

Data File : VU030898.D
Acq On : 08 Apr 2019 12:19
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Quant Time: Apr 09 02:19:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506873	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	507238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	171776	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.92%
7) Chloroethane-d5	1.92	69	122	0.04	ug/L	0.25
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.23	63	282367	34.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	4.19	46	360761	100.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.64	84	330585	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.30	65	240781	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.33	84	693988	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.32	67	243274	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	7.56	98	590552	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.85	79	109385	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.54%
47) 2-Hexanone-d5	8.32	63	257449	111.00	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	367192	53.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	233923	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2227	0.614 ug/L #	22
12) 1,1-Dichloroethene	2.23	96	2542	0.726 ug/L #	1
25) Chloroform	4.67	83	17258	2.237 ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	6453	0.965 ug/L #	72
46) Tetrachloroethene	8.22	164	39249	13.260 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	29720	5.280 ug/L	91

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

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ClientSampleId :
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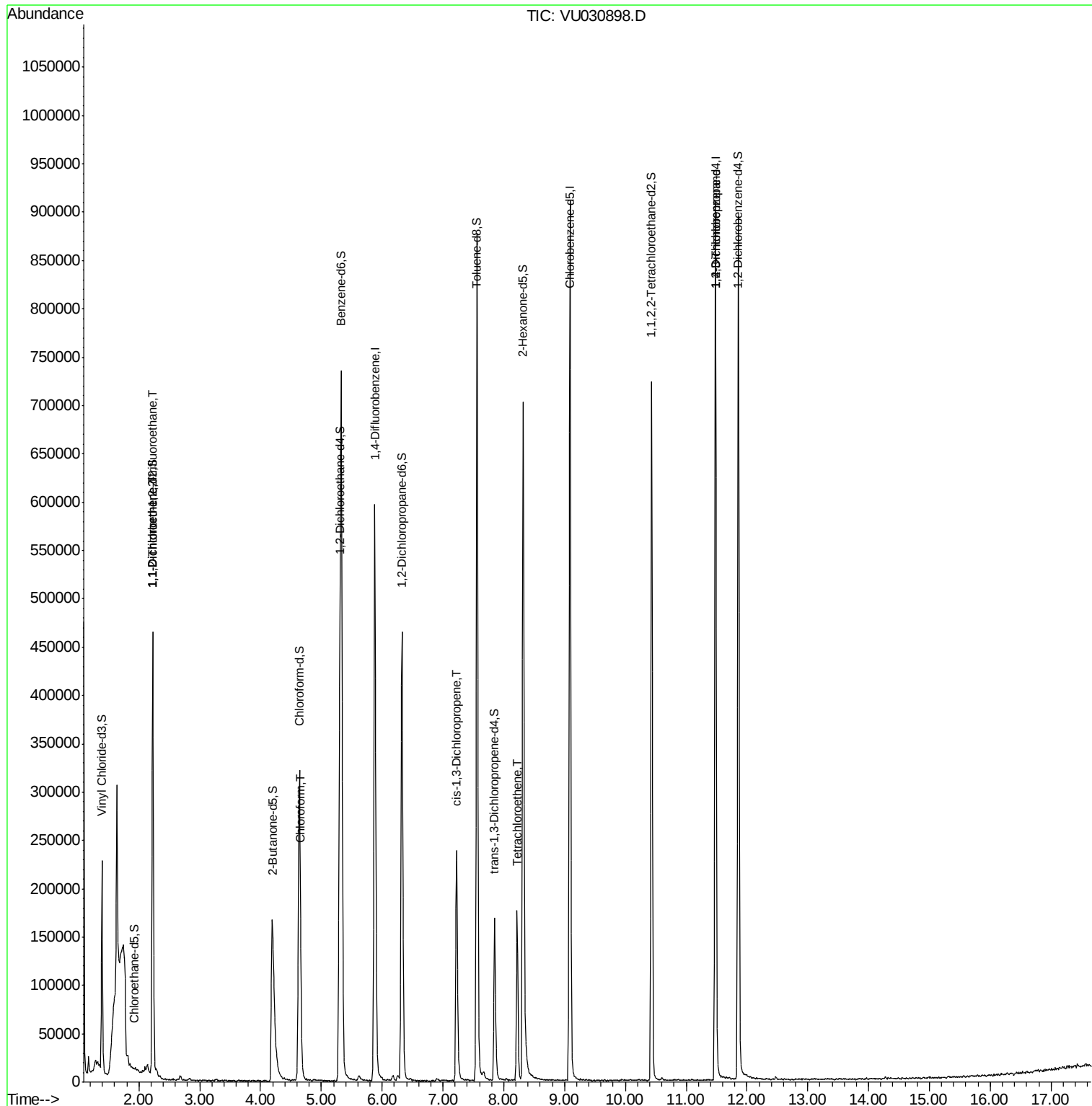
Quant Time: Apr 09 02:19:47 2019

