

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030683.D
 Acq On : 04 Apr 2019 13:46
 Operator : JC/SP
 Sample : K2218-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF633

Quant Time: Apr 04 14:06:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	204629	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	204757	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.68	69	165990	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.26%
11) 1,1-Dichloroethene-d2	2.27	63	291834	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.06%
21) 2-Butanone-d5	4.17	46	369002	99.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	4.64	84	305471	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.31	65	219672	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
32) Benzene-d6	5.34	84	668777	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.32	67	232317	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.56	98	581990	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	7.85	79	101599	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.31	63	224987	88.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317471	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	200012	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

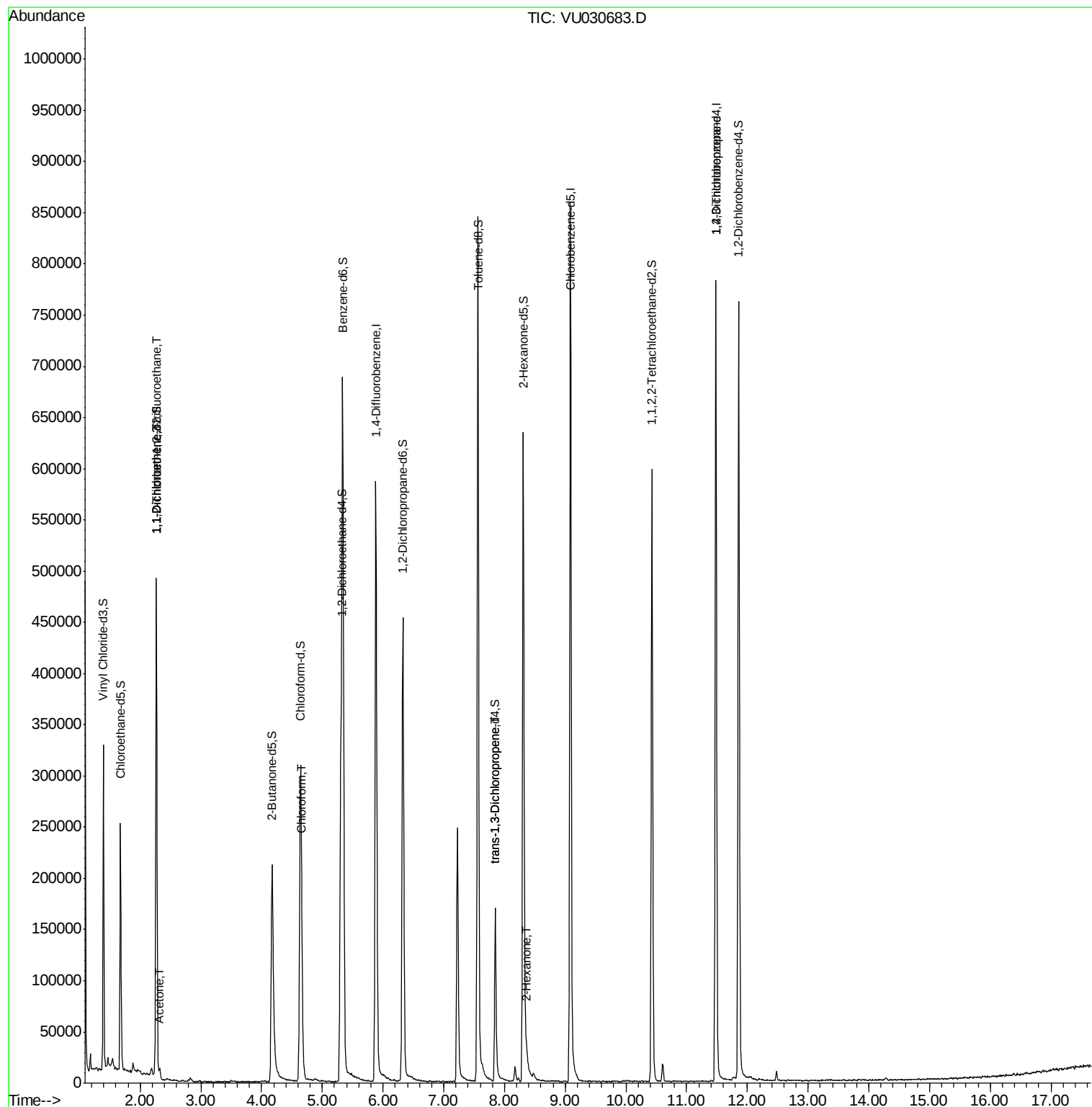
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2361	0.660 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	2069	0.590 ug/L #	1
13) Acetone	2.32	43	8614	2.299 ug/L	94
25) Chloroform	4.67	83	30142	4.203 ug/L	94
44) trans-1,3-Dichloropropene	7.84	75	4269	0.735 ug/L	87
48) 2-Hexanone	8.37	43	10657	1.685 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	26328	4.708 ug/L	89

