

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029892.D
 Acq On : 08 Mar 2019 17:00
 Operator : JC/SP
 Sample : K1721-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8C3

Quant Time: Mar 08 22:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	454200	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213150	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126677	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.48%
7) Chloroethane-d5	1.68	69	113435	37.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.02%
11) 1,1-Dichloroethene-d2	2.27	63	180745	27.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.36%#
21) 2-Butanone-d5	4.17	46	216830	104.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.65	84	265652	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.31	65	163689	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.34	84	562861	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	178402	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.56	98	506612	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.85	79	79192	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
47) 2-Hexanone-d5	8.31	63	172481	90.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268634	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	217585	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds

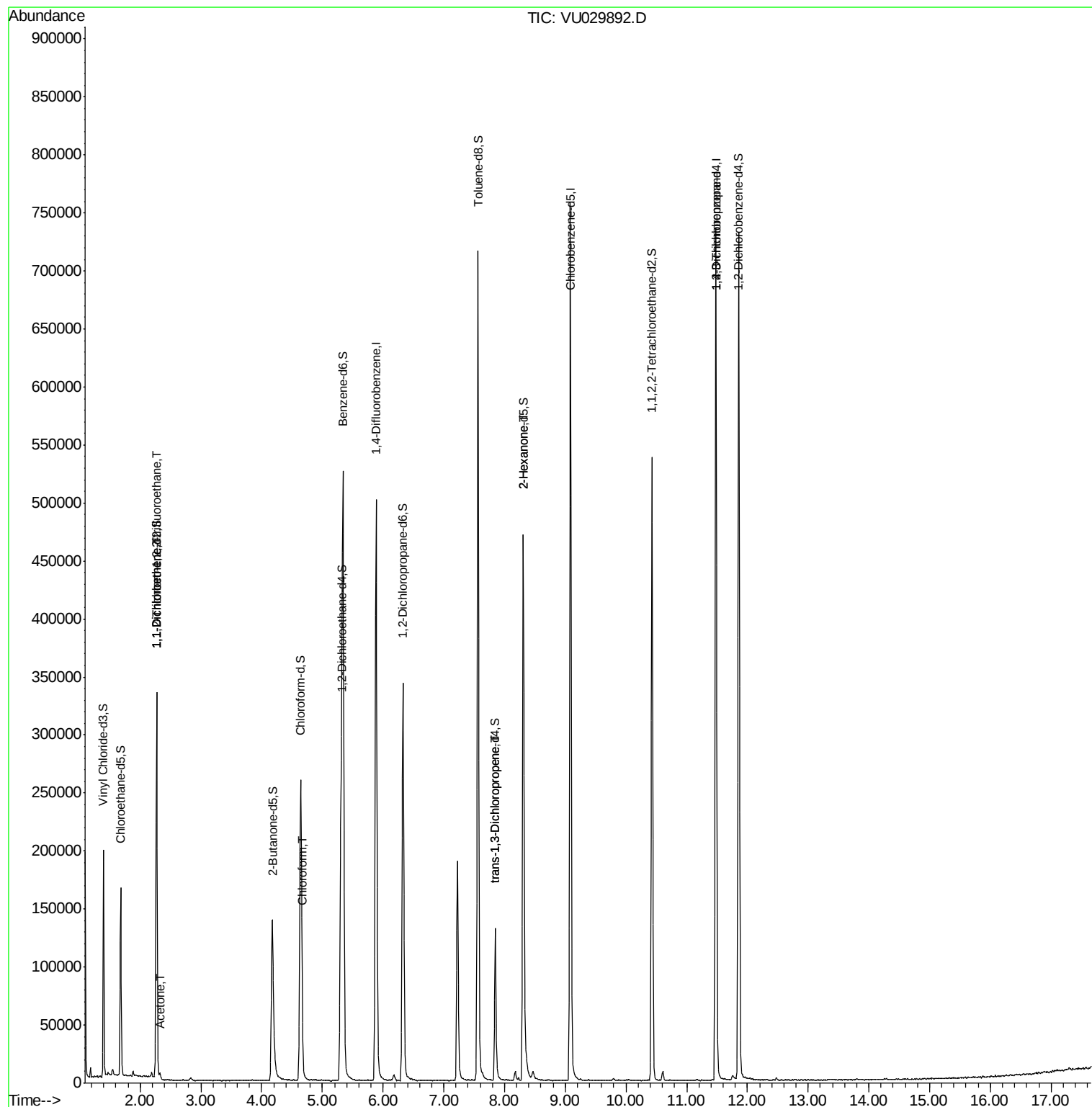
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1812	0.560 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1772	0.576 ug/L #	1
13) Acetone	2.32	43	2919	1.320 ug/L	96
25) Chloroform	4.68	83	4843	0.885 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3200	0.688 ug/L	91
48) 2-Hexanone	8.31	43	18693	4.978 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	21012	4.821 ug/L	95