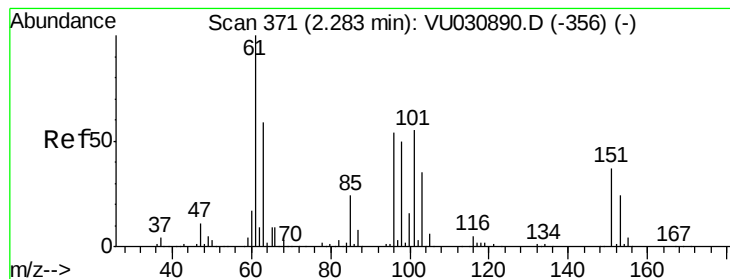
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:16:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.614 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU030898.D

Acq: 08 Apr 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

BF2M6ME

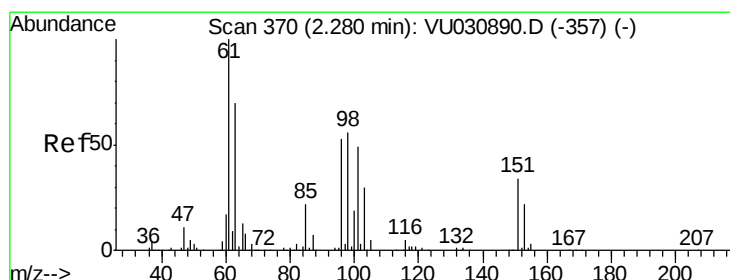
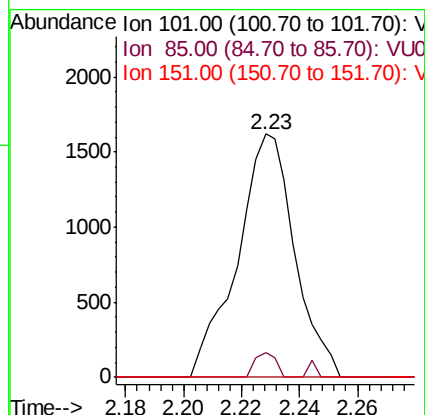
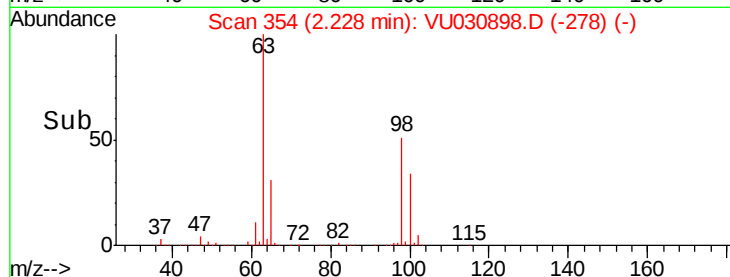
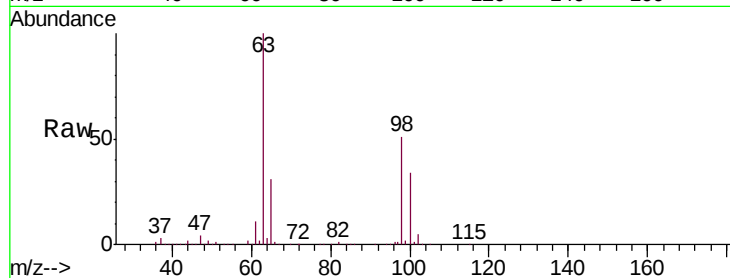
Tgt Ion: 101 Resp: 2227