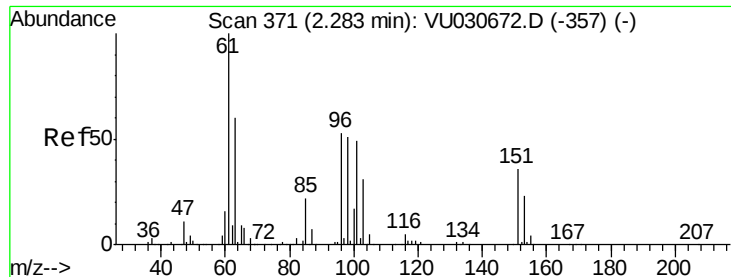
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030683.D
Acq On : 04 Apr 2019 13:46
Operator : JC/SP
Sample : K2218-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF633

Quant Time: Apr 04 14:06:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.660 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030683.D

Acq: 04 Apr 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

BF633

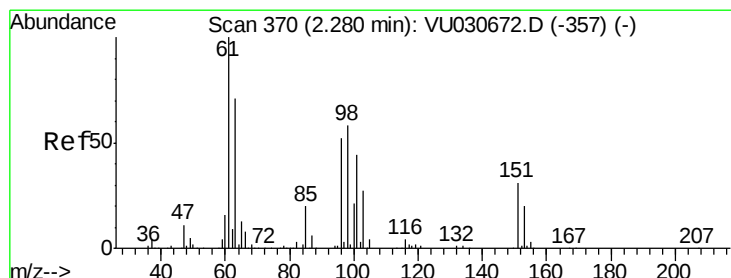
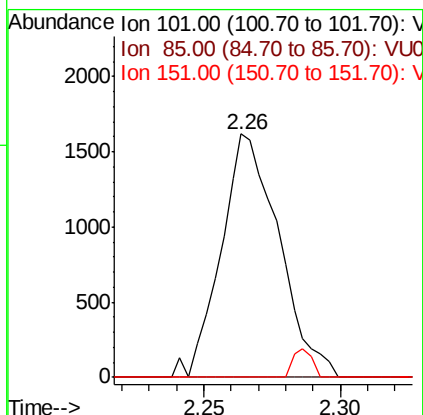
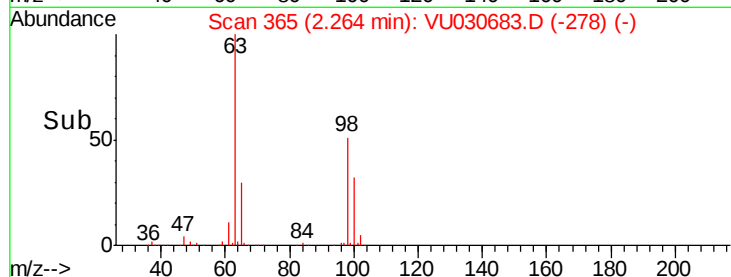
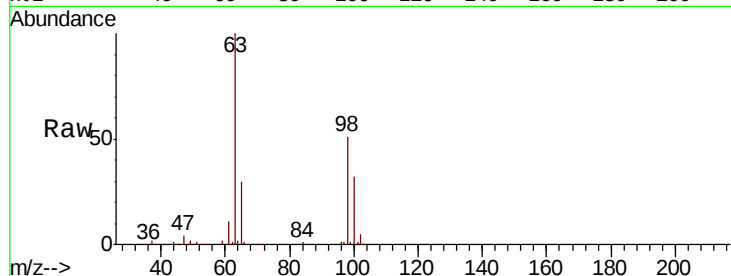
Tgt Ion: 101 Resp: 2361

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 4.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030683.D

