

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031088.D
 Acq On : 11 Apr 2019 22:43
 Operator : JC/SP
 Sample : K2354-01ME
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2T3ME

Quant Time: Apr 12 04:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80385	21.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	42.78%#
7) Chloroethane-d5	1.64	69	66273	23.23	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.46%#
11) 1,1-Dichloroethene-d2	2.23	63	124466	18.31	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	36.62%#
21) 2-Butanone-d5	4.19	46	167733	56.31	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	56.31%
24) Chloroform-d	4.64	84	154540	26.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	53.84%#
26) 1,2-Dichloroethane-d4	5.30	65	114632	29.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.52%#
32) Benzene-d6	5.33	84	317213	25.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.52%#
36) 1,2-Dichloropropane-d6	6.32	67	111429	26.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	52.82%#
41) Toluene-d8	7.56	98	260406	23.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.72%#
43) trans-1,3-Dichloropropene-	7.85	79	46871	24.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.72%#
47) 2-Hexanone-d5	8.32	63	110314	57.20	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	57.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	175209	30.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.56%#
64) 1,2-Dichlorobenzene-d4	11.86	152	111433	28.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.50%#

Target Compounds

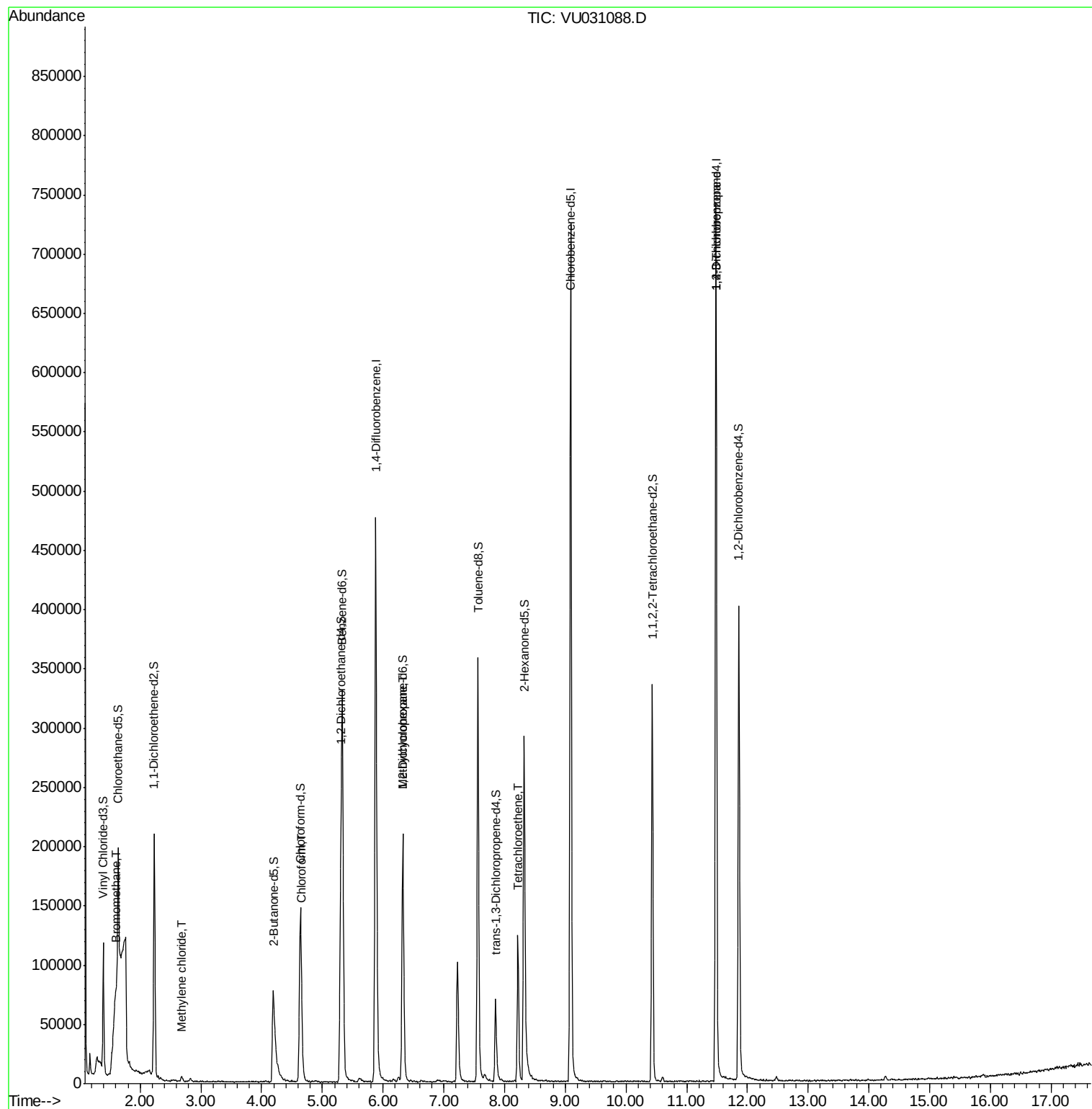
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.59	94	1344	0.560	ug/L	78
16) Methylene chloride	2.68	84	2005	0.567	ug/L	87
25) Chloroform	4.66	83	9051	1.412	ug/L	96
35) Methylcyclohexane	6.32	83	25407	4.863	ug/L #	14
46) Tetrachloroethene	8.22	164	28880	11.735	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	23046	4.924	ug/L #	86

