

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031084.D
 Acq On : 11 Apr 2019 21:11
 Operator : JC/SP
 Sample : K2340-22ME
 Misc : 5.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S8ME

Quant Time: Apr 12 04:51:02 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	633890	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316005	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	188179	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.52%
7) Chloroethane-d5	1.64	69	163034	37.96	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.92%
11) 1,1-Dichloroethene-d2	2.23	63	292149	28.55	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.10%#
21) 2-Butanone-d5	4.18	46	449310	100.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.19%
24) Chloroform-d	4.64	84	379731	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.30	65	276870	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.33	84	772832	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
36) 1,2-Dichloropropane-d6	6.32	67	276677	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.56	98	664647	40.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.50%
43) trans-1,3-Dichloropropene-	7.85	79	125859	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.32	63	312060	106.94	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	440548	51.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	296639	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%

Target Compounds

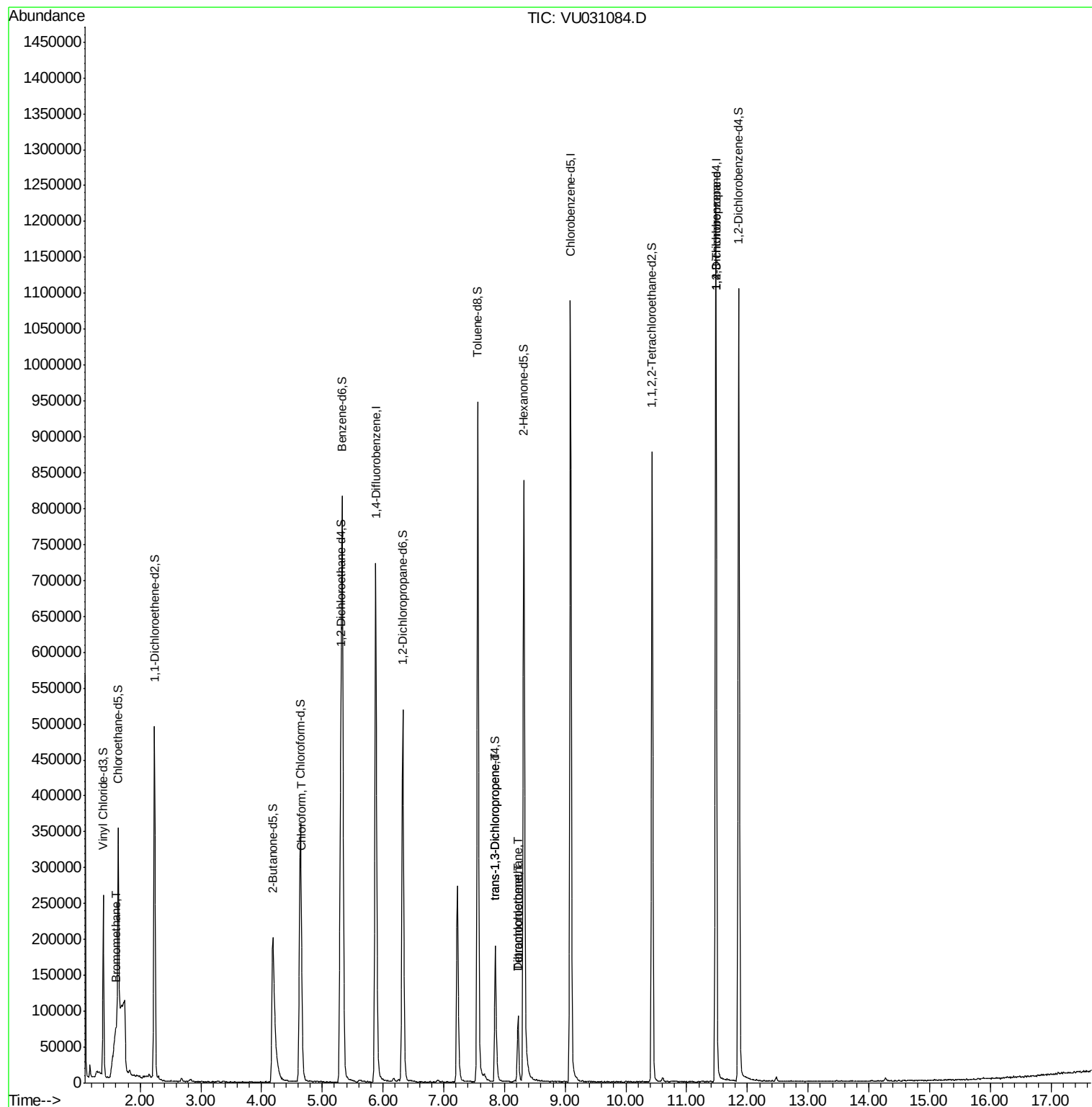
					Ovalue
6) Bromomethane	1.60	94	2042	0.565 ug/L	77
25) Chloroform	4.66	83	21376	2.215 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	4402	0.593 ug/L	84
46) Tetrachloroethene	8.22	164	22089	5.932 ug/L	95
49) Dibromochloromethane	8.22	129	19738	3.709 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	38492	5.435 ug/L	95

