

Data File : VU030227.D
Acq On : 20 Mar 2019 17:06
Operator : JC/SP
Sample : K2017-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G8

Quant Time: Mar 22 01:30:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519051	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	172424	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.68	69	142496	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.54%
11) 1,1-Dichloroethene-d2	2.27	63	236805	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	4.18	46	261713	100.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.51%
24) Chloroform-d	4.65	84	306032	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
26) 1,2-Dichloroethane-d4	5.31	65	182452	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.34	84	671458	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.33	67	208581	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.72%
41) Toluene-d8	7.56	98	612132	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	7.85	79	95756	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
47) 2-Hexanone-d5	8.31	63	212308	99.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305165	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	239182	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

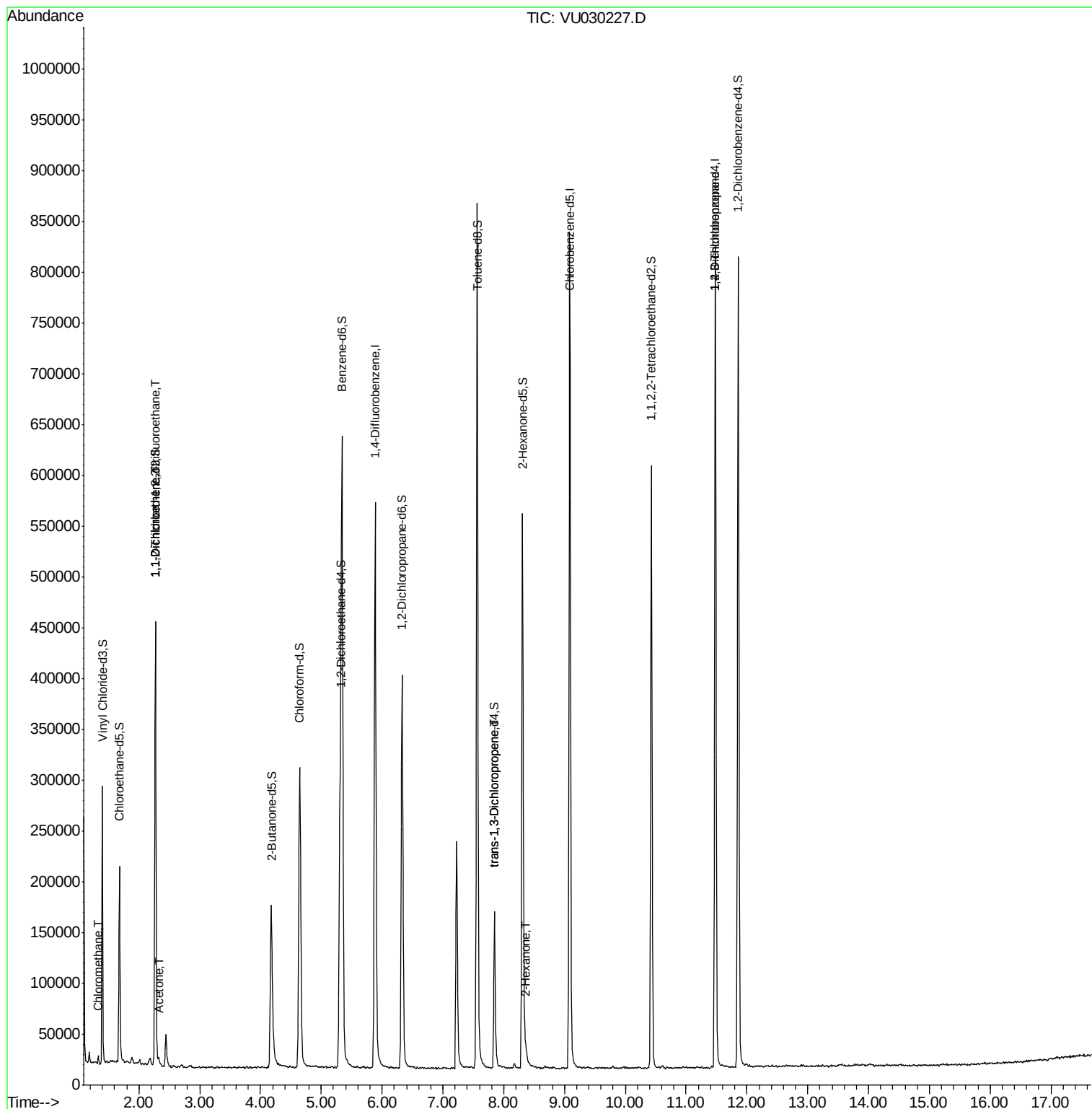
					Qvalue
3) Chloromethane	1.33	50	5228	1.229 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2609	0.748 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2010	0.580 ug/L #	1
13) Acetone	2.32	43	4549	1.672 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3462	0.671 ug/L #	77
48) 2-Hexanone	8.37	43	4916	1.160 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	24112	4.800 ug/L	98

