

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030698.D
 Acq On : 04 Apr 2019 21:19
 Operator : JC/SP
 Sample : K2166-01ME
 Misc : 6.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF103ME

Quant Time: Apr 05 02:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	429607	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199440	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162969	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.00%
7) Chloroethane-d5	1.64	69	114205	39.24	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.48%
11) 1,1-Dichloroethene-d2	2.32	63	137	0.02	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	290970	95.73	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.73%
24) Chloroform-d	4.64	84	254541	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
26) 1,2-Dichloroethane-d4	5.30	65	189637	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
32) Benzene-d6	5.33	84	558266	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.32	67	190986	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.44%
41) Toluene-d8	7.56	98	475884	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.85	79	84024	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
47) 2-Hexanone-d5	8.32	63	204013	105.69	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279169	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	180733	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%

Target Compounds

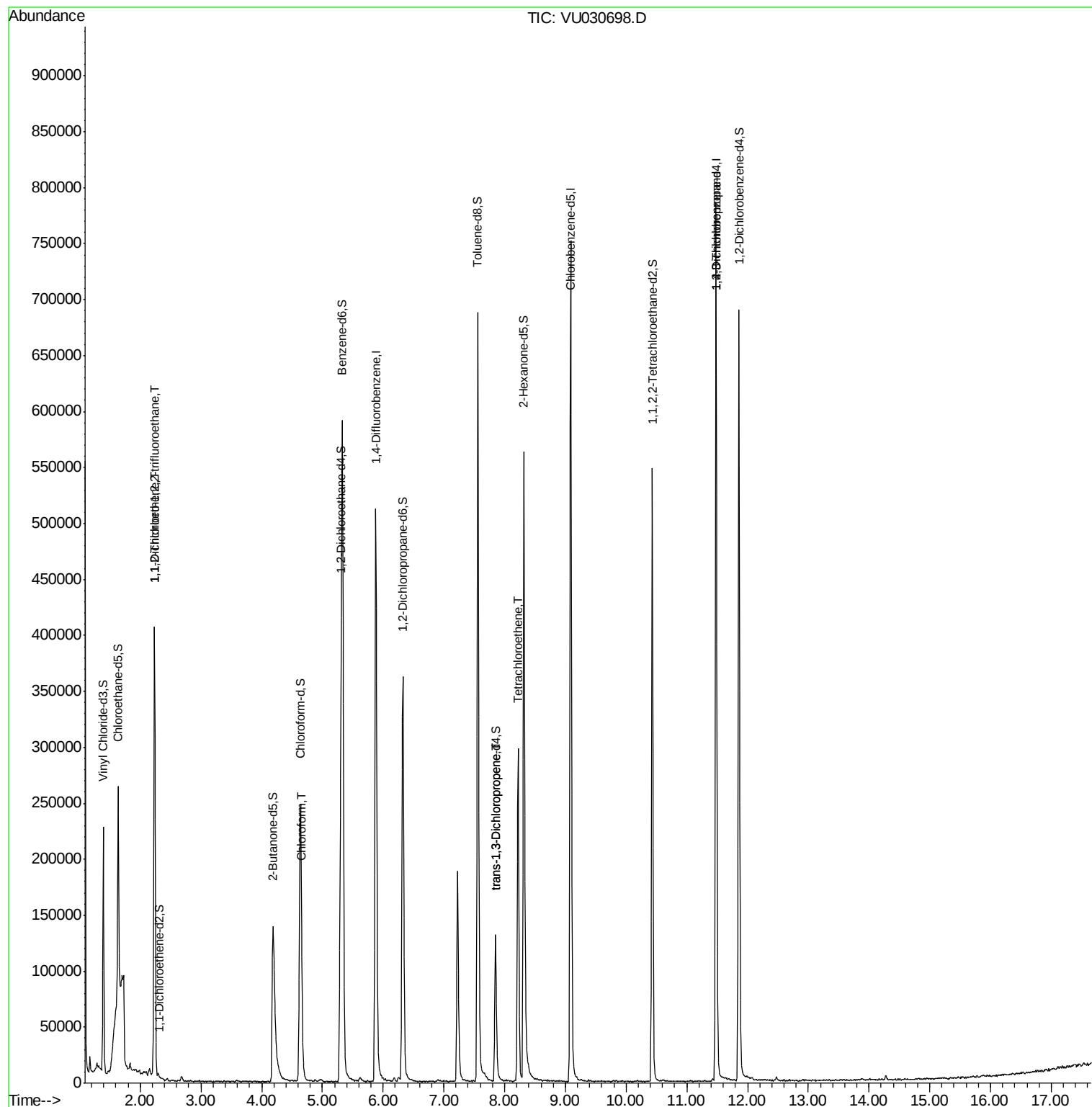
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2082	0.677 ug/L #	21
12) 1,1-Dichloroethene	2.24	96	2009	0.677 ug/L #	1
25) Chloroform	4.67	83	17848	2.729 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3831	0.781 ug/L	100
46) Tetrachloroethene	8.22	164	66502	26.996 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	26547	5.666 ug/L	98