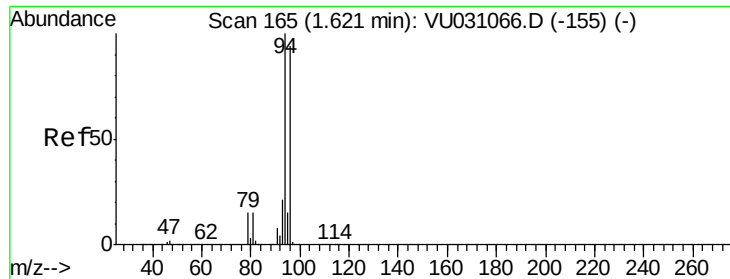
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Bromomethane

Concen: 0.565 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU031084.D

Acq: 11 Apr 2019 21:11

Instrument :

MSVOA_U

ClientSampleId :

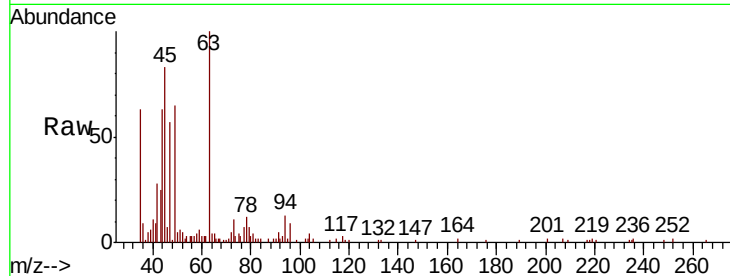
BF2S8ME

Tot Ion: 94 Resp: 2042

Ion Ratio Lower Upper

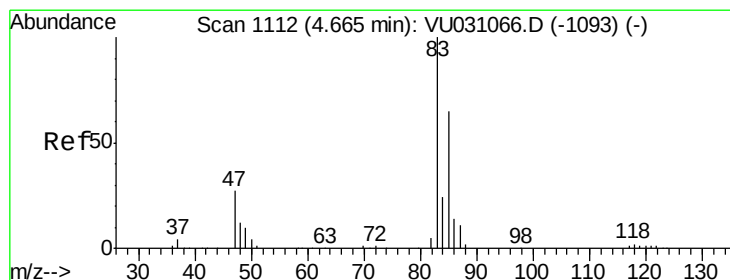
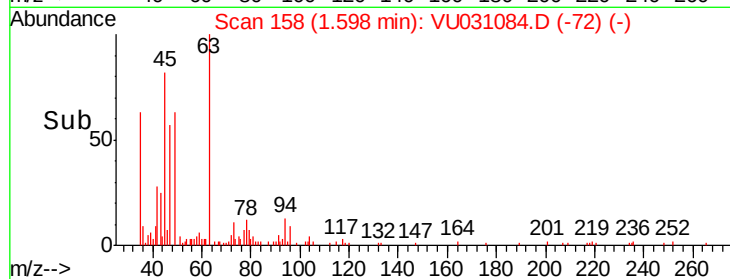
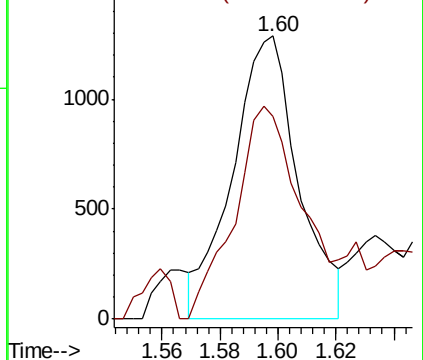
94 100