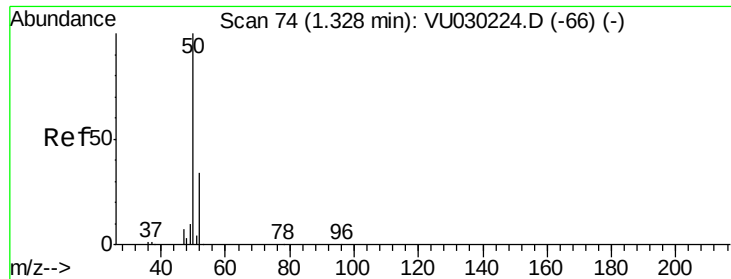
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.229 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030227.D

Acq: 20 Mar 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

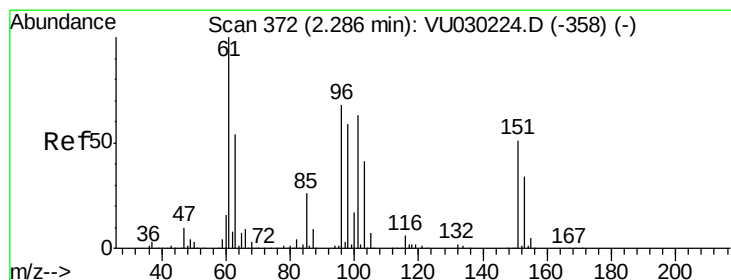
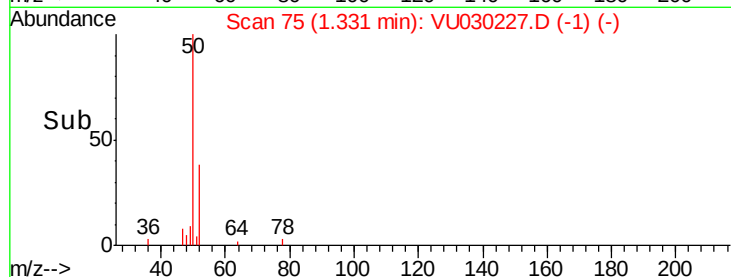
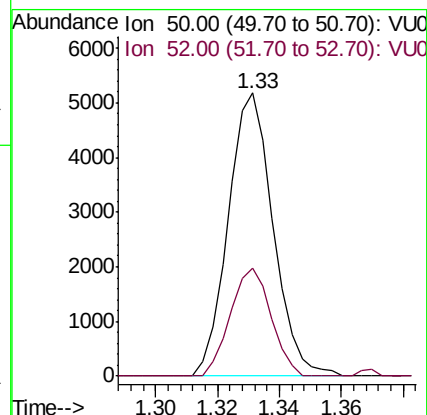
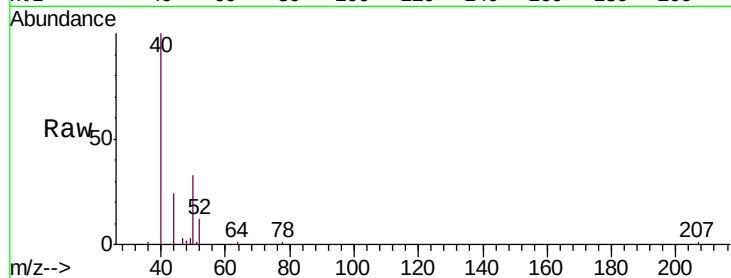
BF1G8

