

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031048.D
 Acq On : 11 Apr 2019 06:54
 Operator : JC/SP
 Sample : K2299-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB708

Quant Time: Apr 11 08:15:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486260	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211828	48.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.60%
7) Chloroethane-d5	1.68	69	175193	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.36%
11) 1,1-Dichloroethene-d2	2.27	63	307278	39.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.28%
21) 2-Butanone-d5	4.17	46	363231	105.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	4.64	84	355070	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
26) 1,2-Dichloroethane-d4	5.30	65	248488	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.84%
32) Benzene-d6	5.33	84	727858	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
36) 1,2-Dichloropropane-d6	6.32	67	245781	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.62%
41) Toluene-d8	7.56	98	631541	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	7.85	79	106786	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	215910	95.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	338765	50.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	236016	56.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.28%

Target Compounds

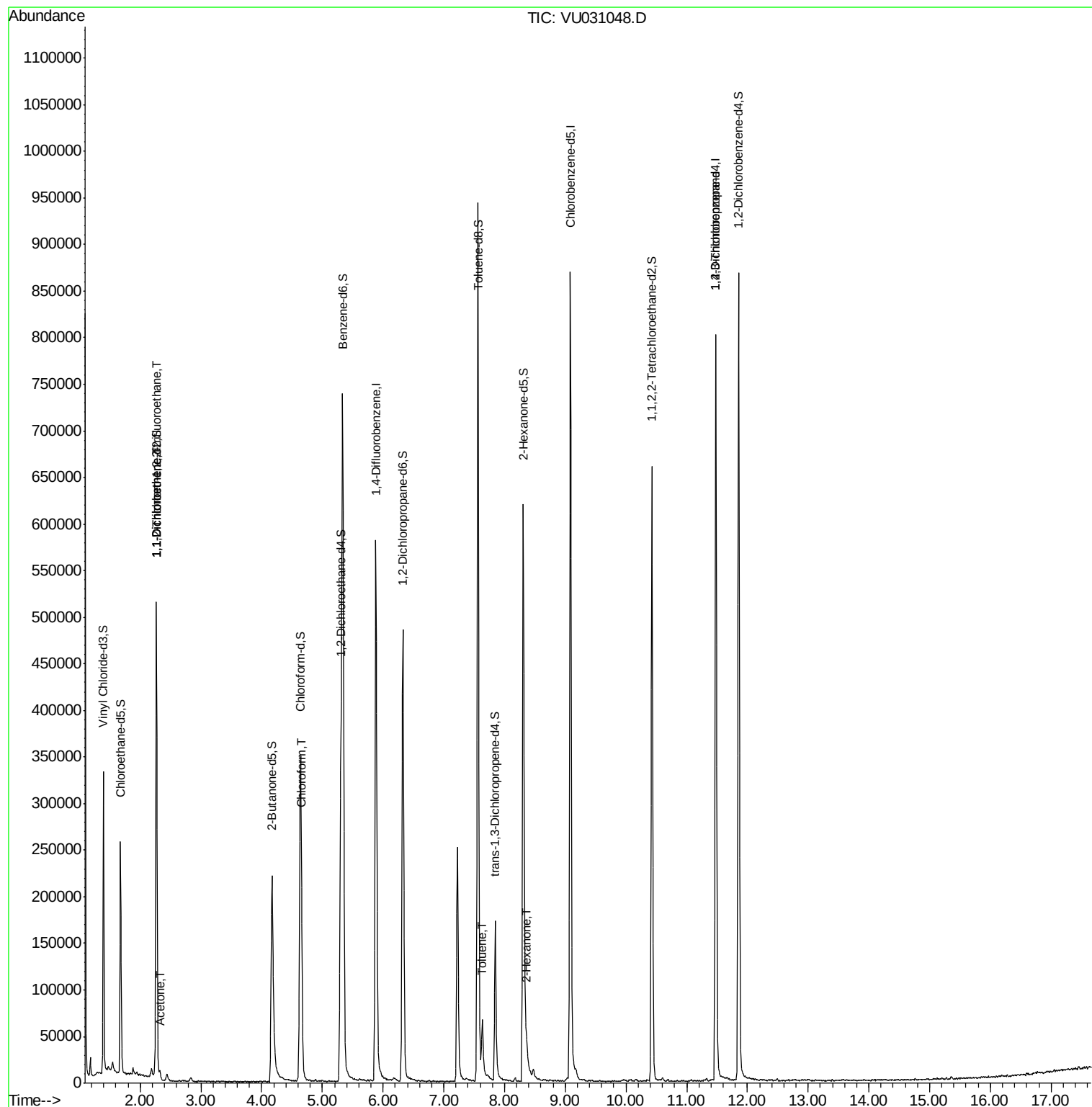
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2501	0.718	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1998	0.594	ug/L #	1
13) Acetone	2.32	43	6010	1.707	ug/L	99
25) Chloroform	4.67	83	15777	2.131	ug/L	92
42) Toluene	7.64	91	44303	2.689	ug/L	96
48) 2-Hexanone	8.36	43	15942	2.780	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	25131	4.591	ug/L	94