96 71.5 65.5 121.7



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

Ion 96.00 (95.70 to 96.70): VU031066.D (-155) (-)



#25

Chloroform

Concen: 2.215 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU031084.D

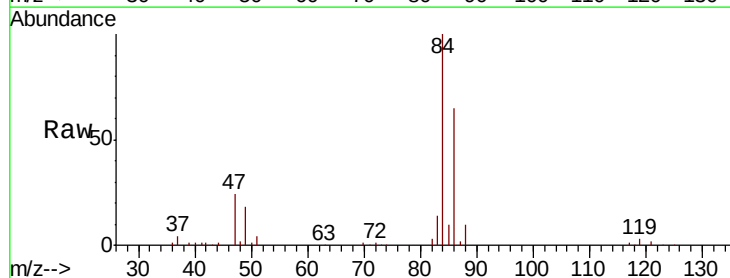
Acq: 11 Apr 2019 21:11

Tgt Ion: 83 Resp: 21376

Ion Ratio Lower Upper

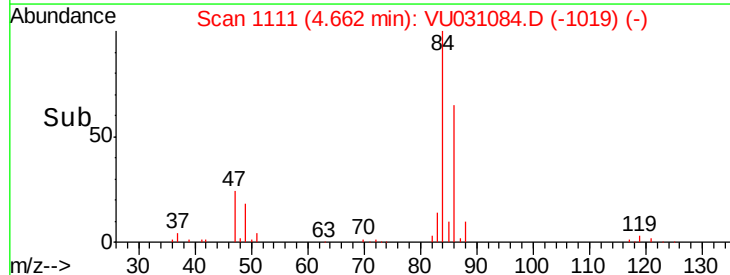
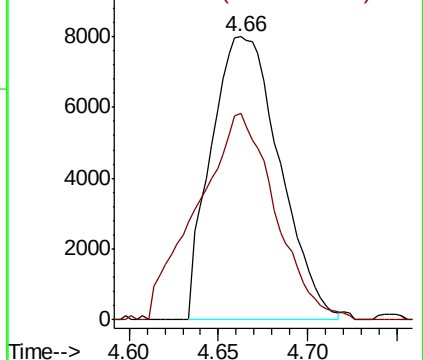
83 100

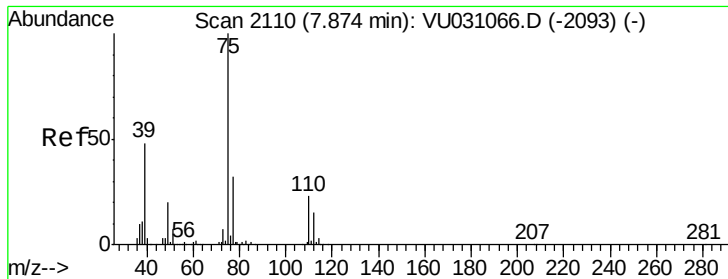
85 73.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.593 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031084.D

Acq: 11 Apr 2019 21:11

Instrument :

MSVOA_U

ClientSampleId :