Acq: 04 Apr 2019 13:46

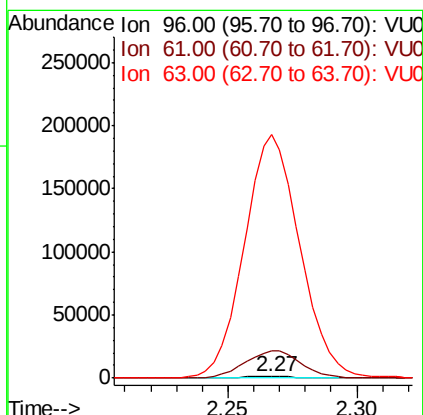
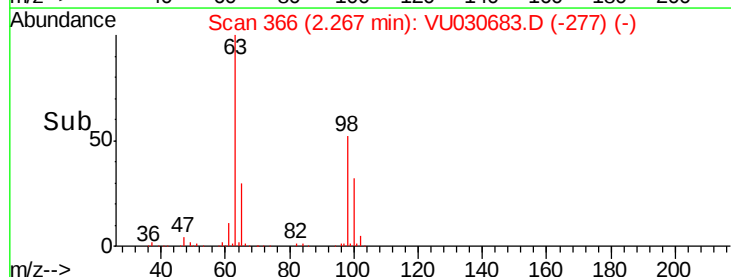
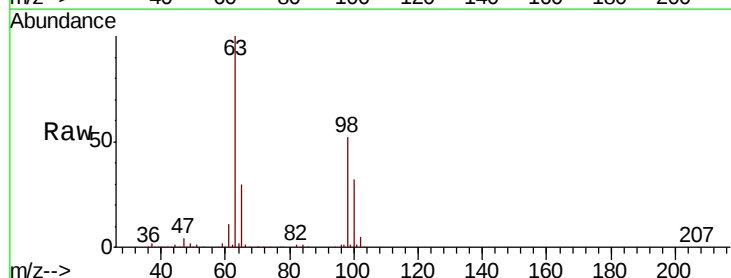
Tgt Ion: 96 Resp: 2069

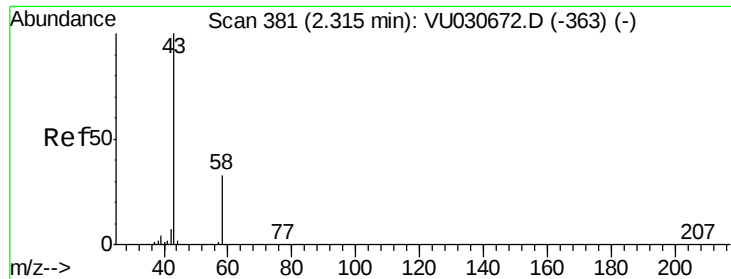
Ion Ratio Lower Upper

96 100

61 1759.6 131.0 243.4#

63 15649.6 92.4 171.6#





#13

Acetone

Concen: 2.299 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU030683.D

Acq: 04 Apr 2019 13:46

Instrument :

MSVOA_U

ClientSampled :

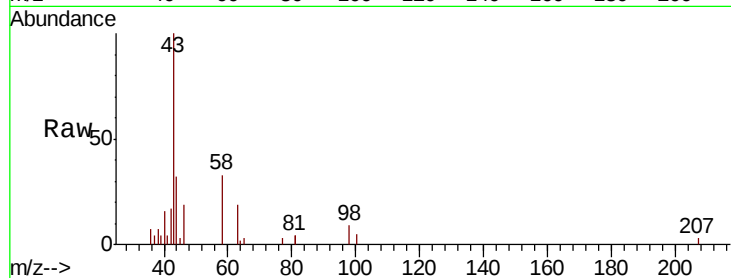
BF633

Tgt Ion: 43 Resp: 8614

Ion Ratio Lower Upper

43 100

58 27.9 0.0 62.8

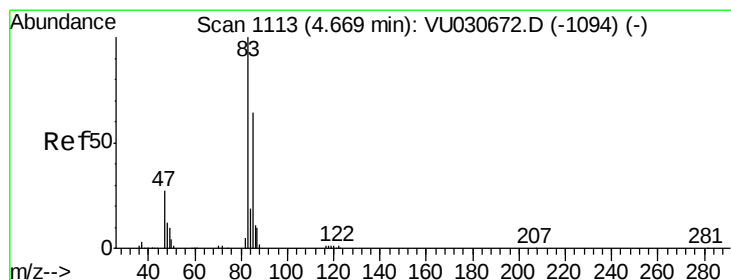
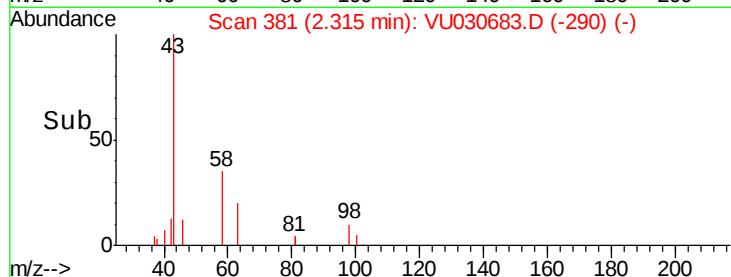