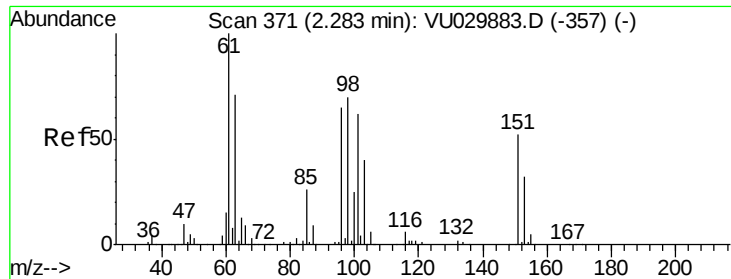
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.560 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029892.D

Acq: 08 Mar 2019 17:00

Instrument :

MSVOA_U

ClientSampled :

BF8C3

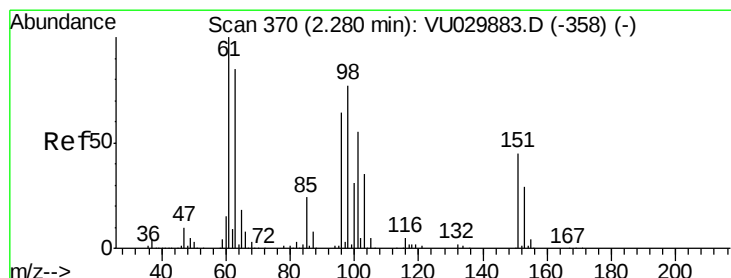
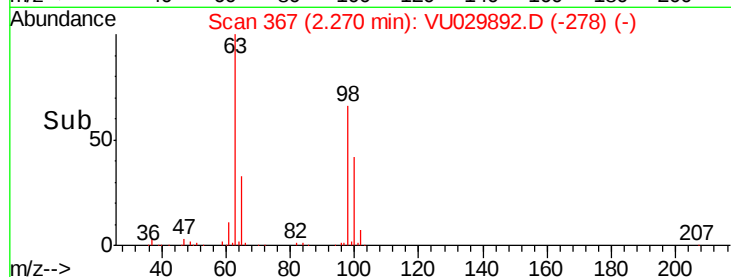
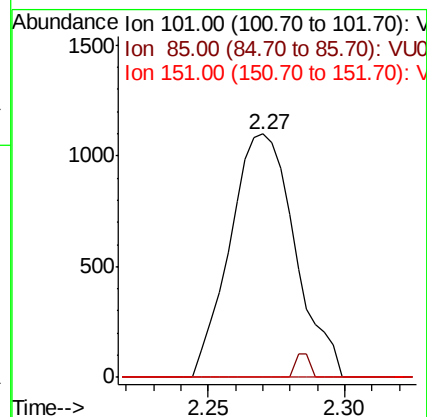
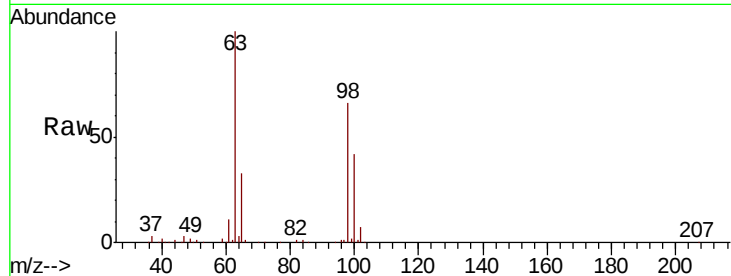
Tgt Ion: 101 Resp: 1812