Tgt Ion: 50 Resp: 5228

Ion Ratio Lower Upper

50 100

52 38.2 23.4 43.6



#10

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

Concen: 0.748 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030227.D

Acq: 20 Mar 2019 17:06

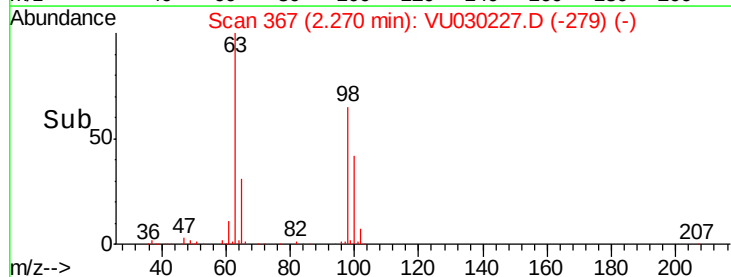
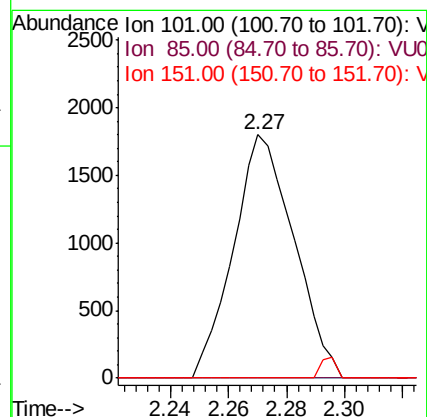
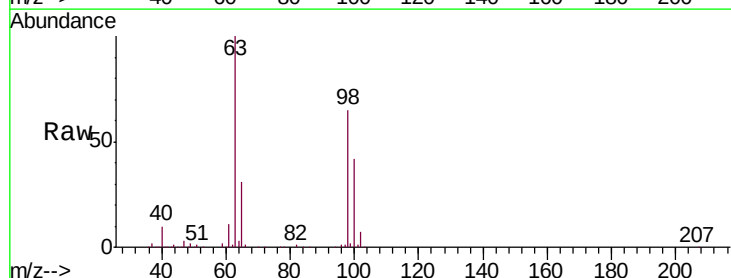
Tgt Ion: 101 Resp: 2609

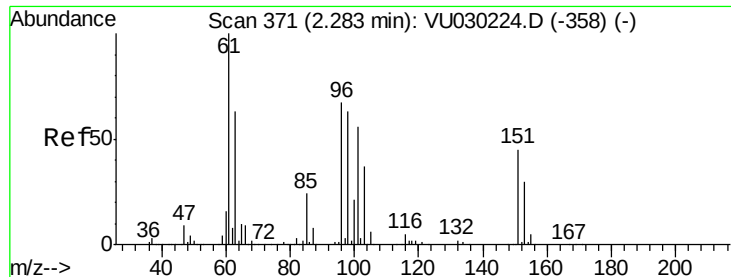
Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 2.1 64.7 97.1#