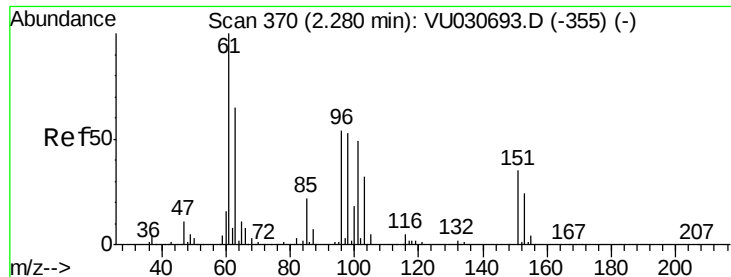
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.677 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU030698.D

Acq: 04 Apr 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

BF103ME

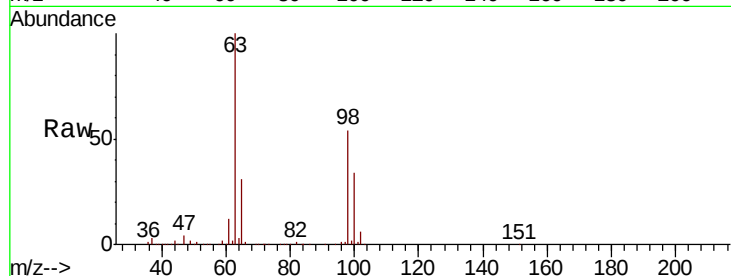
Tot Ion:101 Resp: 2082

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

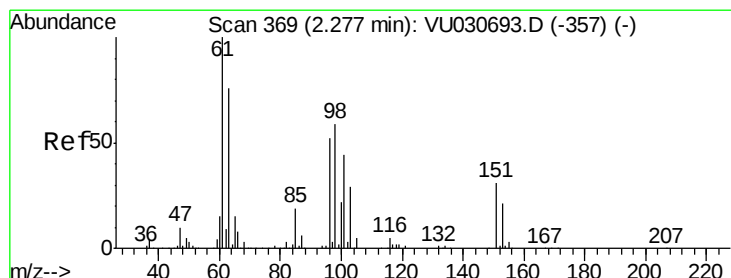
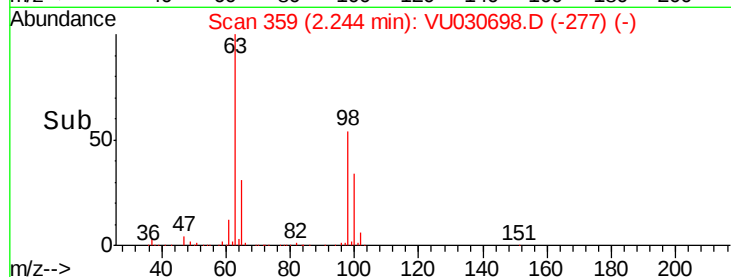
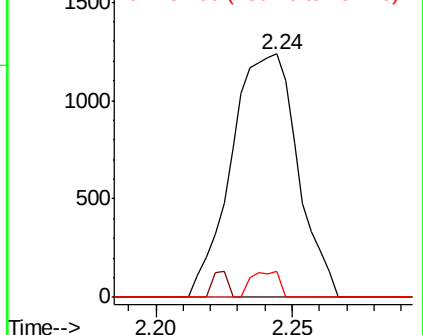
151 1.2 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.677 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030698.D

