

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026459.D
 Acq On : 30 Aug 2018 20:03
 Operator : MD/SY
 Sample : J4694-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	140248	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	54891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43773	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.76%
7) Chloroethane-d5	1.68	69	39245	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.02%
11) 1,1-Dichloroethene-d2	2.27	63	65207	33.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.64%
21) 2-Butanone-d5	4.18	46	68153	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	4.65	84	80304	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.31	65	53991	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
32) Benzene-d6	5.34	84	159148	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.33	67	53942	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.60%
41) Toluene-d8	7.57	98	143143	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%
43) trans-1,3-Dichloropropene-	7.85	79	23317	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.31	63	49722	105.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75209	49.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	55487	55.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.44%

Target Compounds

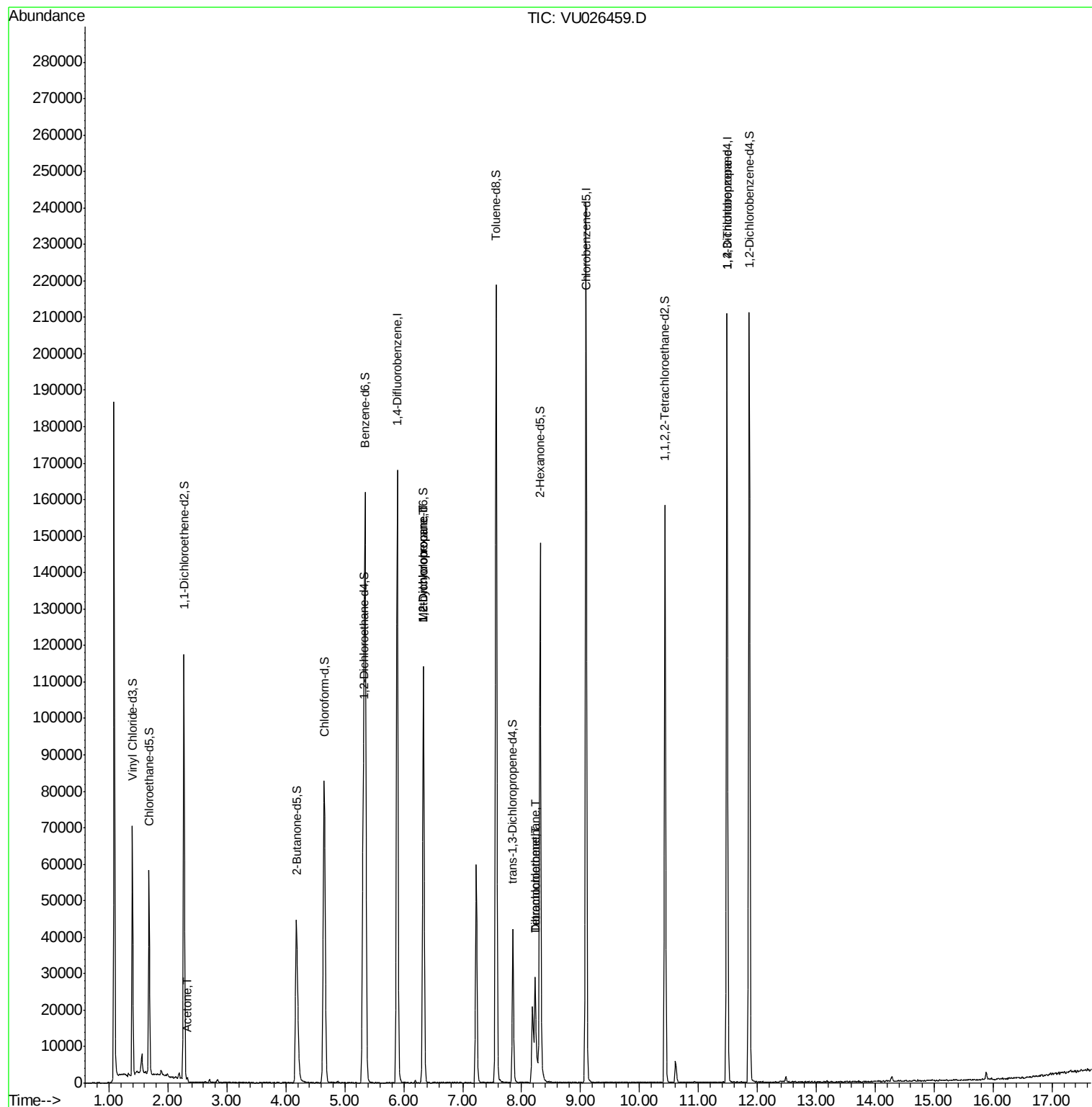
					Ovalue
13) Acetone	2.32	43	774	1.325 ug/L	94
35) Methylcyclohexane	6.33	83	12342	8.438 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5849	5.658 ug/L #	88
46) Tetrachloroethene	8.23	164	5214	6.809 ug/L	96
49) Dibromochloromethane	8.23	129	4451	4.171 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6571	5.094 ug/L	89