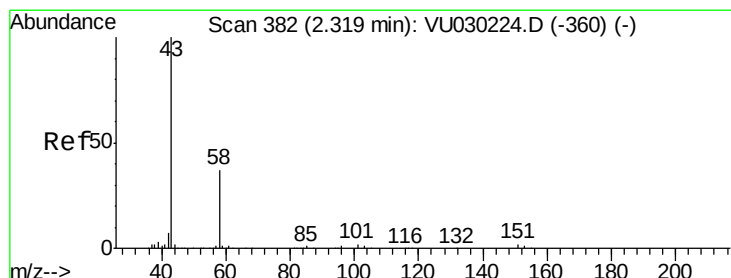
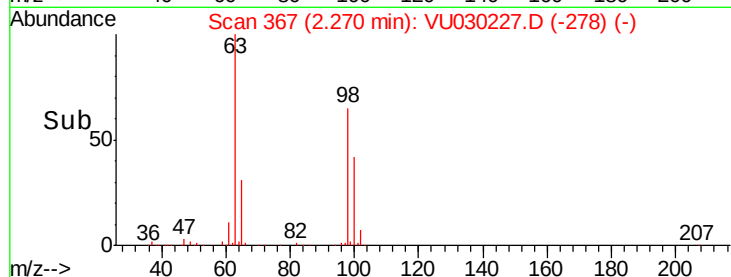
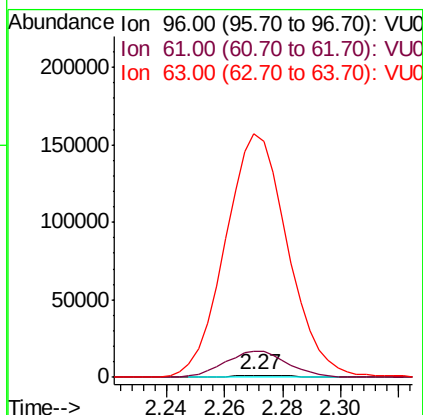
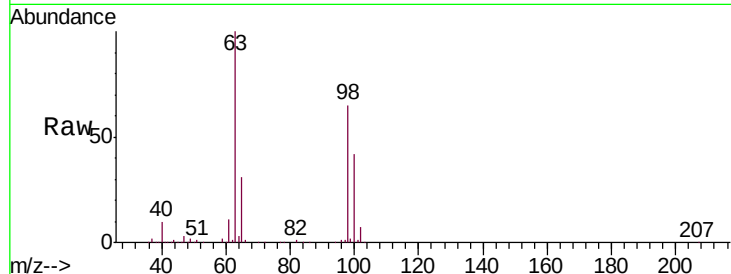




#12
 1,1-Dichloroethene
 Concen: 0.580 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU030227.D
 Acq: 20 Mar 2019 17:06

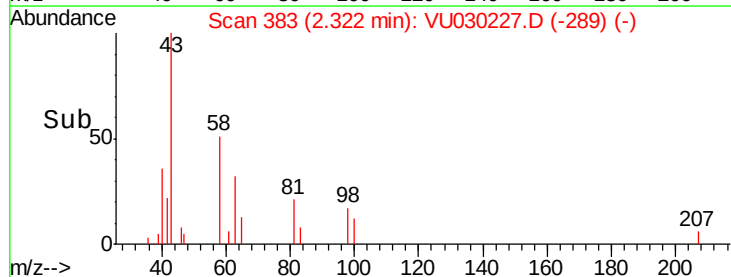
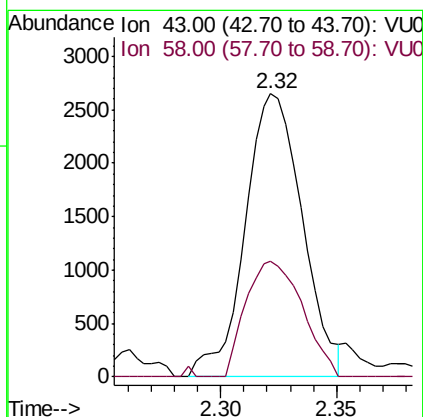
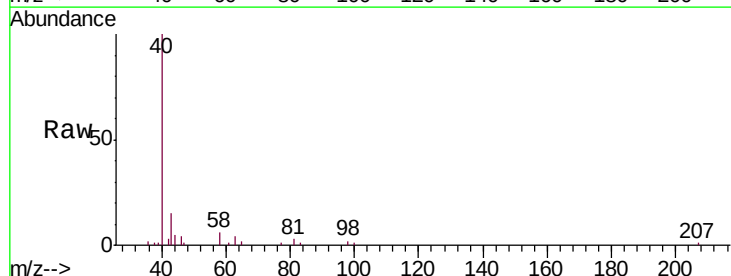
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1G8

