

Data File : VU030824.D
Acq On : 07 Apr 2019 00:44
Operator : JC/SP
Sample : K2277-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C2

Quant Time: Apr 08 07:08:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464294	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217637	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.02%
7) Chloroethane-d5	1.68	69	167043	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.27	63	292885	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
21) 2-Butanone-d5	4.17	46	332147	101.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.11%
24) Chloroform-d	4.64	84	321972	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
26) 1,2-Dichloroethane-d4	5.31	65	221087	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.34	84	667545	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.33	67	229241	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.56	98	568969	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	96828	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	197723	94.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307116	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	191885	53.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.18%

Target Compounds

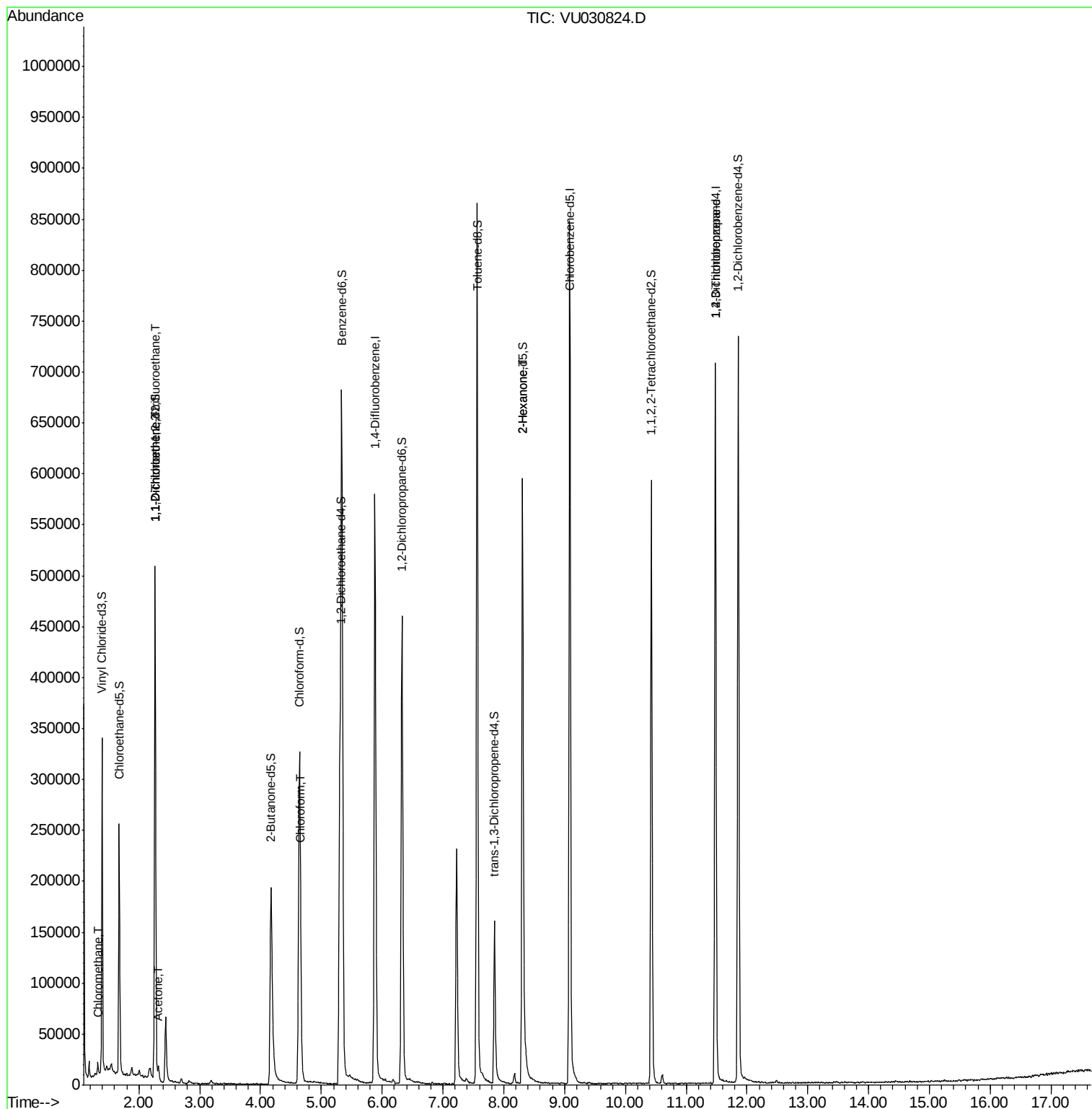
					Qvalue
3) Chloromethane	1.32	50	7322	1.388 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2671	0.803 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2102	0.655 ug/L #	1
13) Acetone	2.32	43	11405	3.393 ug/L	100
25) Chloroform	4.67	83	12104	1.712 ug/L	97
48) 2-Hexanone	8.31	43	25875	4.878 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	23972	4.734 ug/L	93