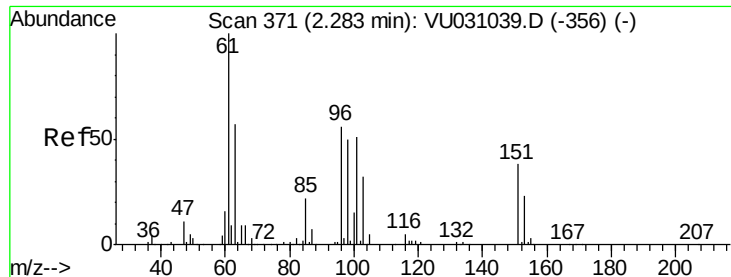
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.718 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Acq: 11 Apr 2019 06:54

Instrument :

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ClientSampleId :

DB708

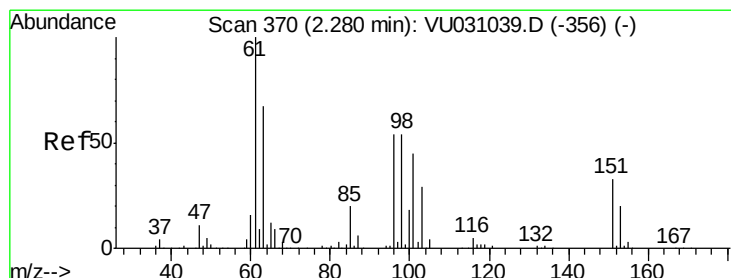
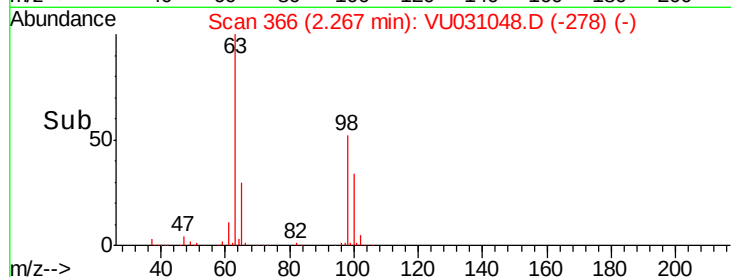
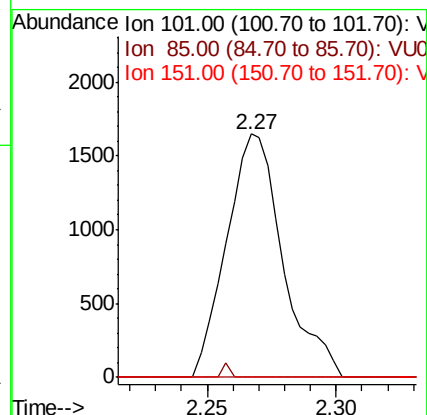
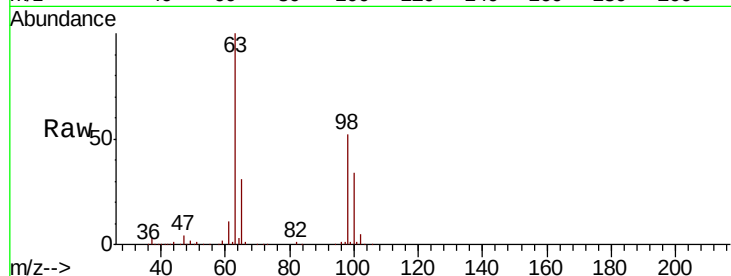
Tot Ion:101 Resp: 2501

Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.594 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031048.D

Acq: 11 Apr 2019 06:54

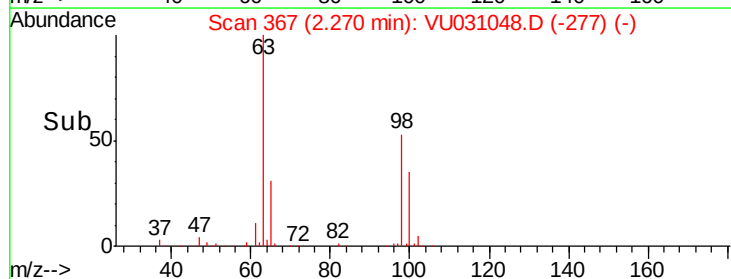
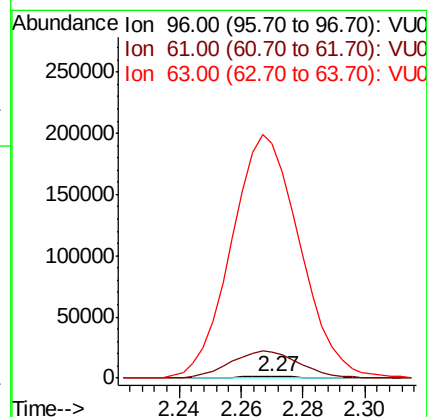
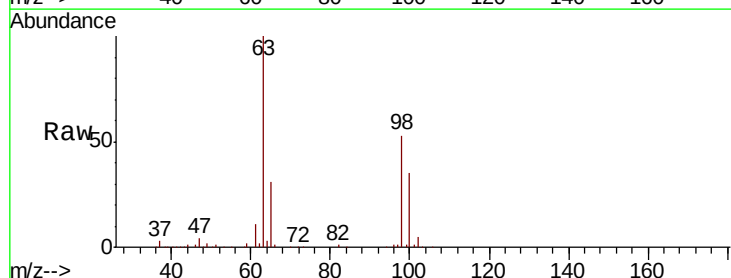
Tgt Ion: 96 Resp: 1998

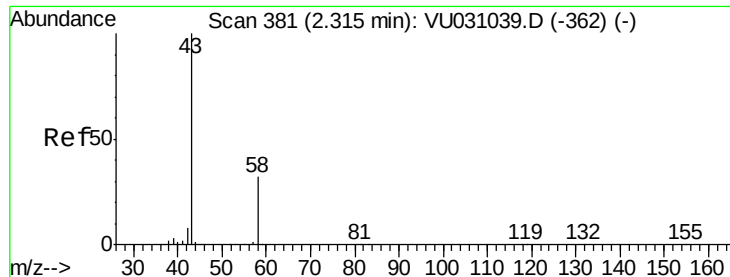
Ion Ratio Lower Upper

96 100

61 1639.2 132.0 245.2#

63 14477.1 90.9 168.9#





#13

Acetone

Concen: 1.707 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031048.D

Acq: 11 Apr 2019 06:54

Instrument :