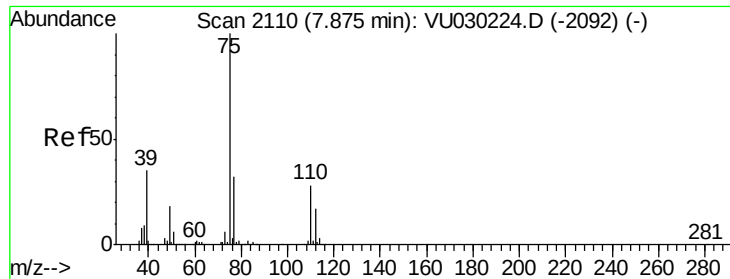
Tgt Ion: 96 Resp: 2010
 Ion Ratio Lower Upper
 96 100
 61 1373.2 104.6 194.2#
 63 12691.4 77.2 143.4#



#13
 Acetone
 Concen: 1.672 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030227.D
 Acq: 20 Mar 2019 17:06

Tgt Ion: 43 Resp: 4549
 Ion Ratio Lower Upper
 43 100
 58 40.3 0.0 73.4

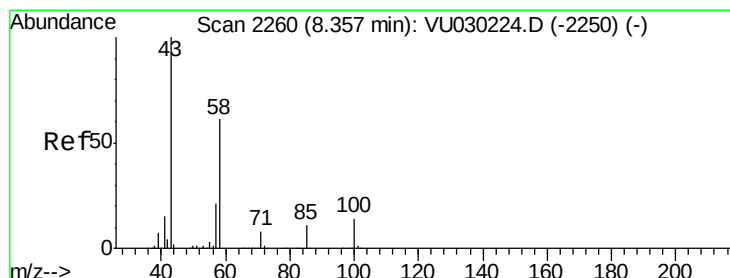
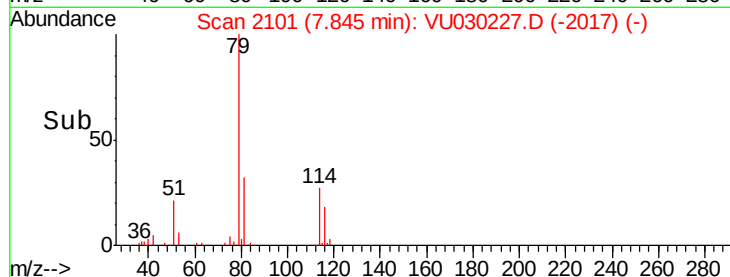
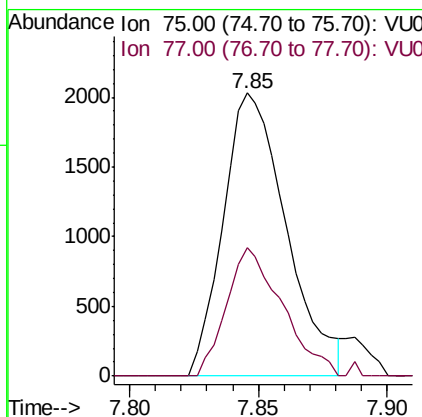
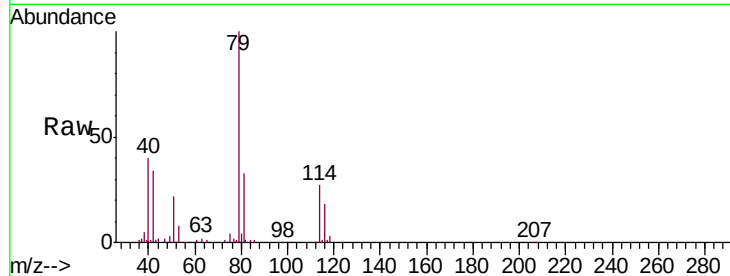