Ion Ratio Lower Upper

101 100

85 3.6 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.726 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU030898.D

Acq: 08 Apr 2019 12:19

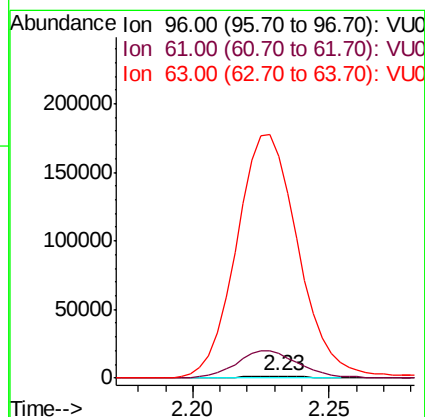
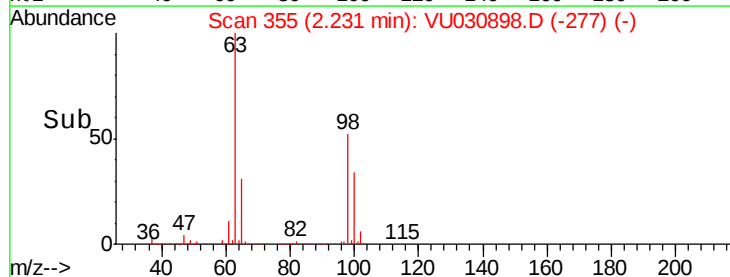
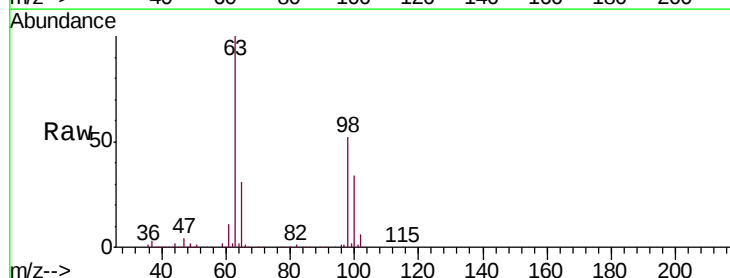
Tgt Ion: 96 Resp: 2542