Acq: 04 Apr 2019 21:19

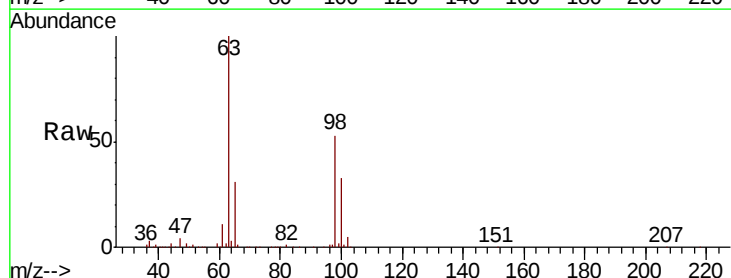
Tgt Ion: 96 Resp: 2009

Ion Ratio Lower Upper

96 100

61 1298.5 132.0 245.2#

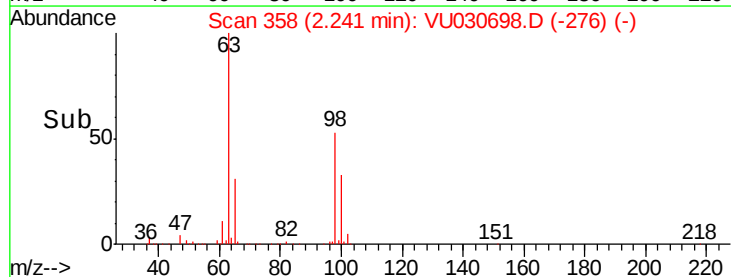
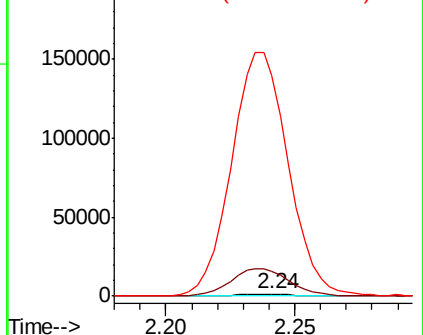
63 11523.2 90.9 168.9#

