

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026450.D
 Acq On : 30 Aug 2018 16:34
 Operator : MD/SY
 Sample : J4691-16 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:59 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	144959	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	138078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44373	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.82%
7) Chloroethane-d5	1.68	69	40206	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.27	63	59705	29.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.04%#
21) 2-Butanone-d5	4.18	46	69124	99.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	4.65	84	78793	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
26) 1,2-Dichloroethane-d4	5.31	65	54131	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
32) Benzene-d6	5.35	84	156730	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	54277	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.57	98	143892	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%
43) trans-1,3-Dichloropropene-	7.85	79	23603	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
47) 2-Hexanone-d5	8.31	63	50897	101.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76203	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	56054	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

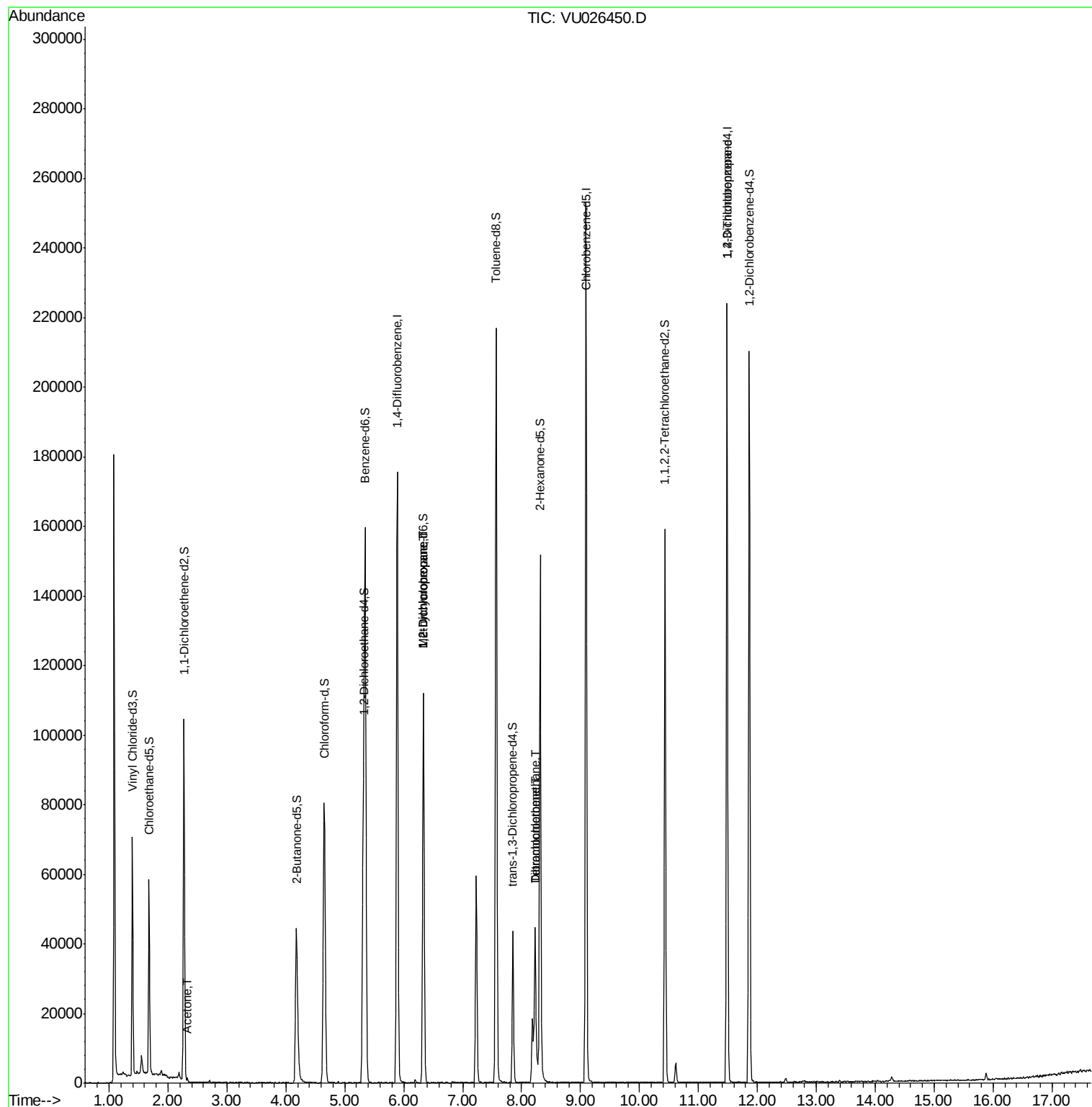
					Ovalue
13) Acetone	2.32	43	739	1.224 ug/L	63
35) Methylcyclohexane	6.33	83	12052	7.773 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5538	5.053 ug/L #	88
46) Tetrachloroethene	8.23	164	8706	10.724 ug/L	95
49) Dibromochloromethane	8.23	129	7964	7.040 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6871	5.025 ug/L #	85