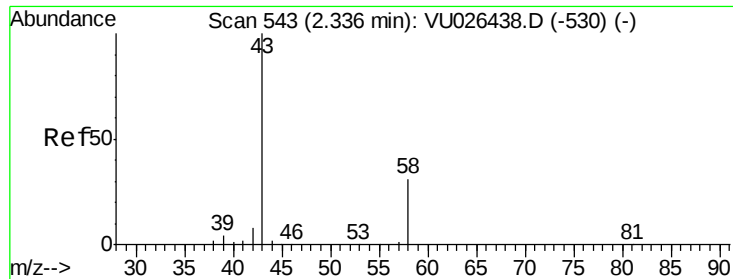
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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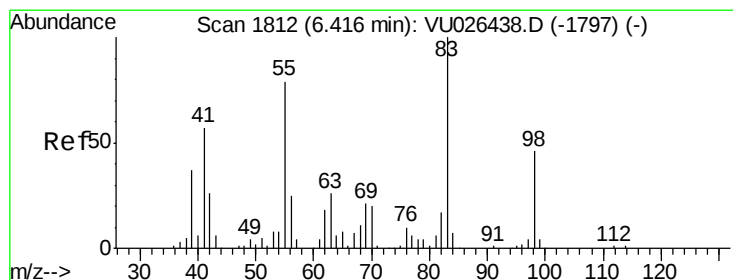
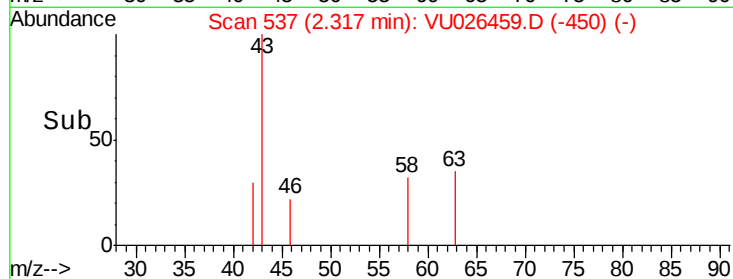
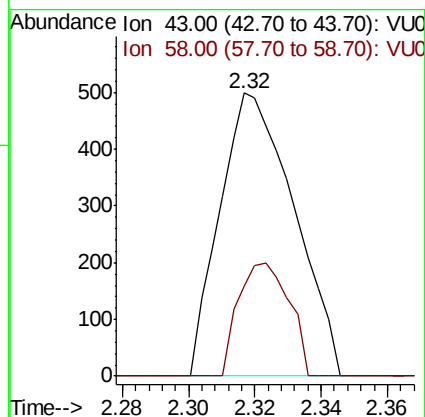
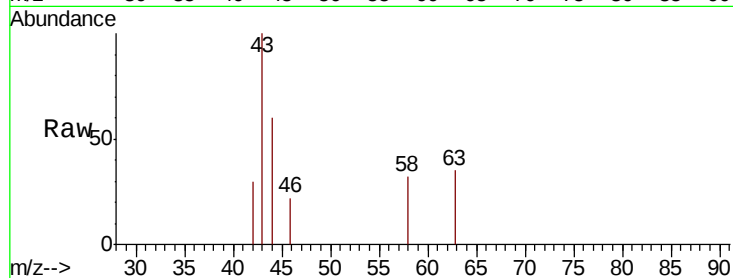