Ion Ratio Lower Upper

101 100

85 2.3 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.576 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029892.D

Acq: 08 Mar 2019 17:00

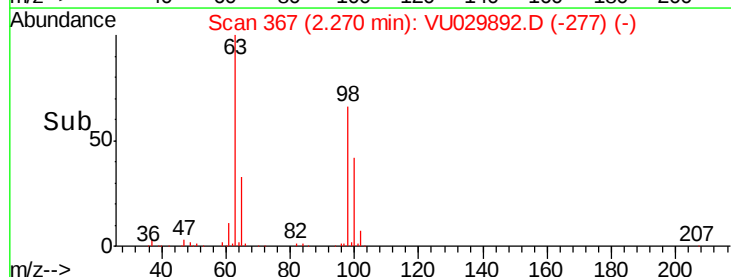
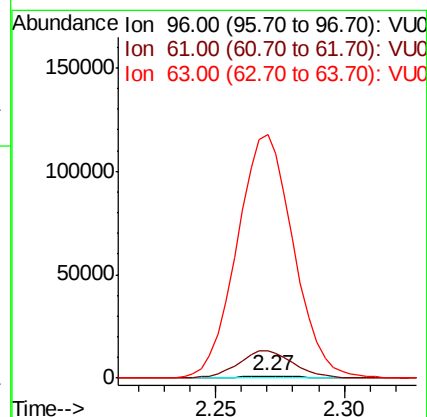
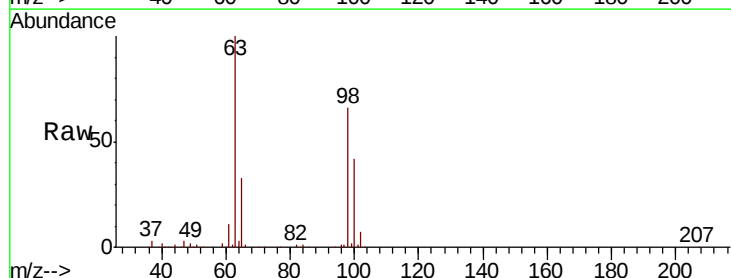
Tgt Ion: 96 Resp: 1772