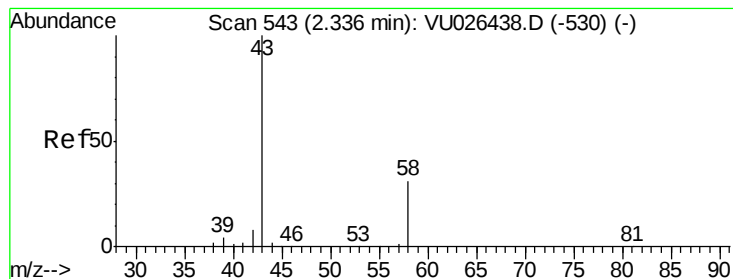
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.224 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU026450.D

Acq: 30 Aug 2018 16:34

Instrument :

MSVOA_U

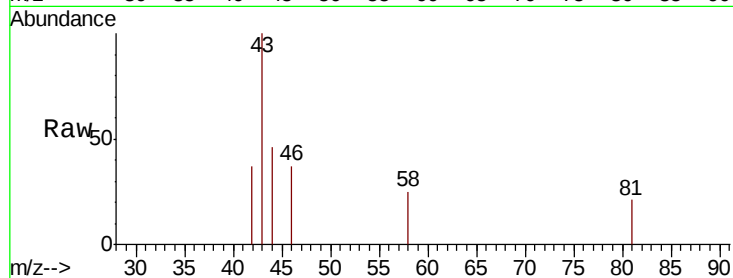
ClientSampleId :

Tot Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

58 10.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

500

400

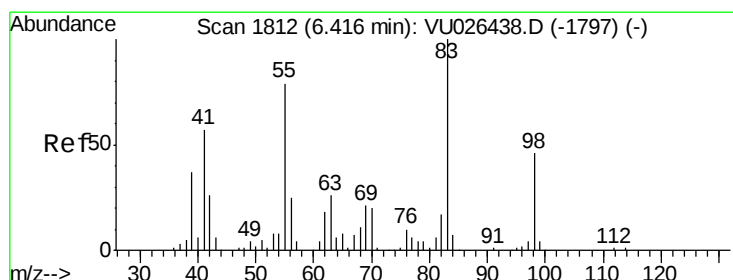
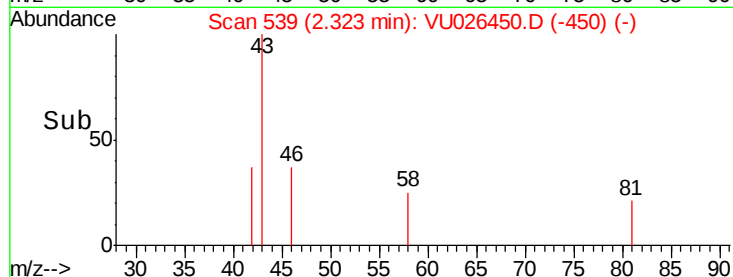
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 7.773 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026450.D