MSVOA_U

ClientSampleId :

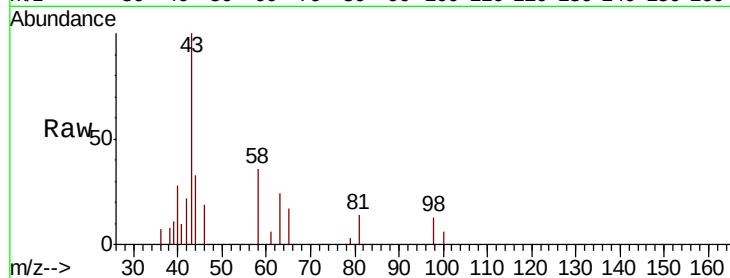
DB708

Tot Ion: 43 Resp: 6010

Ion Ratio Lower Upper

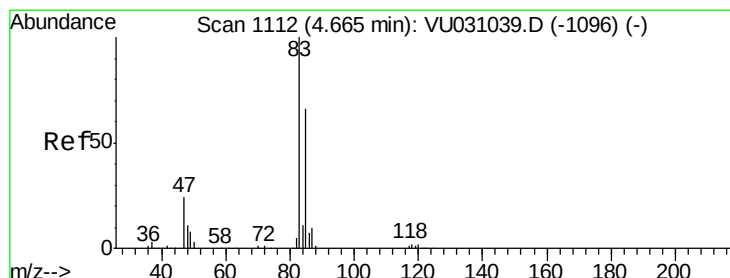
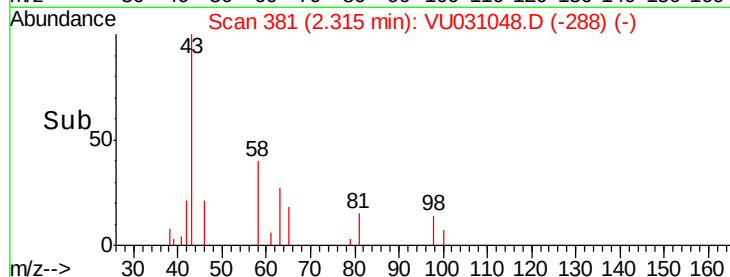
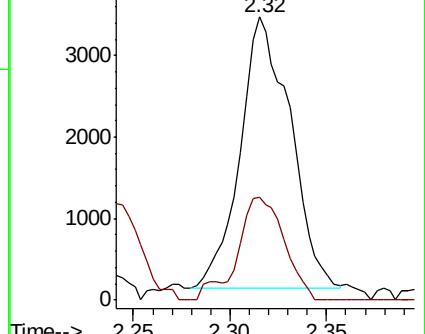
43 100

58 32.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031039.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031039.D (-362) (-)