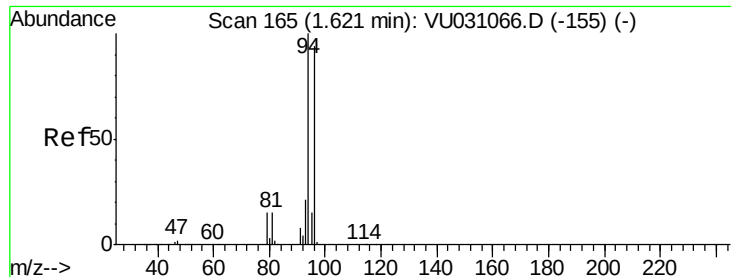
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.560 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU031088.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

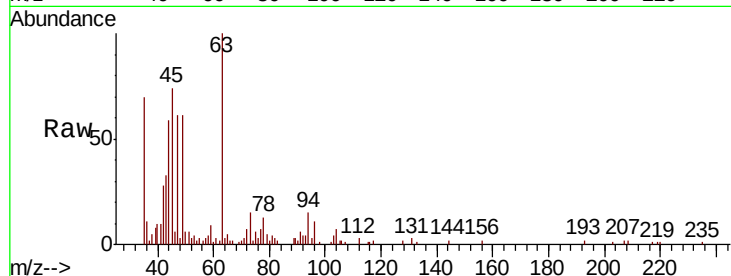
BF2T3ME

Tot Ion: 94 Resp: 1344

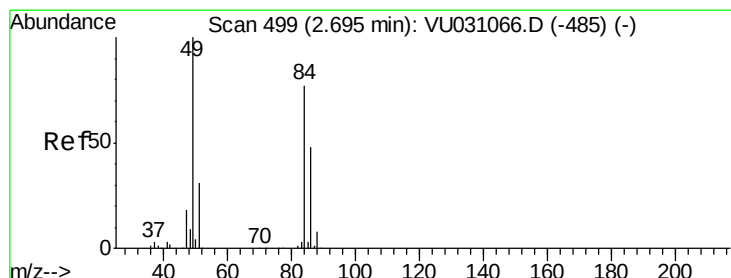
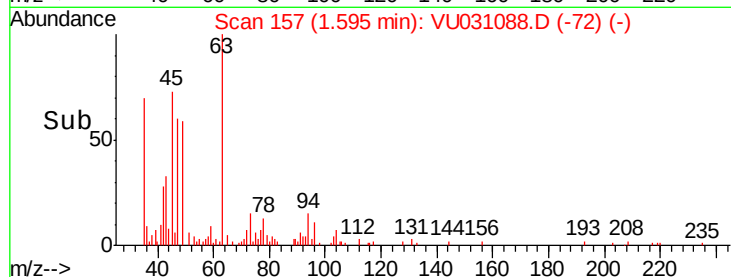
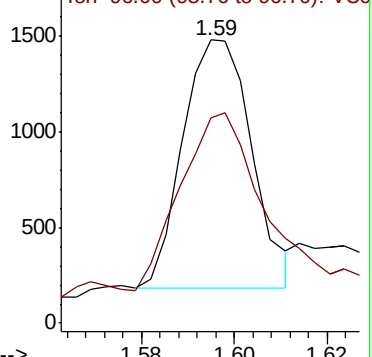
Ion Ratio Lower Upper