Abundance Ion 43.00 (42.70 to 43.70): VU030672.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030672.D (-363) (-)

2.32

Time-->



#25

Chloroform

Concen: 4.203 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030683.D

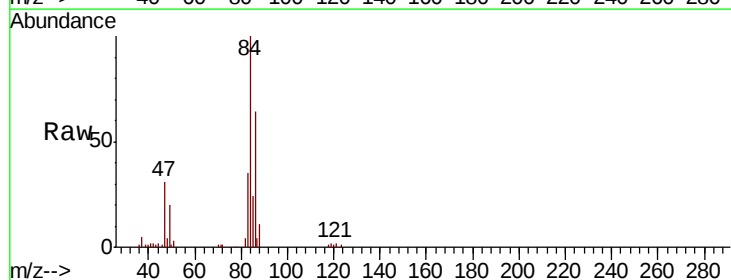
Acq: 04 Apr 2019 13:46

Tgt Ion: 83 Resp: 30142

Ion Ratio Lower Upper

83 100

85 67.8 44.4 82.4

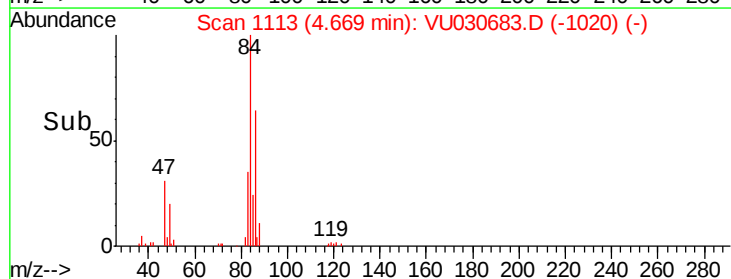


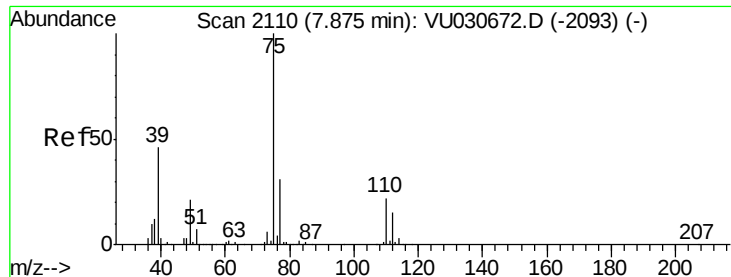
Abundance Ion 83.00 (82.70 to 83.70): VU030672.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030672.D (-1094) (-)

4.67

Time-->

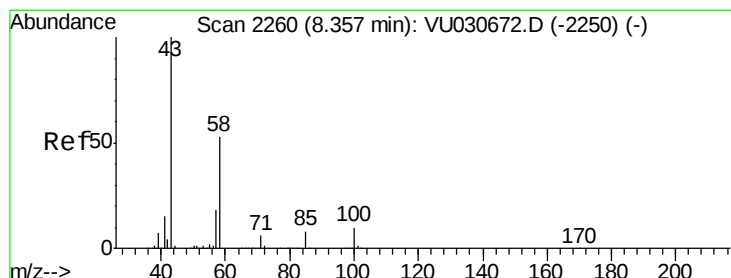
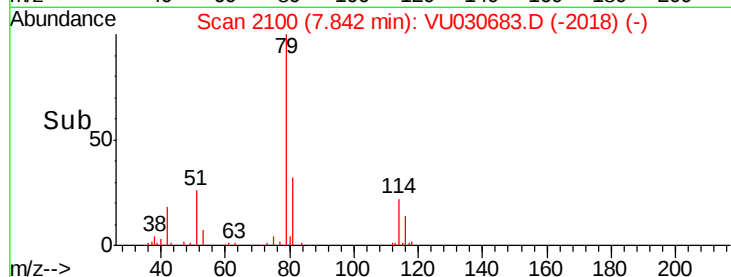
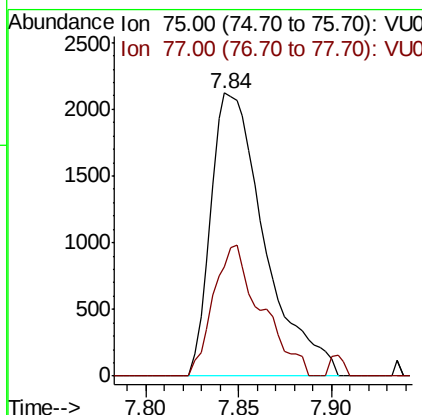
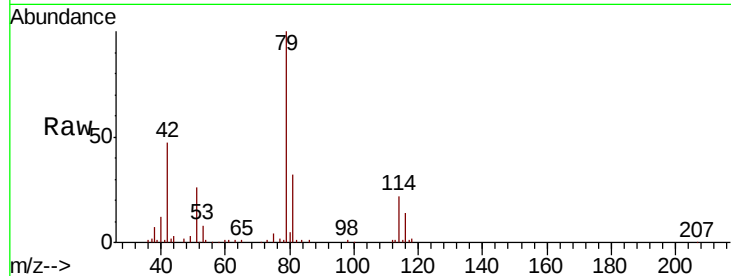