#13
Acetone
Concen: 1.325 ug/L
RT: 2.32 min Scan# 537
Delta R.T. -0.02 min
Lab File: VU026459.D
Acq: 30 Aug 2018 20:03

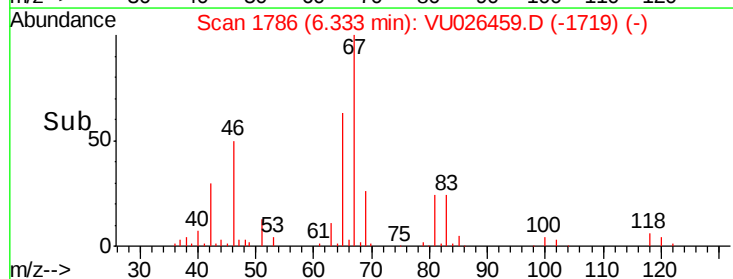
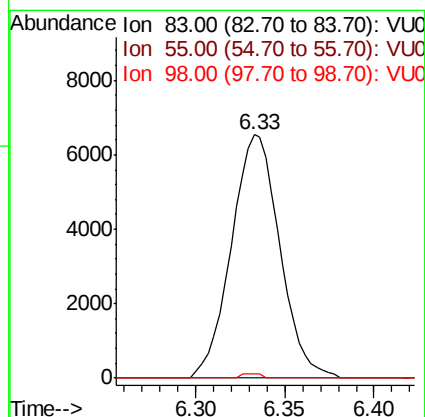
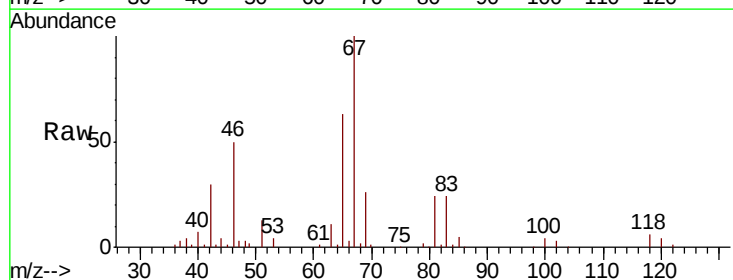
Instrument :
MSVOA_U
ClientSampled :

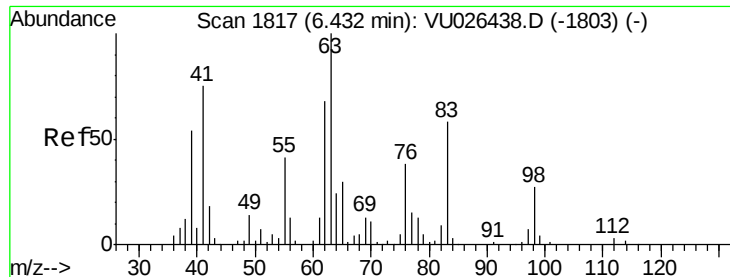
Tot Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 27.3 0.0 61.2



#35
Methylcyclohexane
Concen: 8.438 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026459.D
Acq: 30 Aug 2018 20:03

Tgt Ion: 83 Resp: 12342
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.5 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 5.658 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026459.D

Acq: 30 Aug 2018 20:03

Instrument :