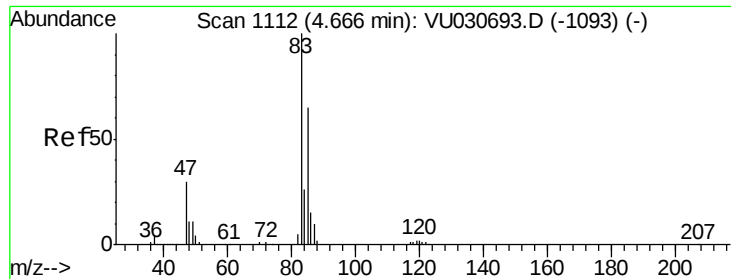


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

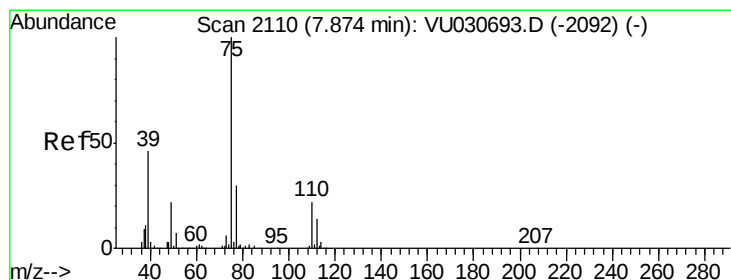
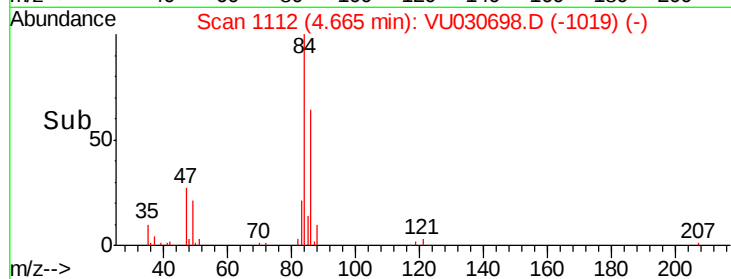
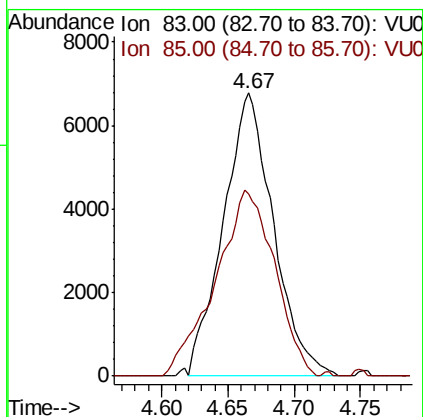
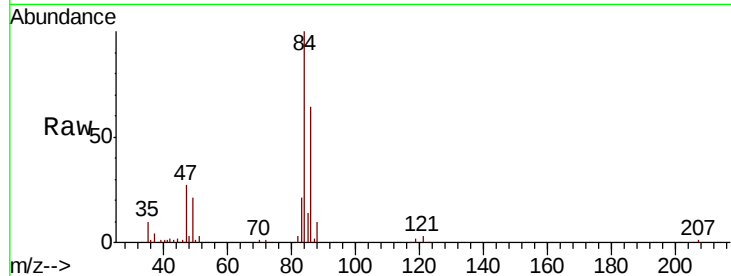




#25
Chloroform
Concen: 2.729 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030698.D
Acq: 04 Apr 2019 21:19

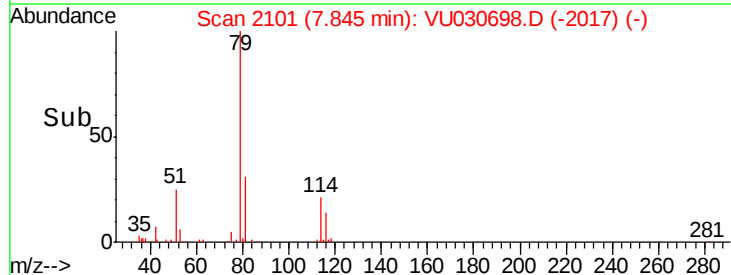
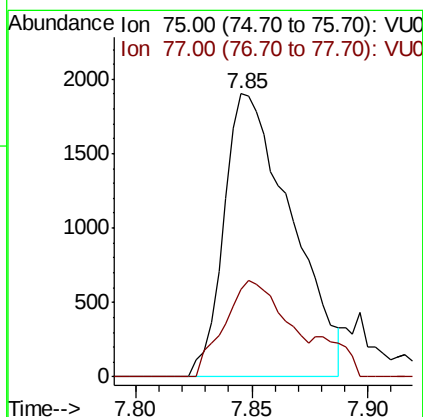
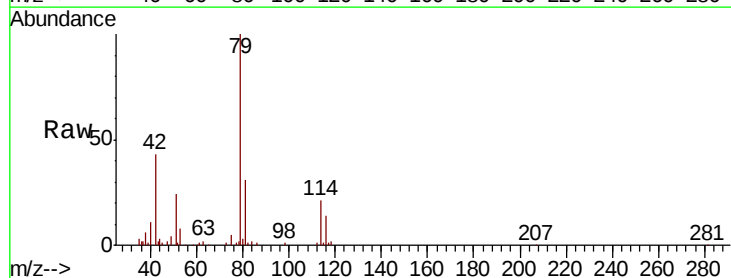
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BF103ME

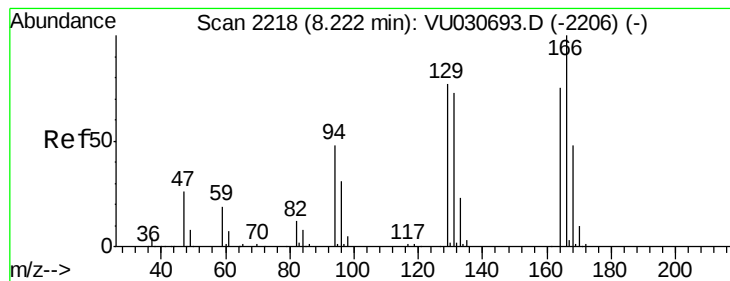
Tot Ion: 83 Resp: 17848
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030698.D
Acq: 04 Apr 2019 21:19