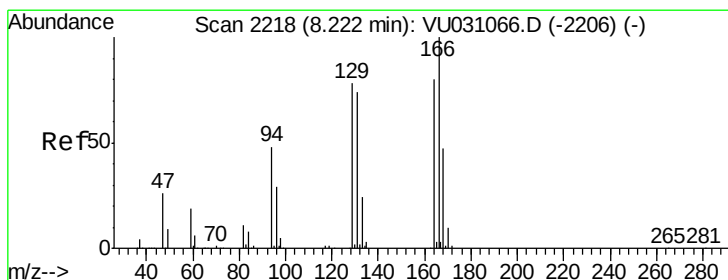
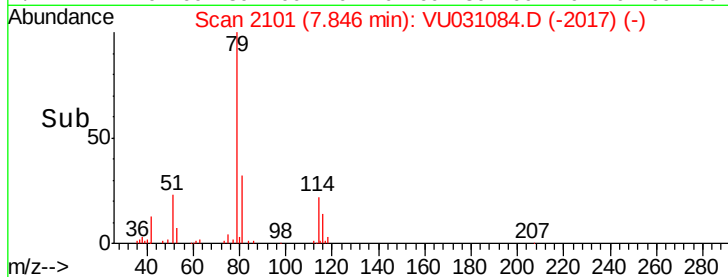
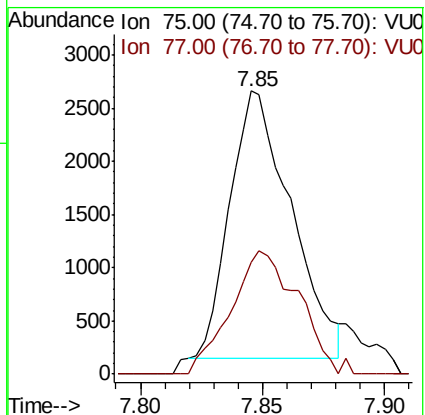
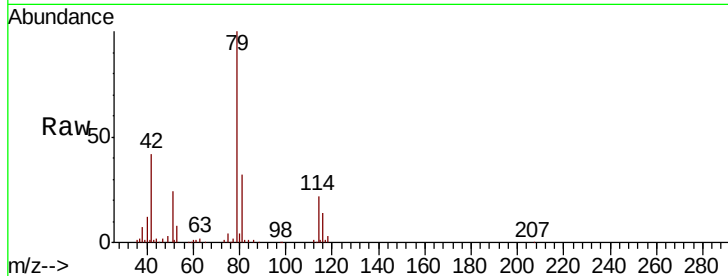
BF2S8ME

Tot Ion: 75 Resp: 4402

Ion Ratio Lower Upper

75 100

77 39.7 21.6 40.0



#46

Tetrachloroethene

Concen: 5.932 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031084.D

Acq: 11 Apr 2019 21:11

Tgt Ion: 164 Resp: 22089

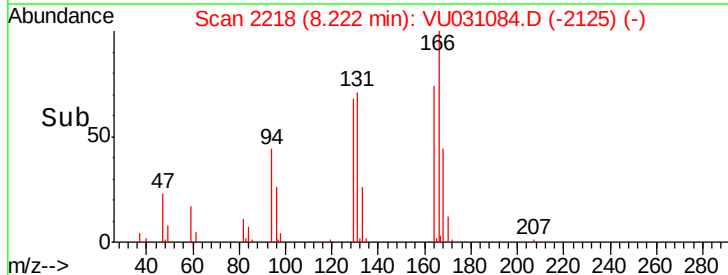
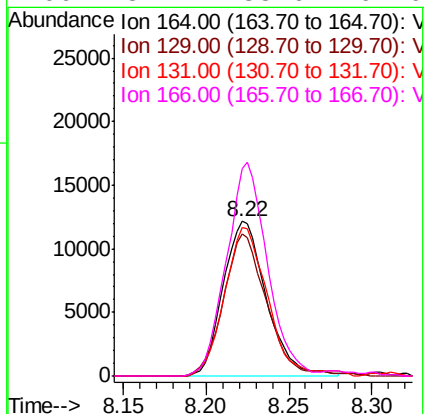
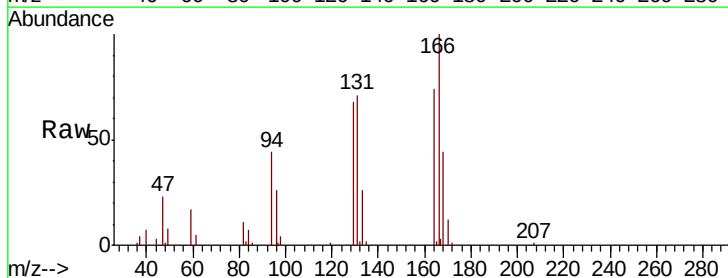
Ion Ratio Lower Upper