MSVOA_U

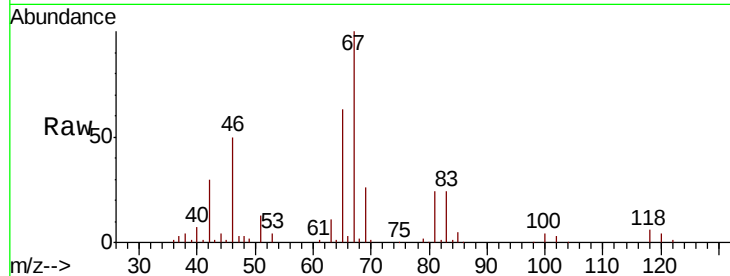
ClientSampleId :

Tot Ion: 63 Resp: 5849

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026438.D (-1803) (-)

Ion 112.00 (111.70 to 112.70): VU026438.D (-1803) (-)

6.33

3000

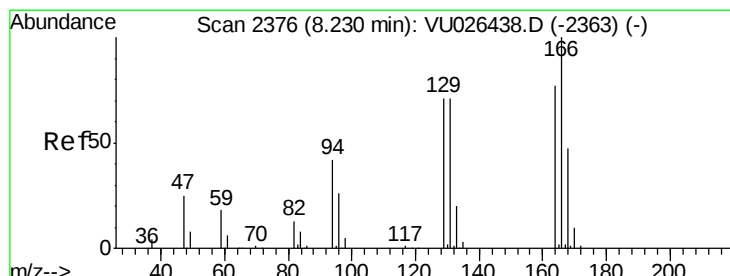
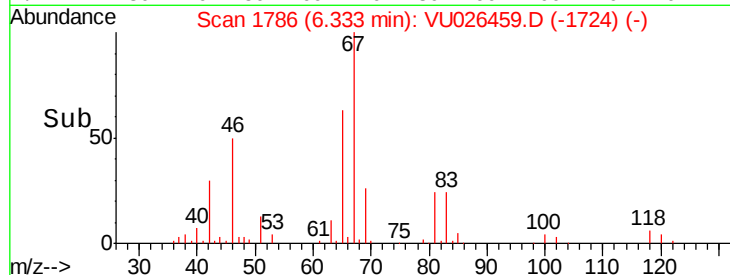
2000

1000

0

6.30 6.35 6.40

Time-->



#46

Tetrachloroethene

Concen: 6.809 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026459.D

Acq: 30 Aug 2018 20:03

Tgt Ion:164 Resp: 5214

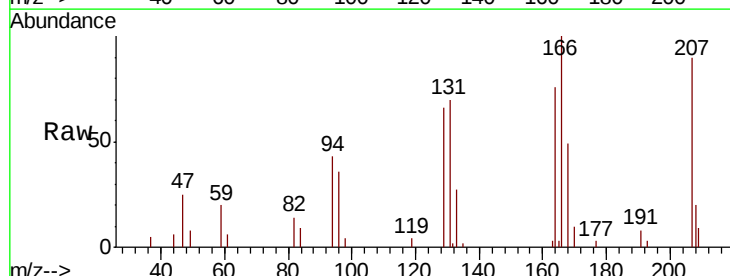
Ion Ratio Lower Upper

164 100

129 87.6 67.3 125.1

131 92.5 65.3 121.3

166 132.2 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026438.D (-2363) (-)

Ion 129.00 (128.70 to 129.70): VU026438.D (-2363) (-)

Ion 131.00 (130.70 to 131.70): VU026438.D (-2363) (-)

Ion 166.00 (165.70 to 166.70): VU026438.D (-2363) (-)