#25

Chloroform

Concen: 2.131 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031048.D

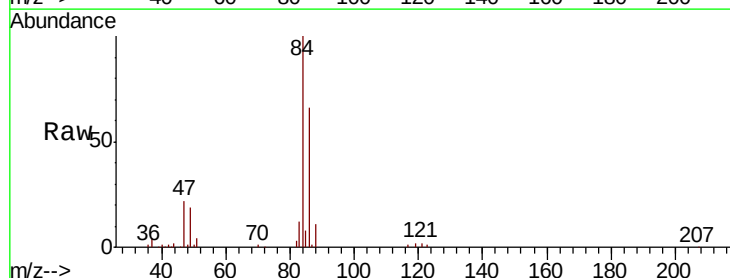
Acq: 11 Apr 2019 06:54

Tgt Ion: 83 Resp: 15777

Ion Ratio Lower Upper

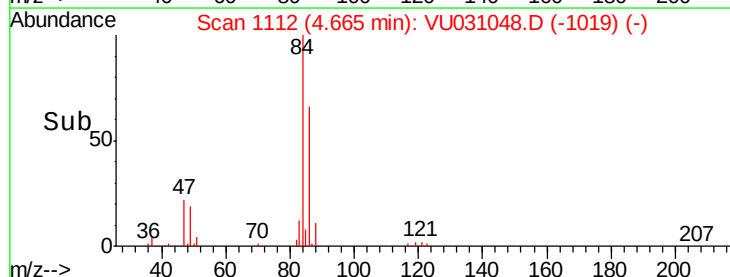
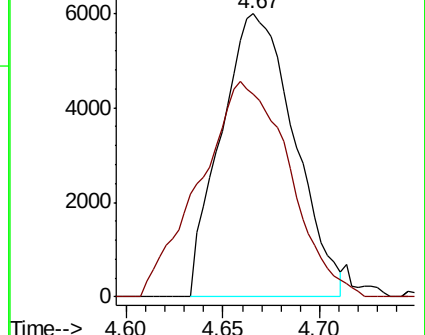
83 100

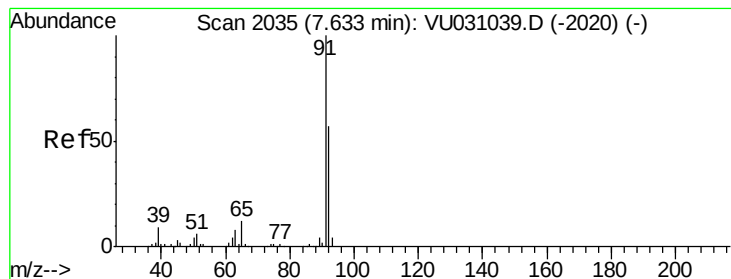
85 71.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1096) (-)





#42

Toluene

Concen: 2.689 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031048.D

Acq: 11 Apr 2019 06:54

Instrument :

MSVOA_U

ClientSampleId :

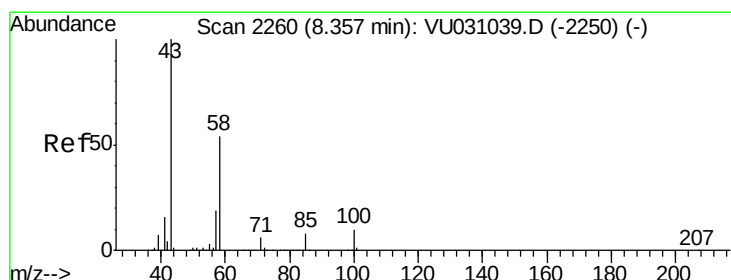
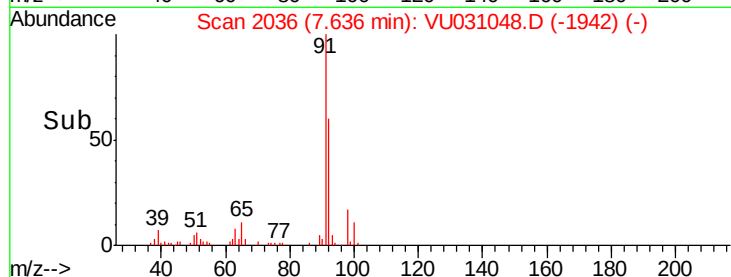
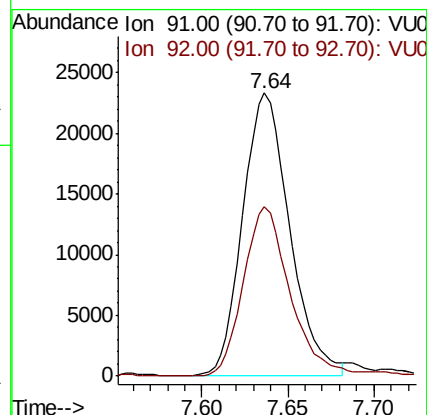
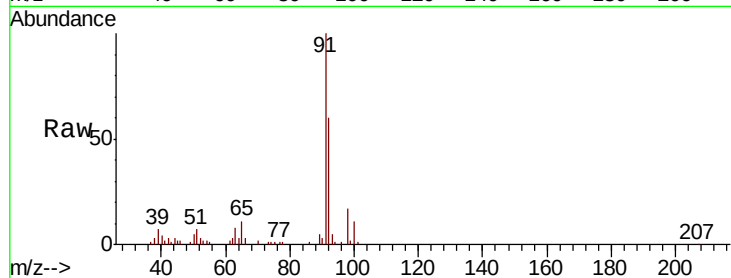
DB708