Tgt Ion: 75 Resp: 3831
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.0





#46

Tetrachloroethene

Concen: 26.996 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030698.D

Acq: 04 Apr 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

BF103ME

Tot Ion:164 Resp: 66502

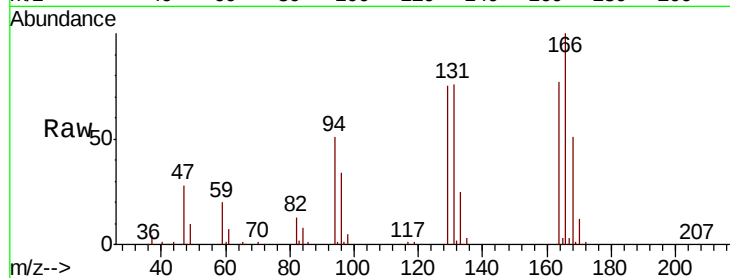
Ion Ratio Lower Upper

164 100

129 97.4 67.4 125.2

131 98.3 65.9 122.5

166 129.3 88.6 164.6

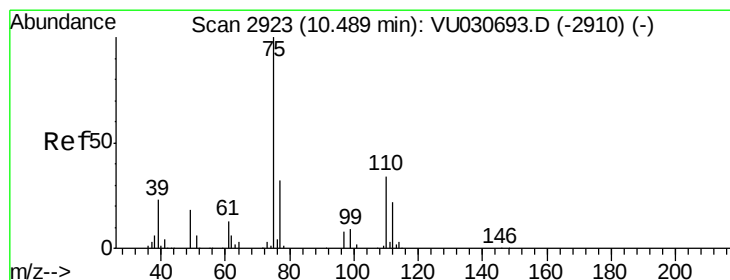
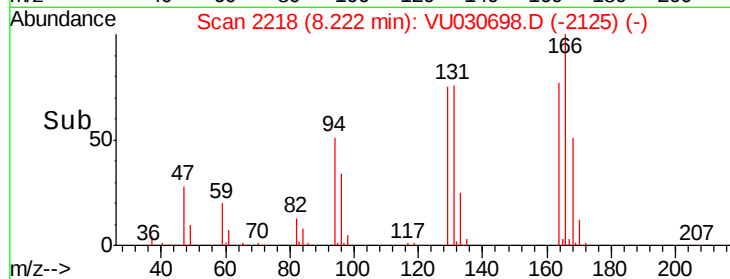
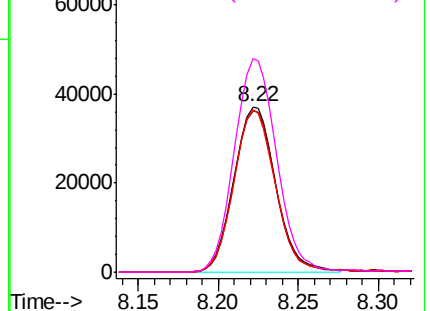


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.666 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030698.D

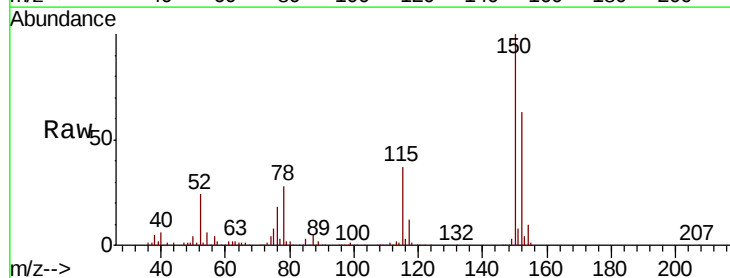
Acq: 04 Apr 2019 21:19

Tgt Ion: 75 Resp: 26547

Ion Ratio Lower Upper

75 100

77 33.8 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

