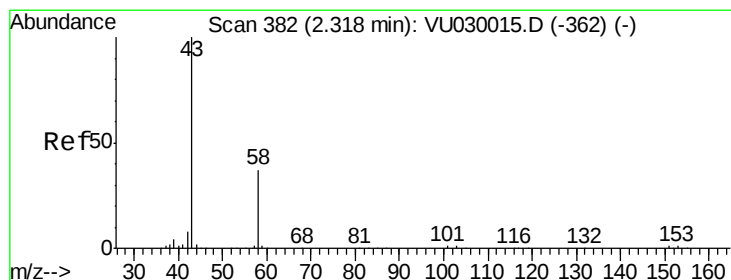
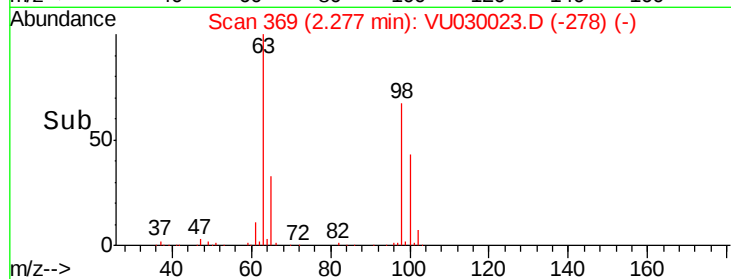
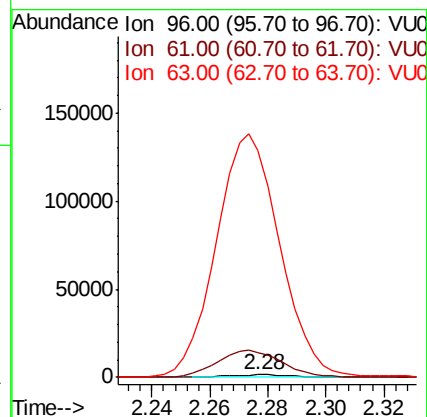
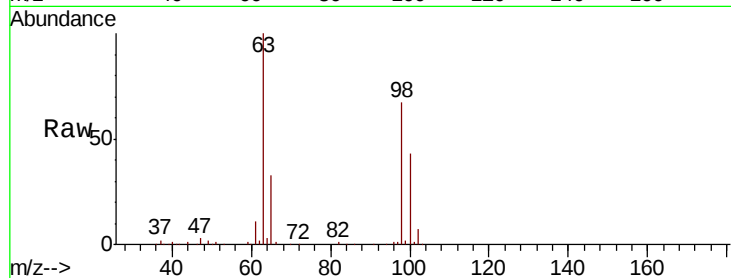




#12
 1,1-Dichloroethene
 Concen: 0.713 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU030023.D
 Acq: 13 Mar 2019 12:04

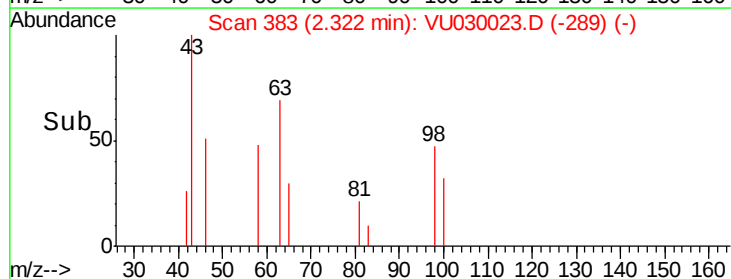
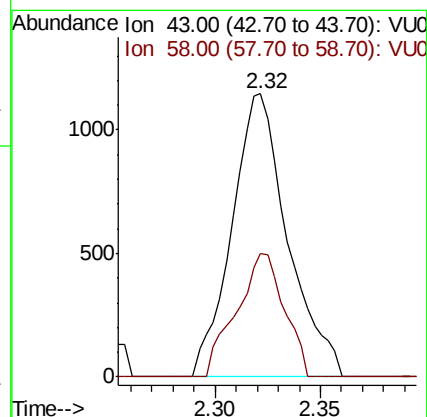
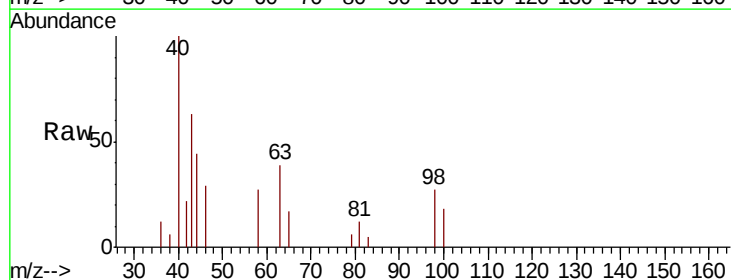
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