#44
trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.04 min
Lab File: VU030683.D
Acq: 04 Apr 2019 13:46

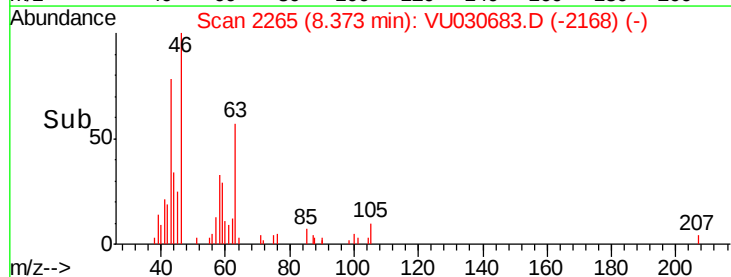
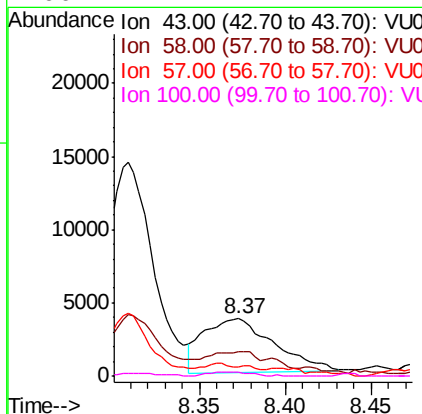
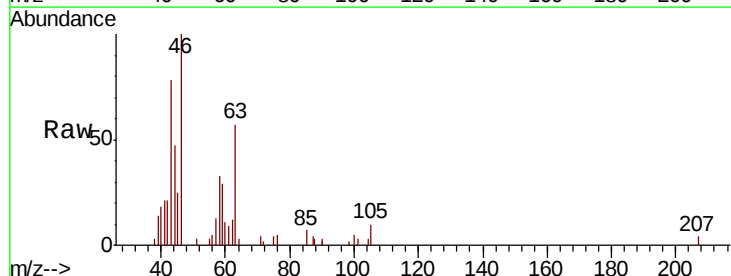
Instrument :
MSVOA_U
ClientSampleId :
BF633

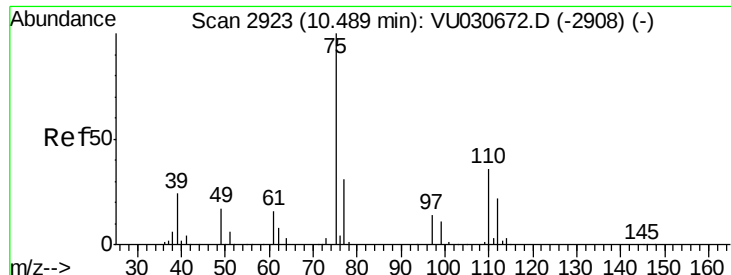
Tgt Ion: 75 Resp: 4269
Ion Ratio Lower Upper
75 100
77 38.7 22.0 40.8



#48
2-Hexanone
Concen: 1.685 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU030683.D
Acq: 04 Apr 2019 13:46

Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
58 11.7 42.5 63.7#
57 3.0 15.0 22.6#
100 4.4 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.708 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030683.D

Acq: 04 Apr 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

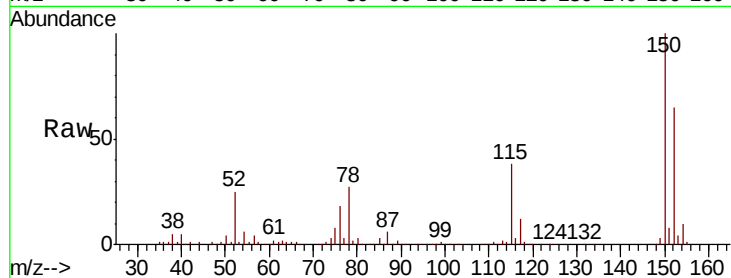
BF633

Tgt Ion: 75 Resp: 26328

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