94 100

96 72.4 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU031066.D (-155) (-)



#16

Methylene chloride

Concen: 0.567 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.01 min

Lab File: VU031088.D

Acq: 11 Apr 2019 22:43

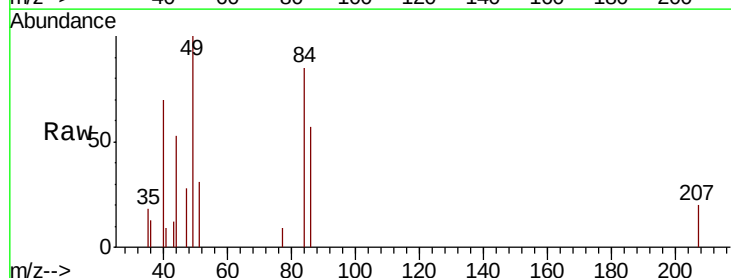
Tgt Ion: 84 Resp: 2005

Ion Ratio Lower Upper

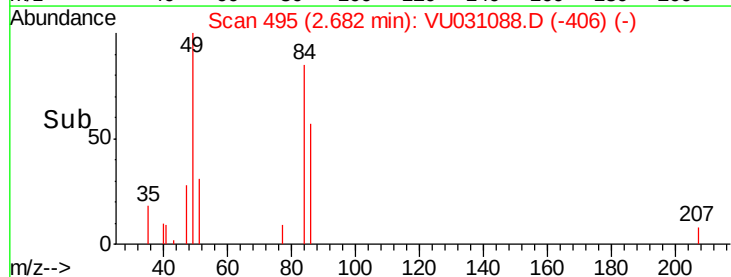
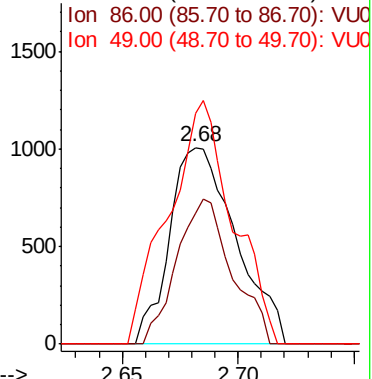
84 100

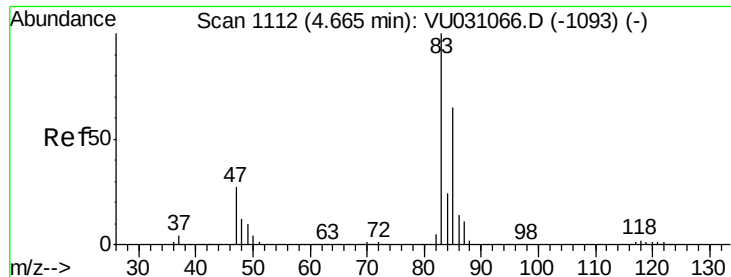
86 66.6 45.1 83.7

49 117.1 96.5 179.1



Abundance Ion 84.00 (83.70 to 84.70): VU031066.D (-485) (-)