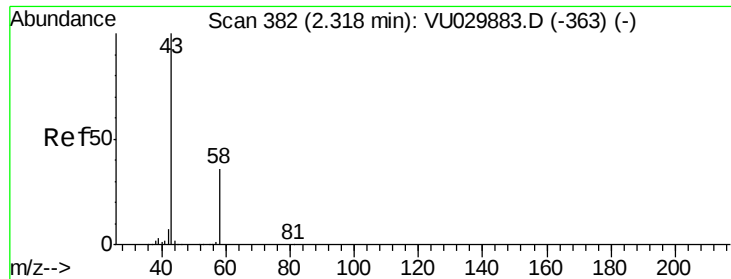
Ion Ratio Lower Upper

96 100

61 1290.0 114.0 211.8#

63 11437.1 98.7 183.3#

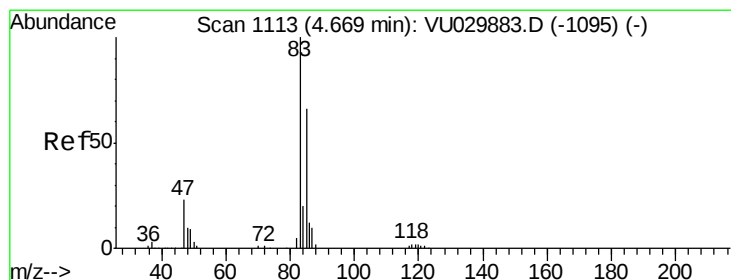
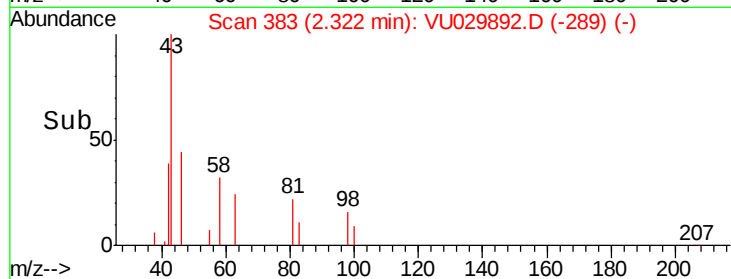
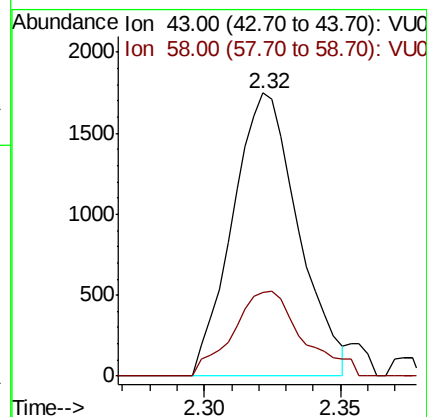
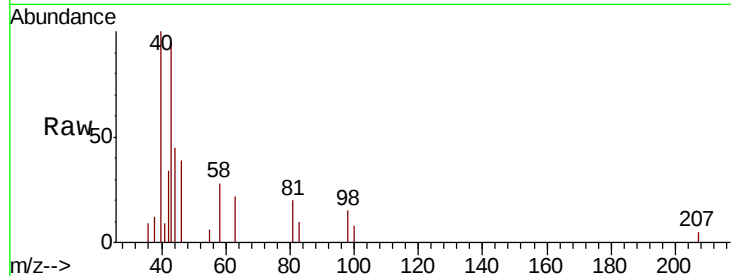




#13
Acetone
Concen: 1.320 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029892.D
Acq: 08 Mar 2019 17:00

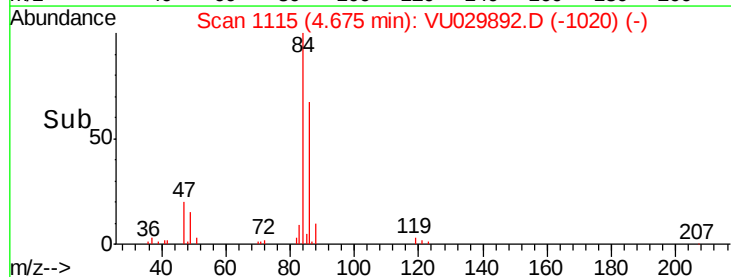
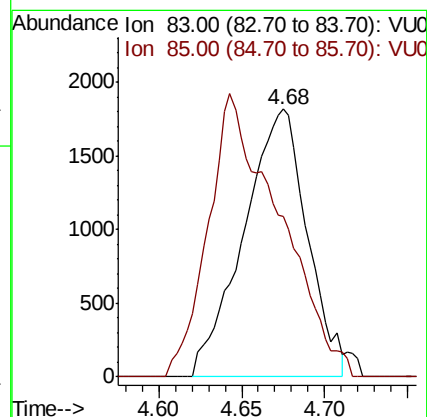
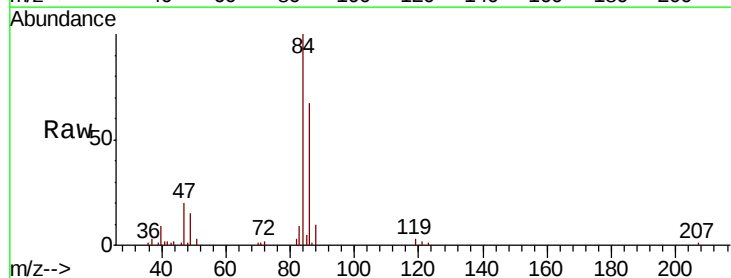
Instrument :
MSVOA_U
ClientSampleId :
BF8C3