Tot Ion: 91 Resp: 44303

Ion Ratio Lower Upper

91 100

92 60.0 40.0 74.4



#48

2-Hexanone

Concen: 2.780 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031048.D

Acq: 11 Apr 2019 06:54

Tgt Ion: 43 Resp: 15942

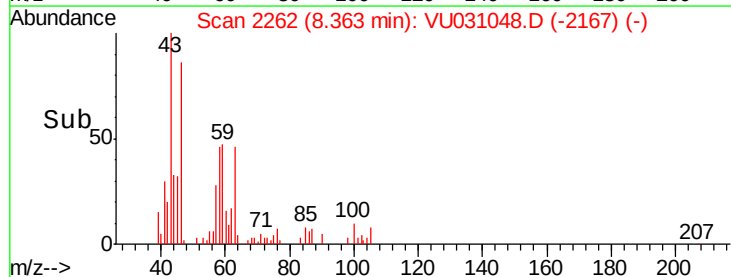
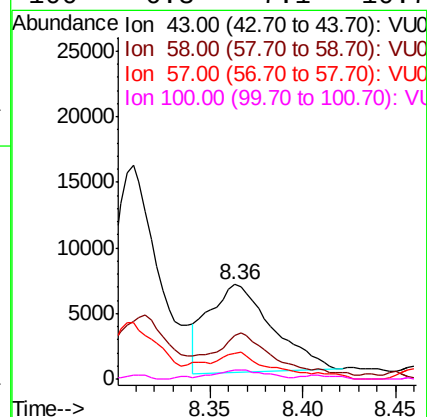
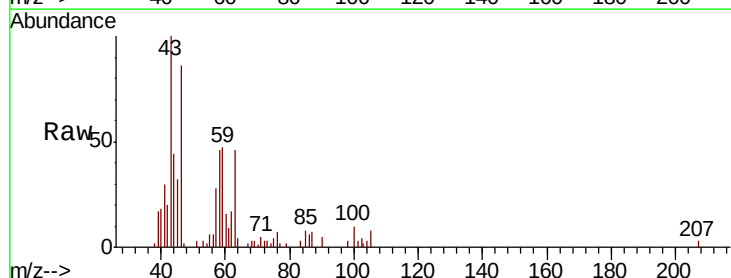
Ion Ratio Lower Upper

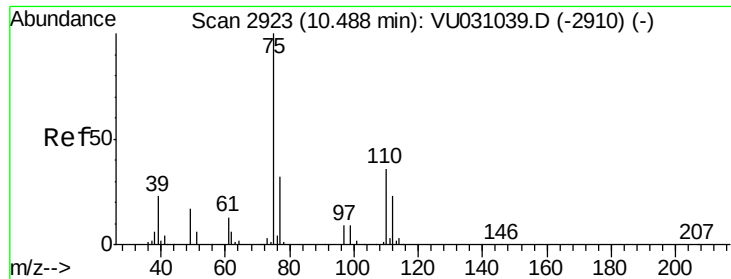
43 100

58 28.0 41.9 62.9#

57 16.2 14.3 21.5

100 6.3 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.591 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031048.D

Acq: 11 Apr 2019 06:54

Instrument :

MSVOA_U

ClientSampleId :

DB708

Tot Ion: 75 Resp: 25131

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1