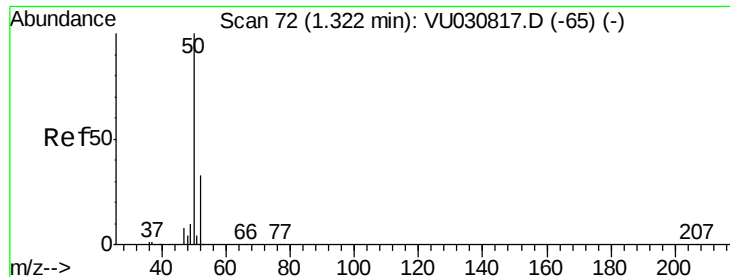
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.388 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 07 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

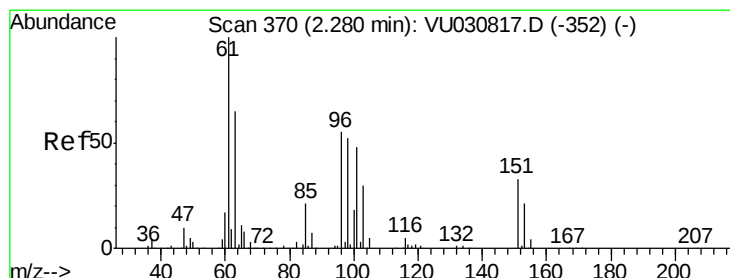
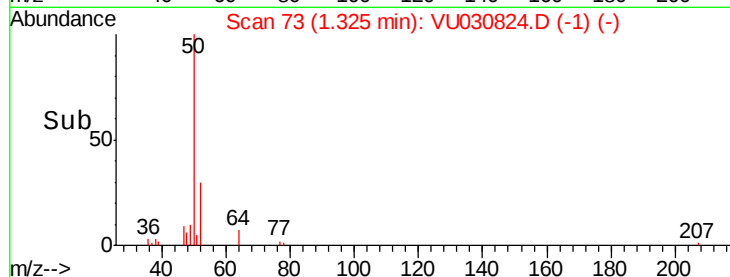
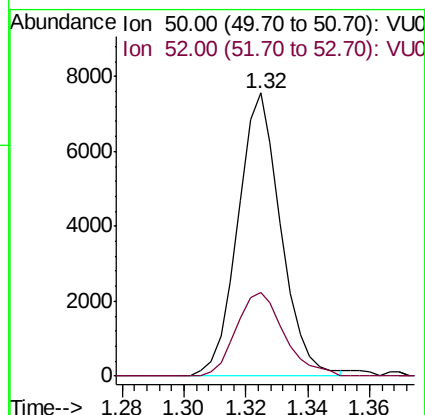
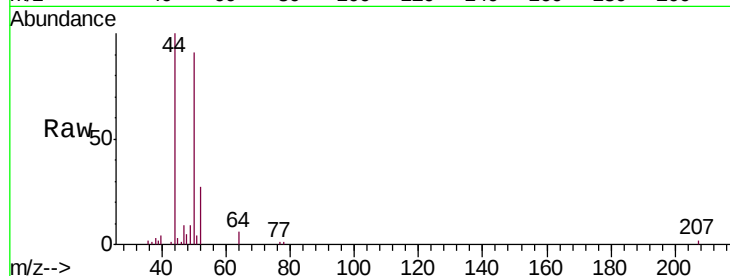
BF1C2