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030227.D
Acq: 20 Mar 2019 17:06

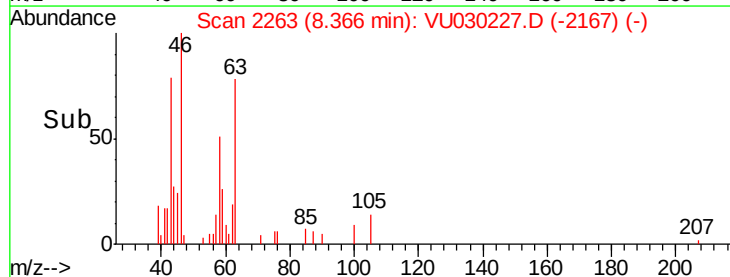
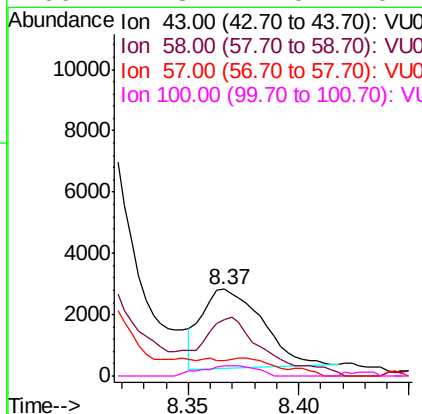
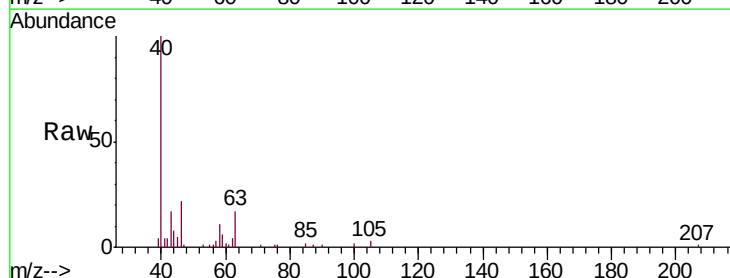
Instrument :
MSVOA_U
ClientSampleId :
BF1G8

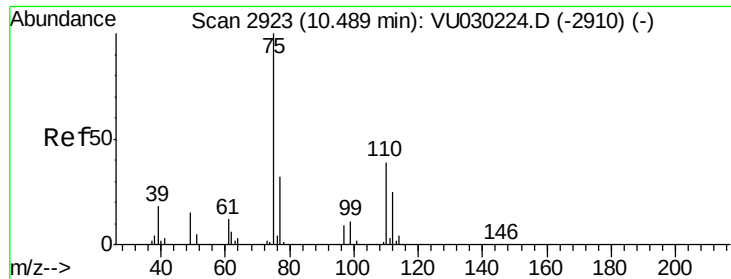
Tgt Ion: 75 Resp: 3462
Ion Ratio Lower Upper
75 100
77 45.3 22.7 42.1#



#48
2-Hexanone
Concen: 1.160 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030227.D
Acq: 20 Mar 2019 17:06

Tgt Ion: 43 Resp: 4916
Ion Ratio Lower Upper
43 100
58 69.0 49.3 73.9
57 7.6 17.0 25.4#
100 11.8 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 4.800 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030227.D

Acq: 20 Mar 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

BF1G8

Tgt Ion: 75 Resp: 24112

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.8