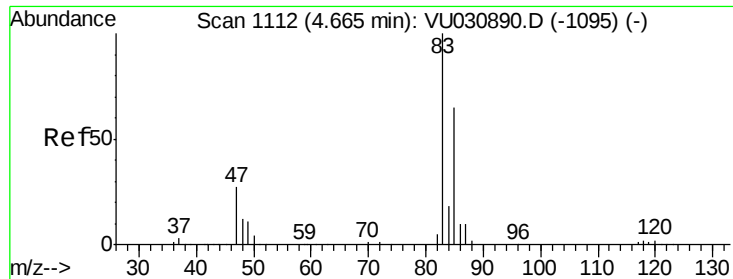
Ion Ratio Lower Upper

96 100

61 1182.1 132.0 245.2#

63 10772.0 90.9 168.9#

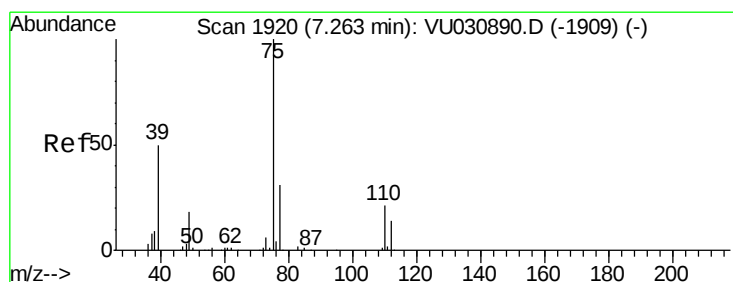
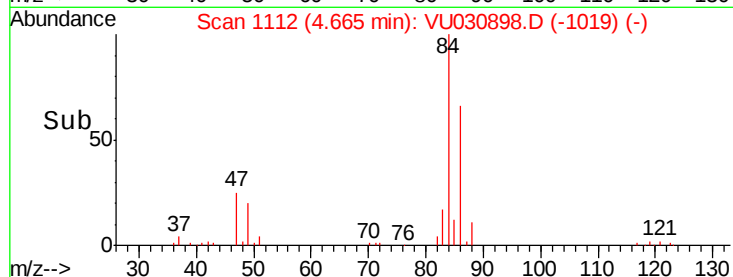
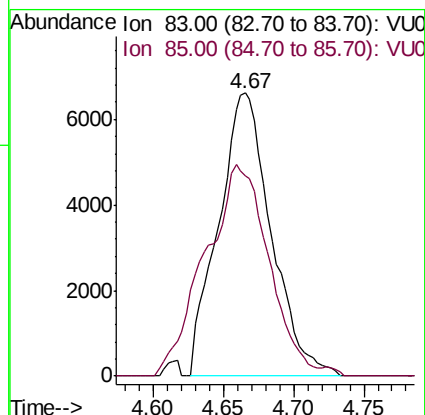
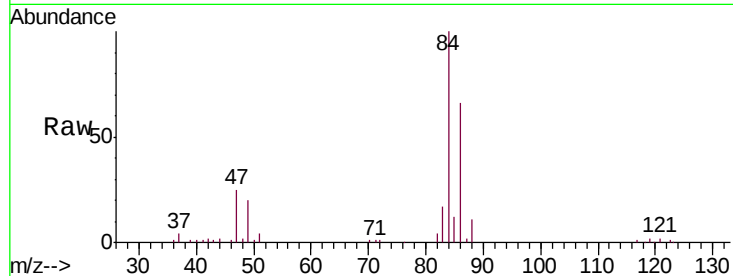




#25
Chloroform
Concen: 2.237 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU030898.D
Acq: 08 Apr 2019 12:19

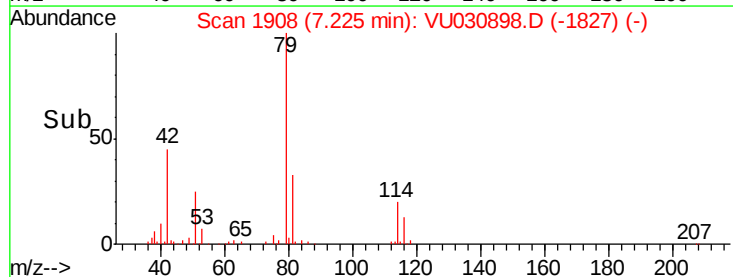
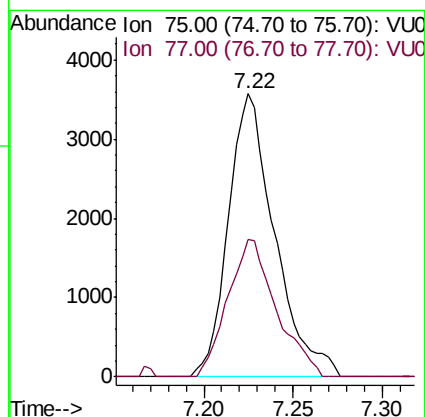
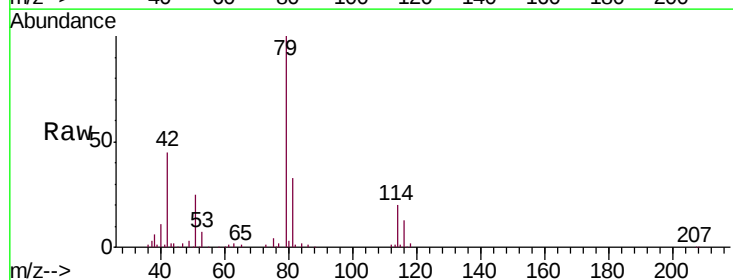
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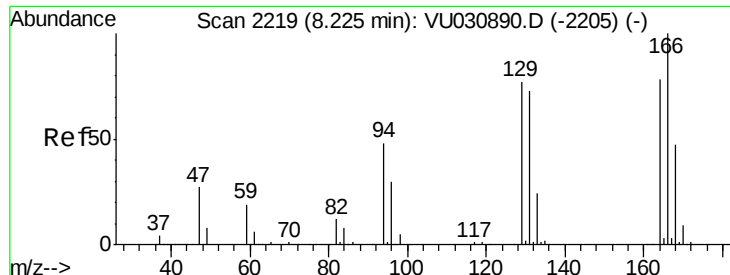
Tgt Ion: 83 Resp: 17258
Ion Ratio Lower Upper
83 100
85 70.6 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.965 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030898.D
Acq: 08 Apr 2019 12:19