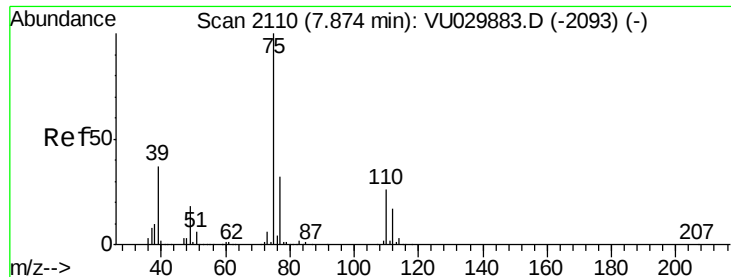
Tgt Ion: 43 Resp: 2919
Ion Ratio Lower Upper
43 100
58 31.2 0.0 66.8



#25
Chloroform
Concen: 0.885 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029892.D
Acq: 08 Mar 2019 17:00

Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
85 59.8 45.4 84.2





#44

trans-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029892.D

Acq: 08 Mar 2019 17:00

Instrument :

MSVOA_U

ClientSampleId :

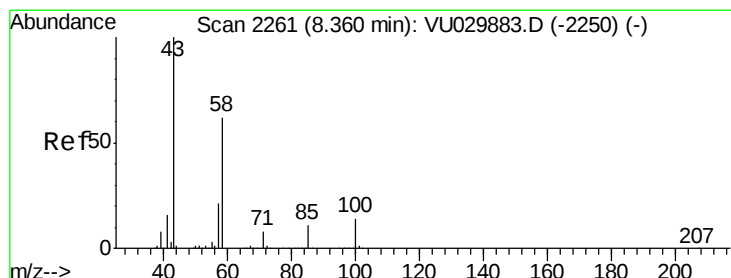
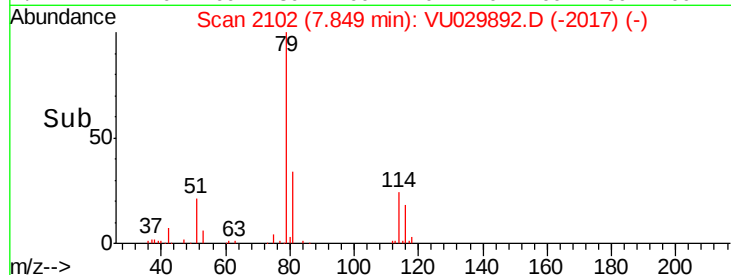
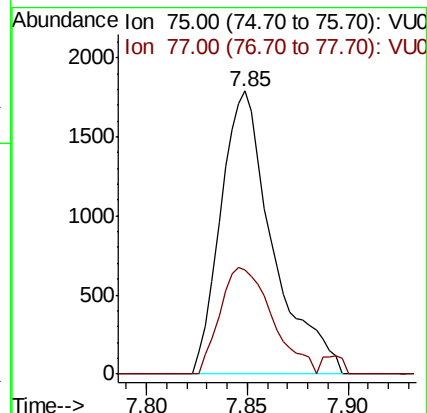
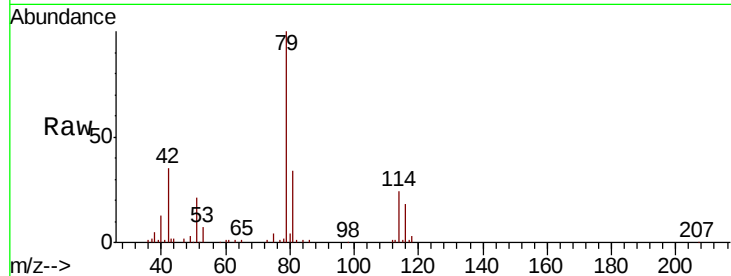
BF8C3