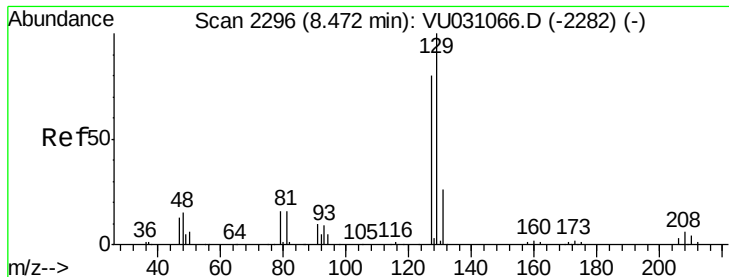
164 100

129 92.2 67.4 125.2

131 96.3 65.9 122.5

166 134.7 88.6 164.6

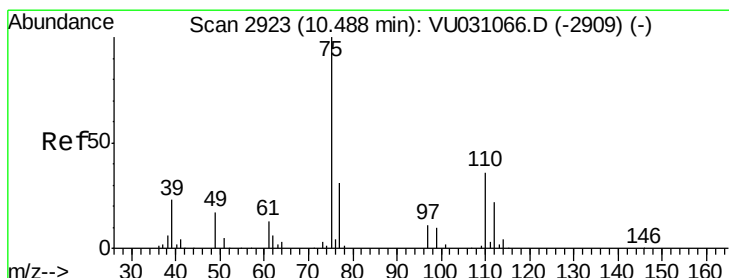
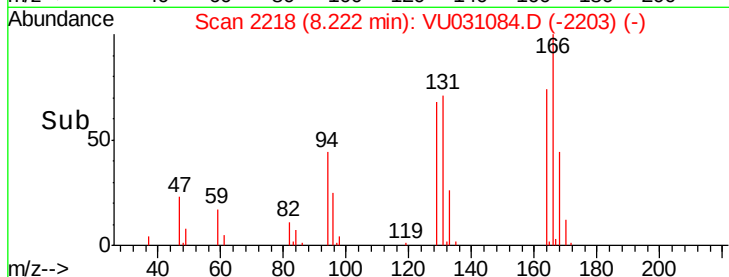
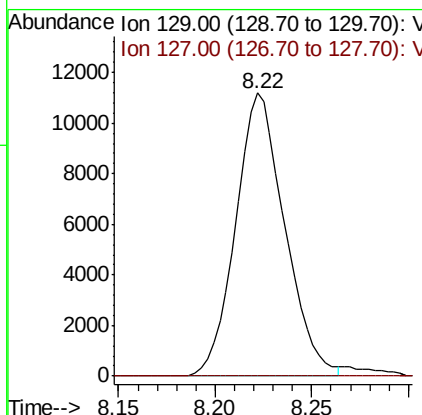
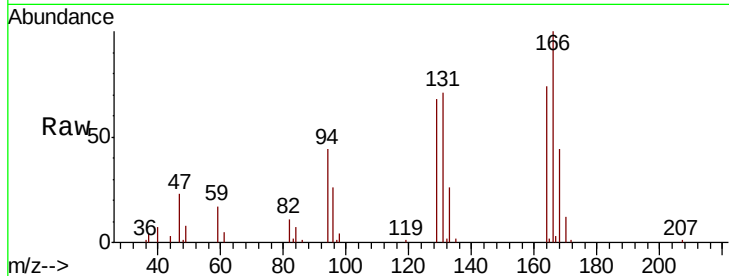




#49
 Dibromochloromethane
 Concen: 3.709 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.25 min
 Lab File: VU031084.D
 Acq: 11 Apr 2019 21:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S8ME

Tot Ion:129 Resp: 19738
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.435 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031084.D
 Acq: 11 Apr 2019 21:11

Tgt Ion: 75 Resp: 38492
 Ion Ratio Lower Upper
 75 100
 77 35.5 26.1 39.1