Tgt Ion: 75 Resp: 6453
Ion Ratio Lower Upper
75 100
77 48.7 23.1 42.9#





#46

Tetrachloroethene

Concen: 13.260 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030898.D

Acq: 08 Apr 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

BF2M6ME

Tgt Ion:164 Resp: 39249

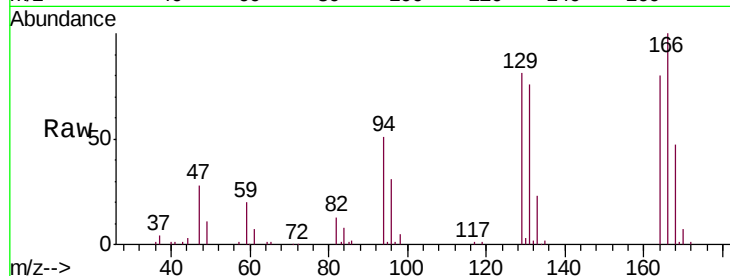
Ion Ratio Lower Upper

164 100

129 101.7 67.4 125.2

131 95.0 65.9 122.5

166 125.0 88.6 164.6

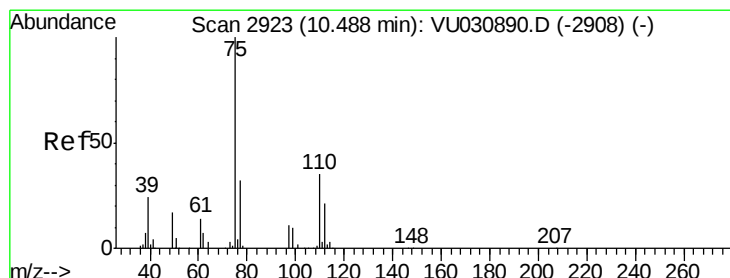
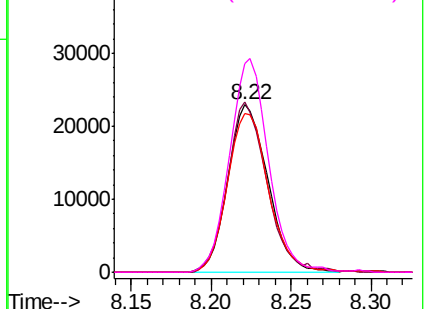
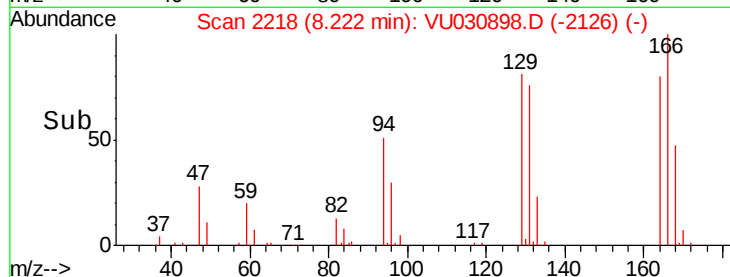


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.280 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030898.D

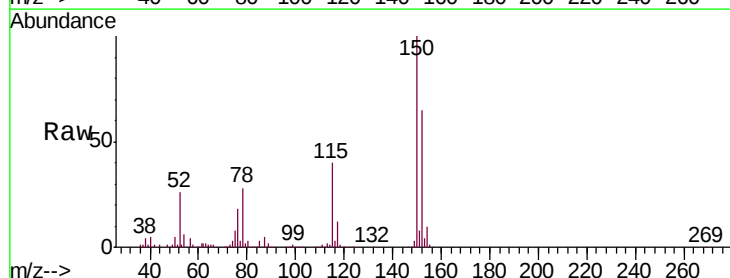
Acq: 08 Apr 2019 12:19

Tgt Ion: 75 Resp: 29720

Ion Ratio Lower Upper

75 100

77 37.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