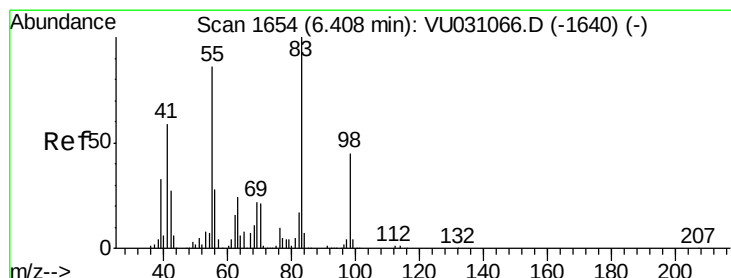
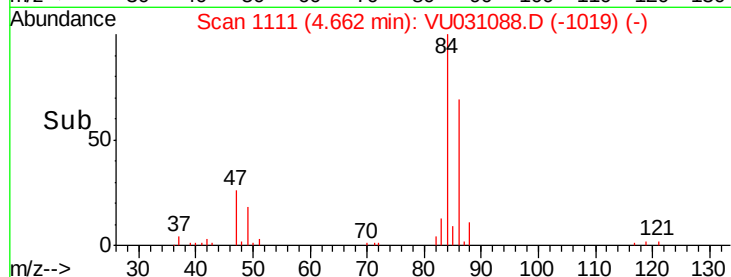
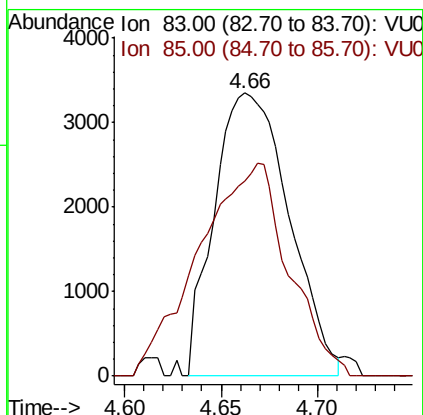
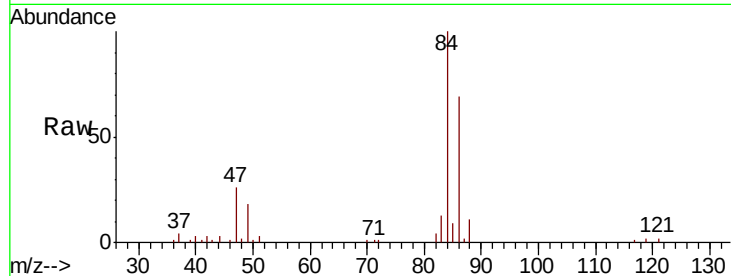




#25
Chloroform
Concen: 1.412 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031088.D
Acq: 11 Apr 2019 22:43

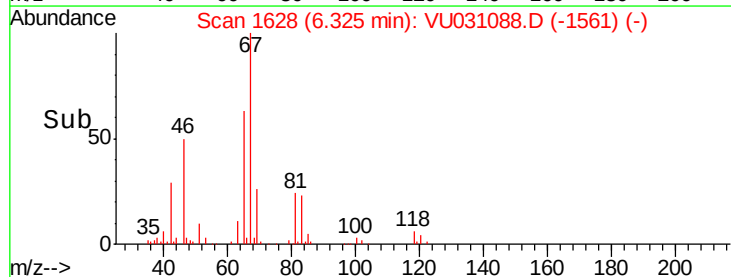
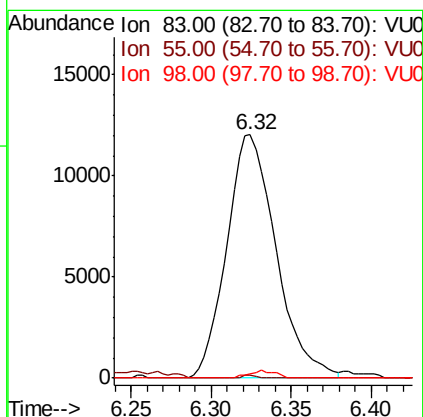
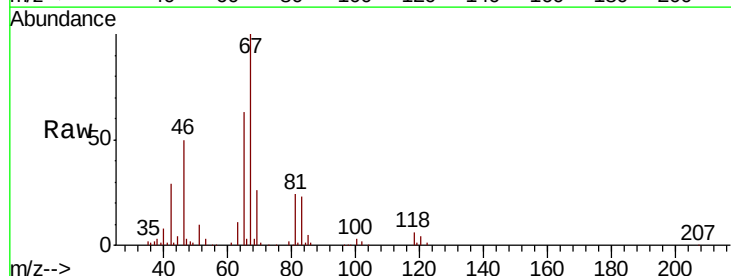
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ClientSampleId :
BF2T3ME

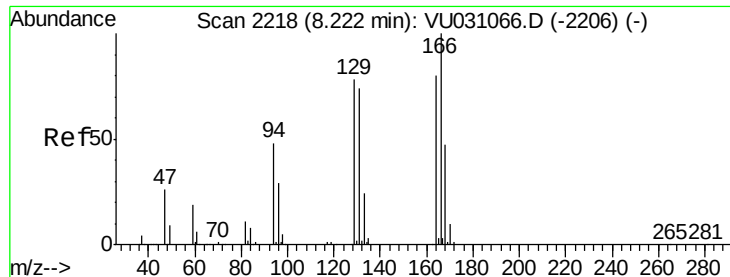
Tot Ion: 83 Resp: 9051
Ion Ratio Lower Upper
83 100
85 68.9 45.8 85.0