Tgt Ion: 50 Resp: 7322

Ion Ratio Lower Upper

50 100

52 29.7 22.7 42.1



#10

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

Concen: 0.803 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030824.D

Acq: 07 Apr 2019 00:44

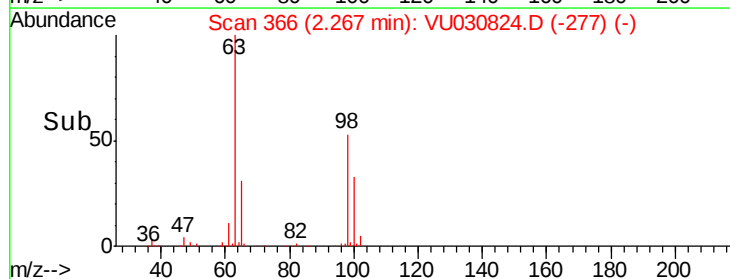
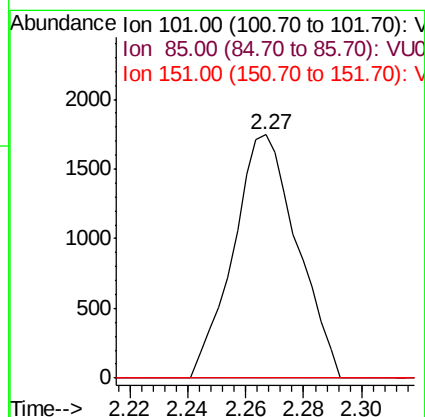
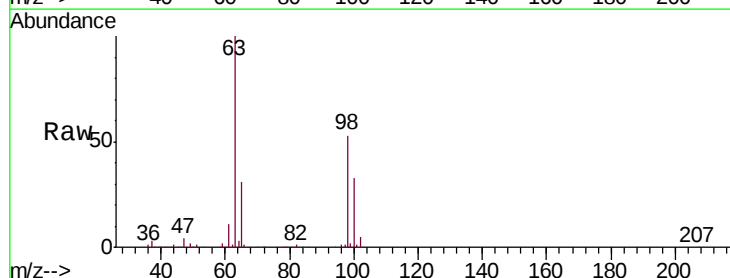
Tgt Ion: 101 Resp: 2671

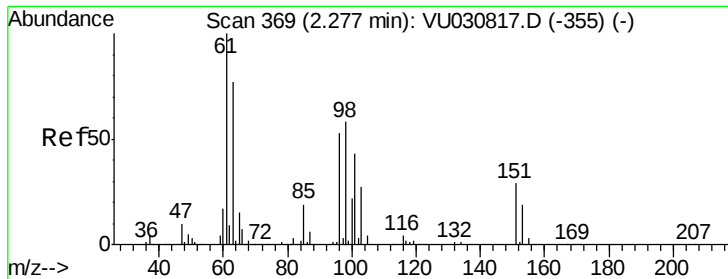
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#





#12

1,1-Dichloroethene

Concen: 0.655 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030824.D

Acq: 07 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

BF1C2

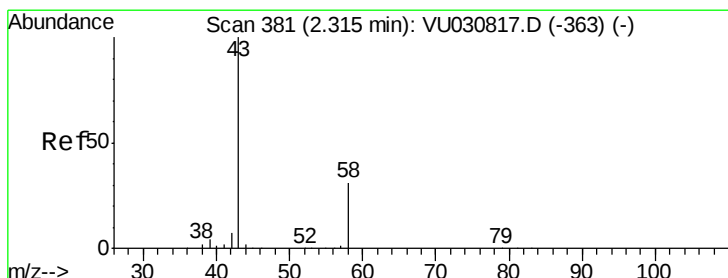
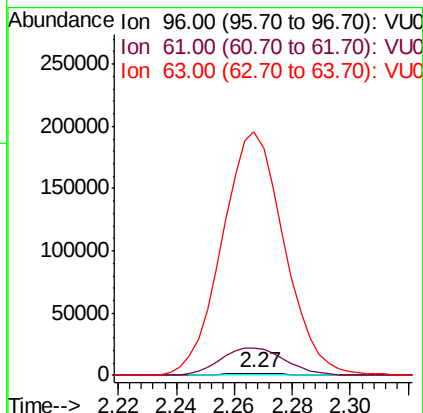
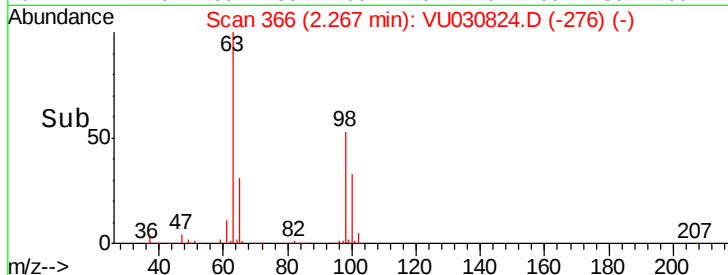
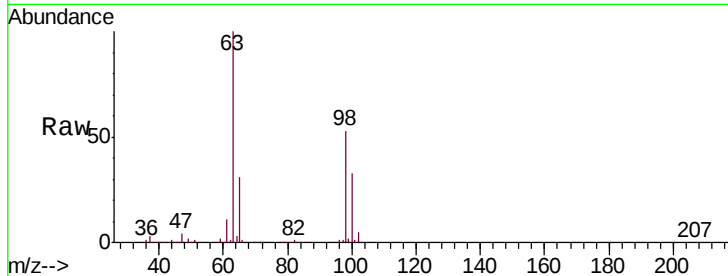
Tgt Ion: 96 Resp: 2102