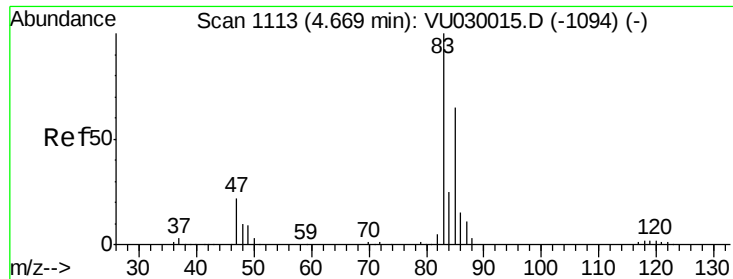
Tgt Ion: 96 Resp: 2175
 Ion Ratio Lower Upper
 96 100
 61 1028.4 110.4 205.0#
 63 9275.7 86.5 160.7#



#13
 Acetone
 Concen: 0.749 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030023.D
 Acq: 13 Mar 2019 12:04

Tgt Ion: 43 Resp: 2110
 Ion Ratio Lower Upper
 43 100
 58 37.3 0.0 73.0

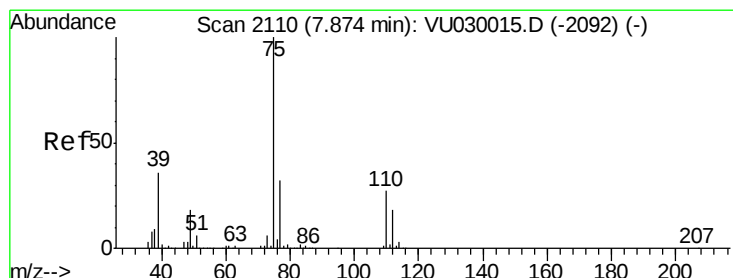
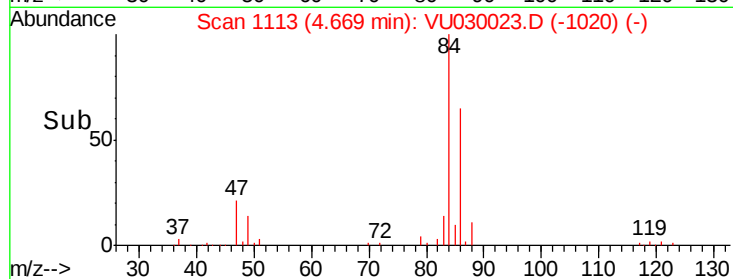
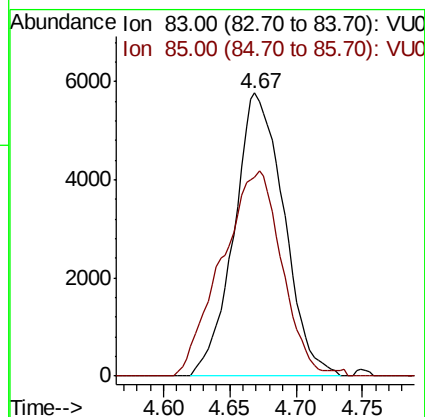
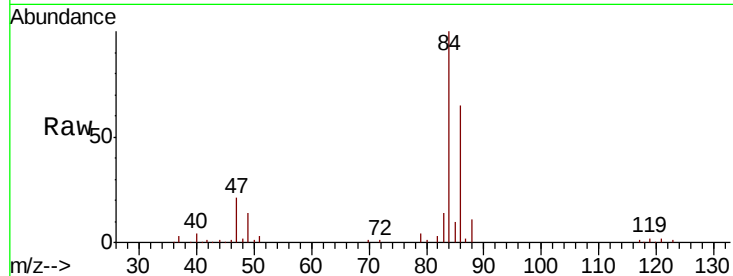




#25
Chloroform
Concen: 2.521 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030023.D
Acq: 13 Mar 2019 12:04

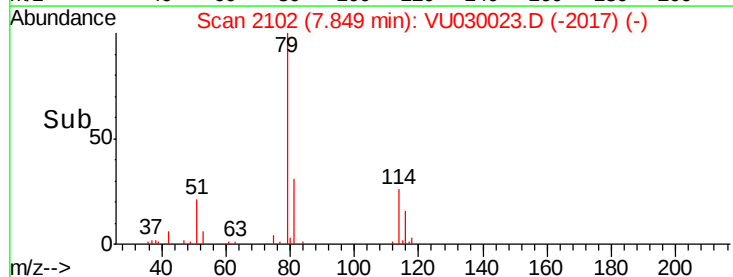
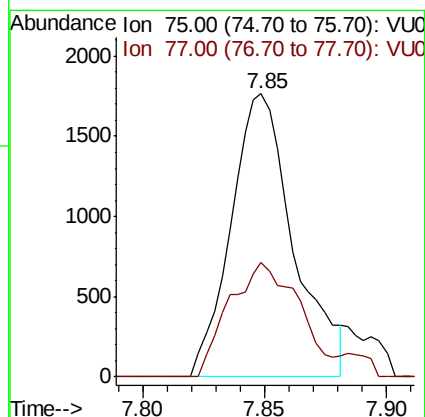
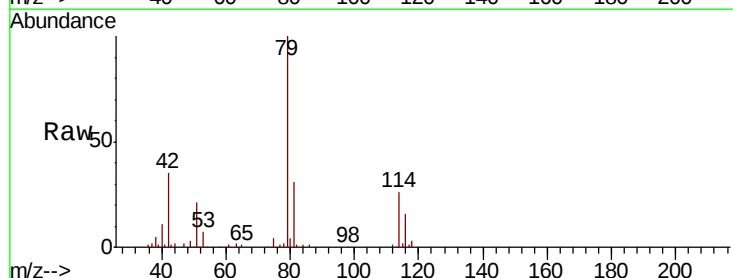
Instrument :
MSVOA_U
ClientSampleId :
BF1B2DL