8.23

6000

5000

4000

3000

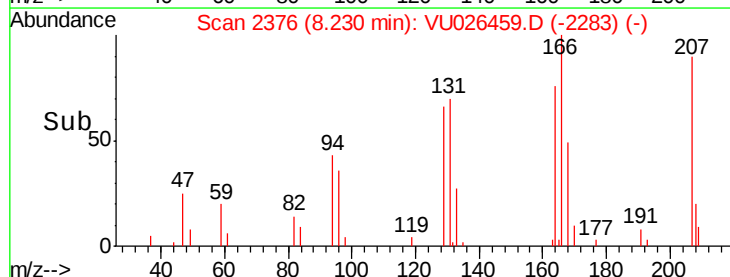
2000

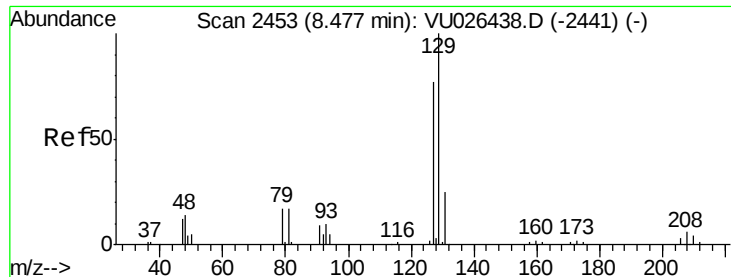
1000

0

8.20 8.25

Time-->

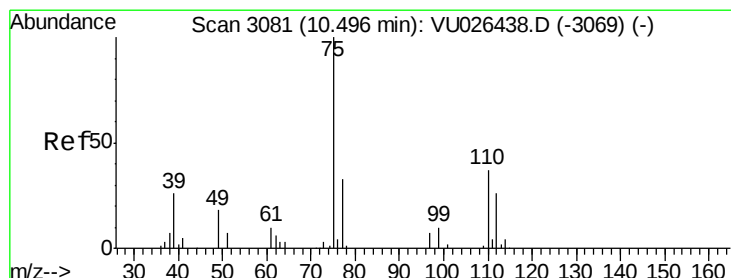
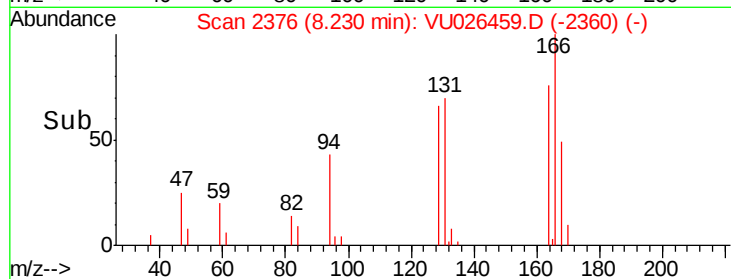
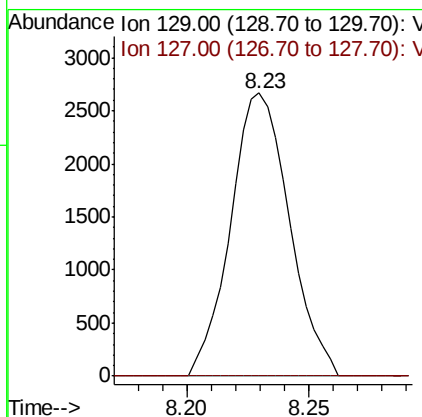
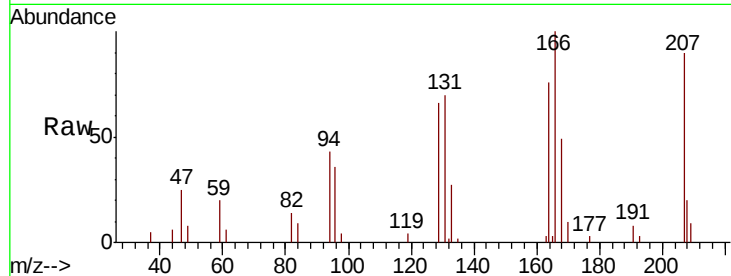




#49
 Dibromochloromethane
 Concen: 4.171 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026459.D
 Acq: 30 Aug 2018 20:03

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 4451
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.094 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026459.D
 Acq: 30 Aug 2018 20:03

Tgt Ion: 75 Resp: 6571
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.0 37.6