Ion Ratio Lower Upper

96 100

61 1608.8 132.0 245.2#

63 14349.5 90.9 168.9#



#13

Acetone

Concen: 3.393 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030824.D

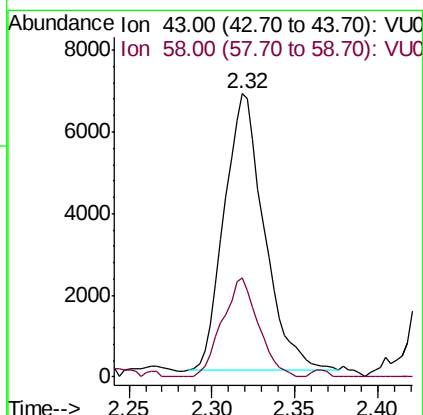
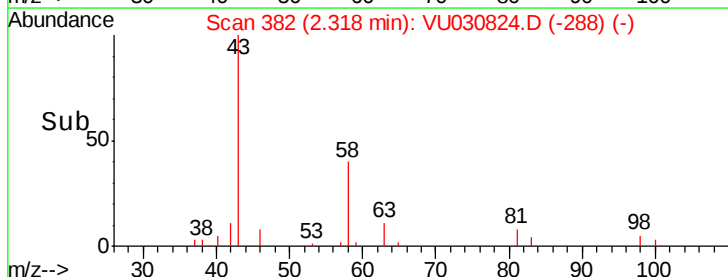
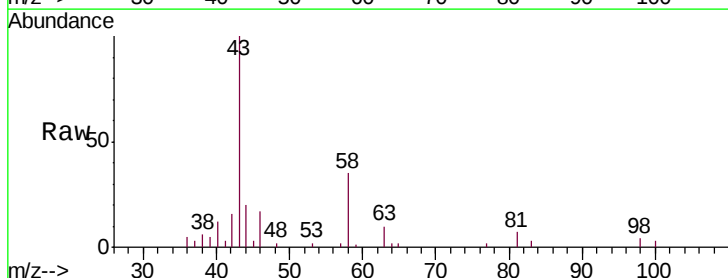
Acq: 07 Apr 2019 00:44