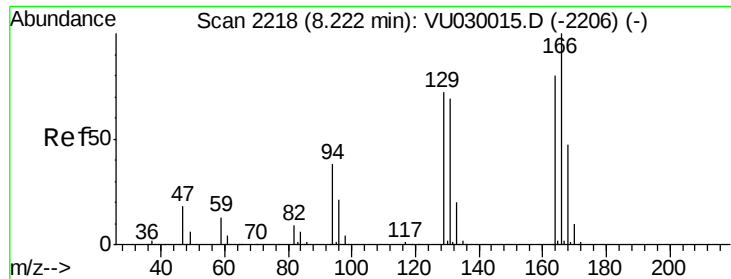
Tgt Ion: 83 Resp: 15086
Ion Ratio Lower Upper
83 100
85 70.4 44.9 83.5



#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030023.D
Acq: 13 Mar 2019 12:04

Tgt Ion: 75 Resp: 3133
Ion Ratio Lower Upper
75 100
77 40.6 21.9 40.7





#46

Tetrachloroethene

Concen: 13.041 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030023.D

Acq: 13 Mar 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

BF1B2DL

Tgt Ion:164 Resp: 40128

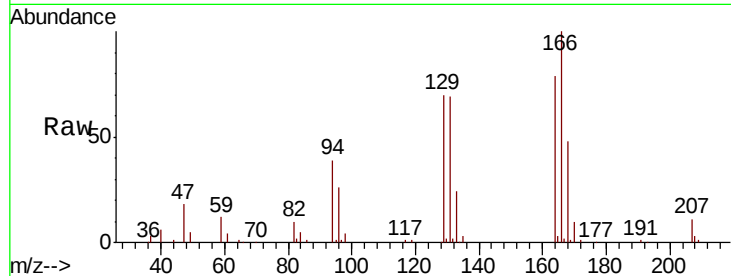
Ion Ratio Lower Upper

164 100

129 88.7 63.3 117.7

131 87.3 62.0 115.2

166 126.2 90.5 168.1

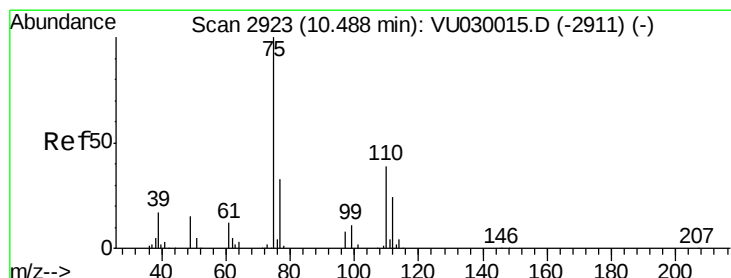
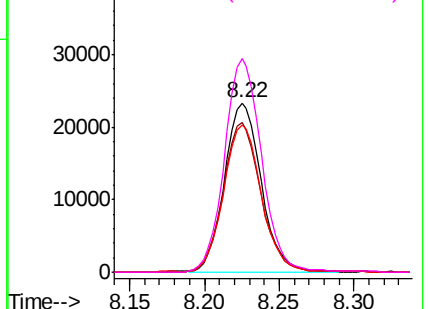
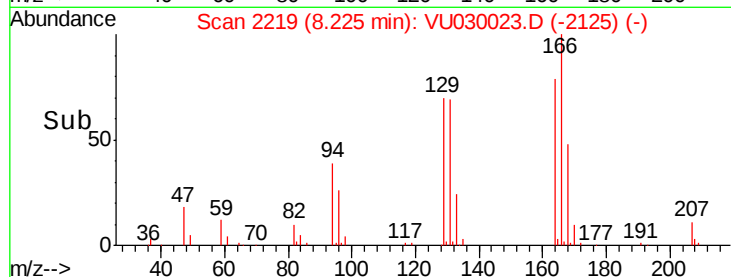


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.138 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030023.D

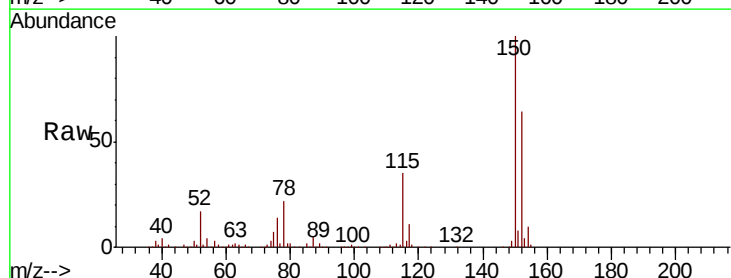
Acq: 13 Mar 2019 12:04

Tgt Ion: 75 Resp: 23612

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