Tgt Ion: 75 Resp: 3200

Ion Ratio Lower Upper

75 100

77 36.7 22.1 41.1



#48

2-Hexanone

Concen: 4.978 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029892.D

Acq: 08 Mar 2019 17:00

Tgt Ion: 43 Resp: 18693

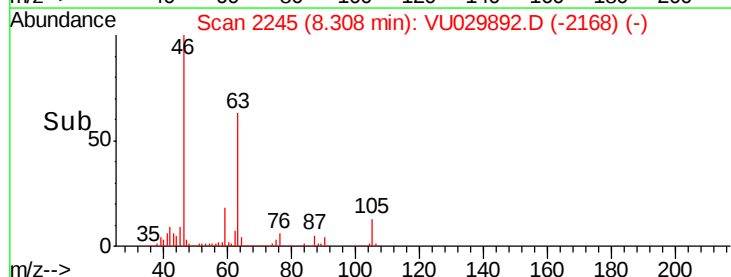
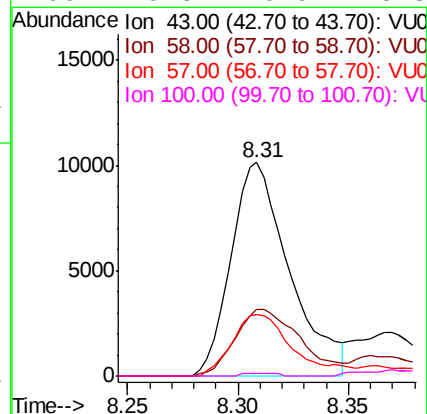
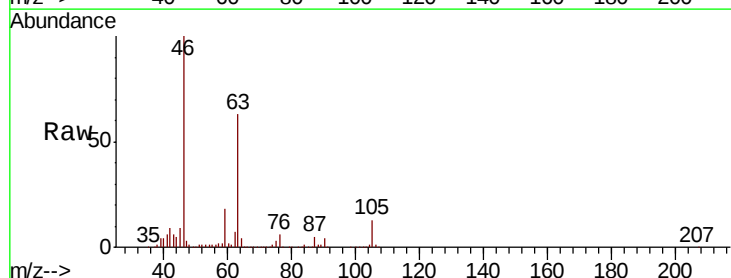
Ion Ratio Lower Upper

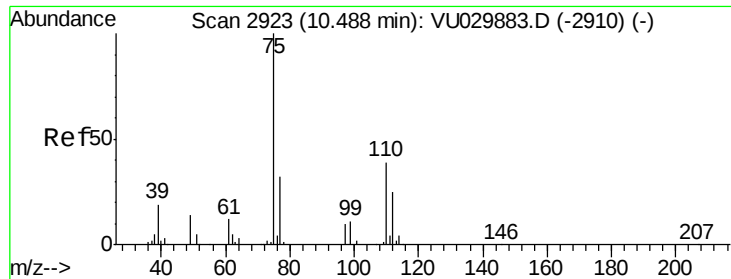
43 100

58 34.6 46.4 69.6#

57 28.2 15.7 23.5#

100 0.6 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.821 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029892.D

Acq: 08 Mar 2019 17:00

Instrument :

MSVOA_U

ClientSampleId :

BF8C3

Tgt Ion: 75 Resp: 21012

Ion Ratio Lower Upper

75 100

77 35.1 25.7 38.5