#35
Methylcyclohexane
Concen: 4.863 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031088.D
Acq: 11 Apr 2019 22:43

Tgt Ion: 83 Resp: 25407
Ion Ratio Lower Upper
83 100
55 0.3 71.6 107.4#
98 1.1 35.4 53.0#





#46

Tetrachloroethene

Concen: 11.735 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031088.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

BF2T3ME

Tot Ion:164 Resp: 28880

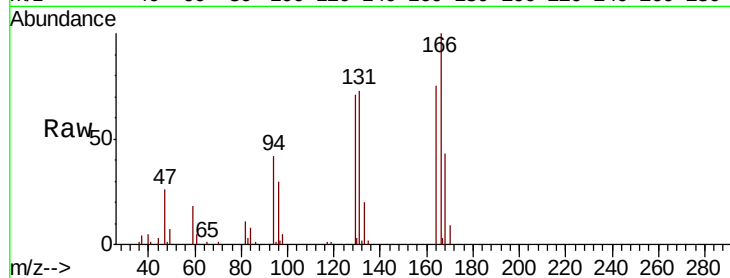
Ion Ratio Lower Upper

164 100

129 94.8 67.4 125.2

131 96.8 65.9 122.5

166 132.8 88.6 164.6

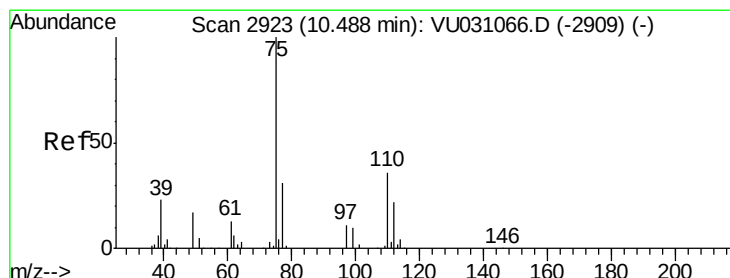
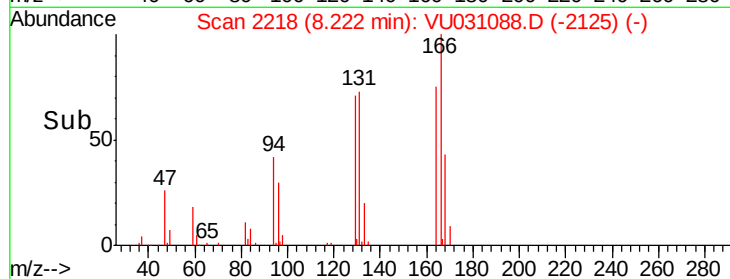
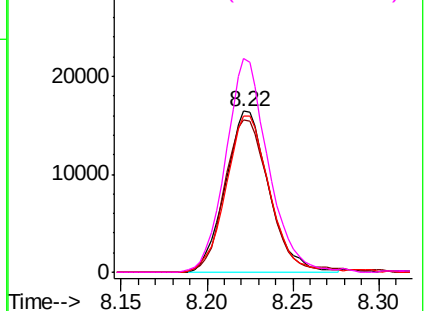


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.924 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031088.D

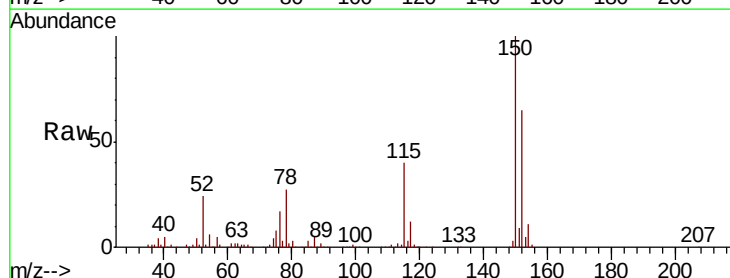
Acq: 11 Apr 2019 22:43

Tgt Ion: 75 Resp: 23046

Ion Ratio Lower Upper

75 100

77 40.5 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