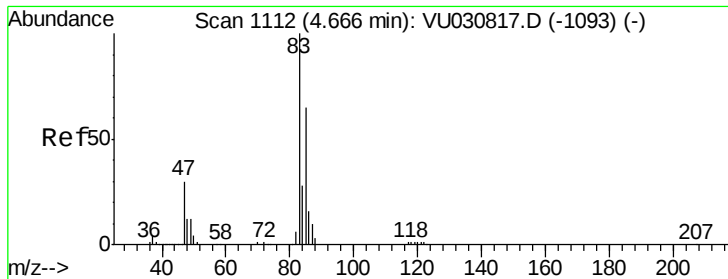
Tgt Ion: 43 Resp: 11405

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0





#25

Chloroform

Concen: 1.712 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030824.D

Acq: 07 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

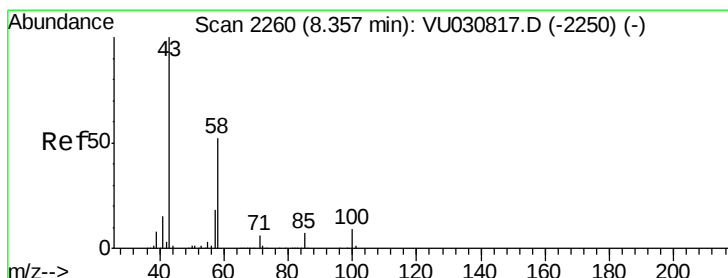
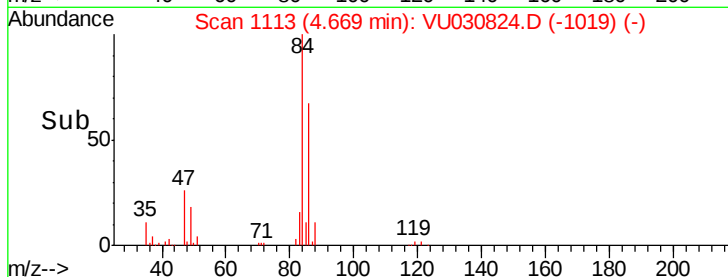
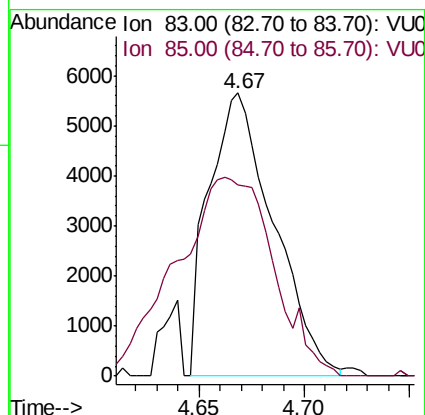
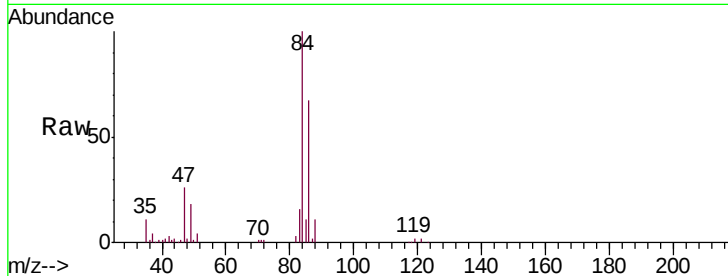
BF1C2

Tgt Ion: 83 Resp: 12104

Ion Ratio Lower Upper

83 100

85 67.4 45.8 85.0



#48

2-Hexanone

Concen: 4.878 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030824.D

Acq: 07 Apr 2019 00:44

Tgt Ion: 43 Resp: 25875

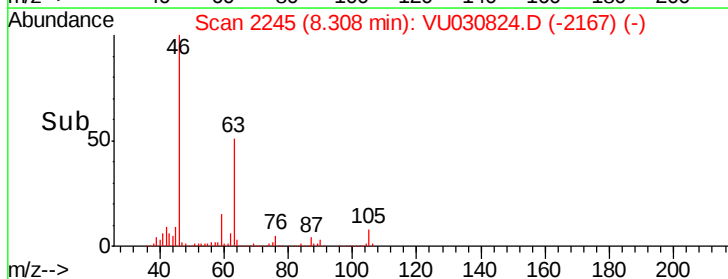
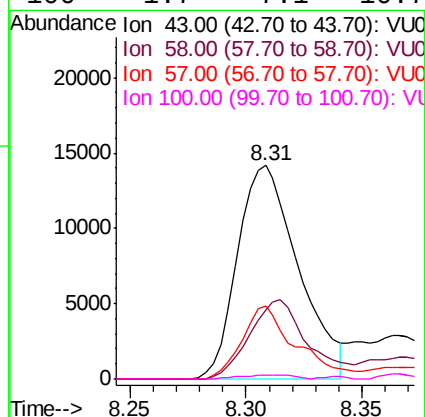
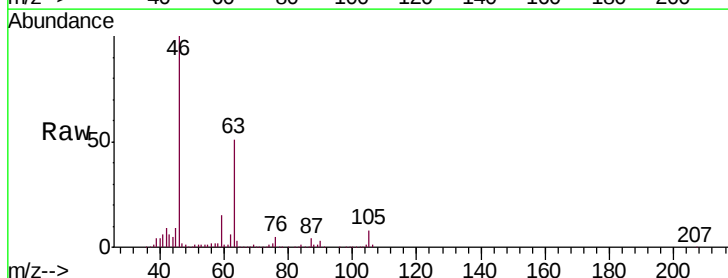
Ion Ratio Lower Upper

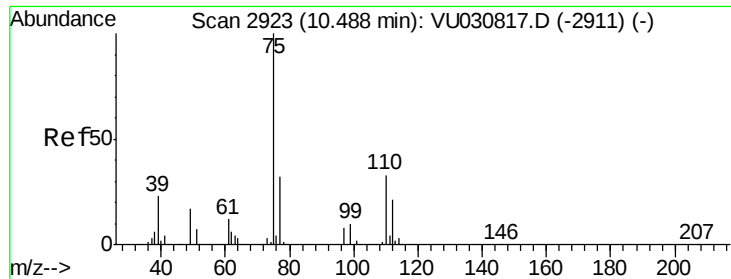
43 100

58 35.9 41.9 62.9#

57 30.7 14.3 21.5#

100 1.7 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.734 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030824.D

Acq: 07 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

BF1C2

Tgt Ion: 75 Resp: 23972

Ion Ratio Lower Upper

75 100

77 36.4 26.1 39.1