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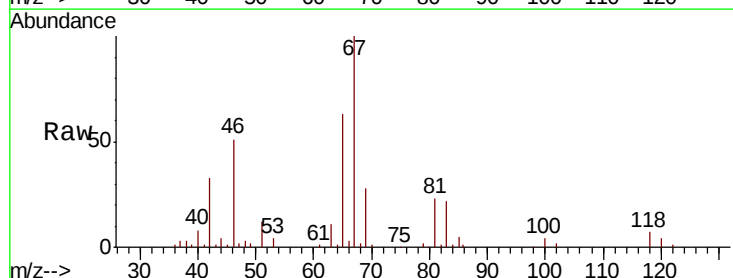
Tgt Ion: 83 Resp: 12052

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.9 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

8000

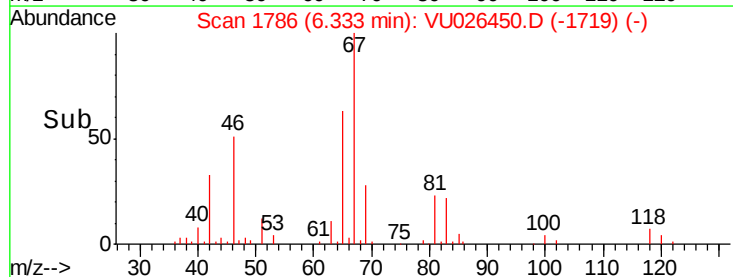
6000

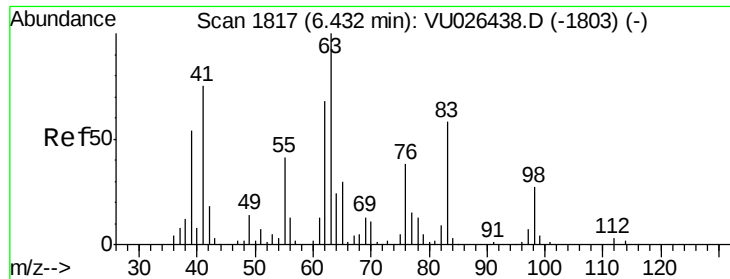
4000

2000

0

Time-->

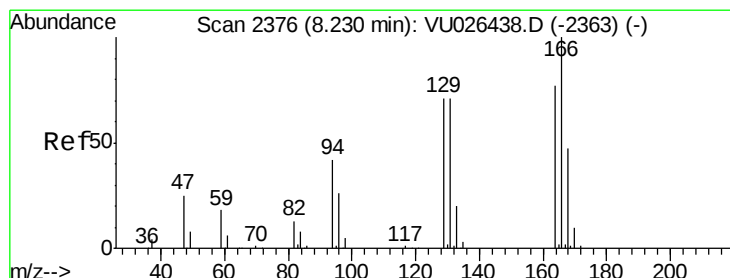
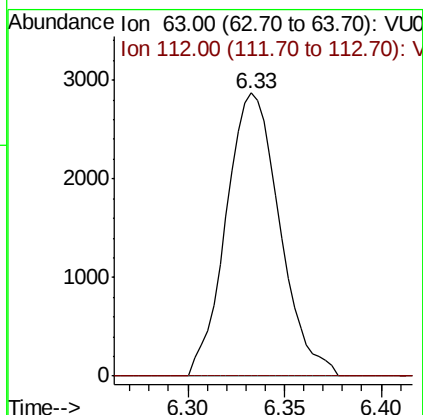
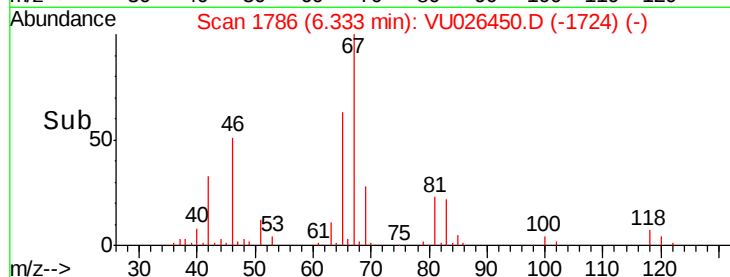
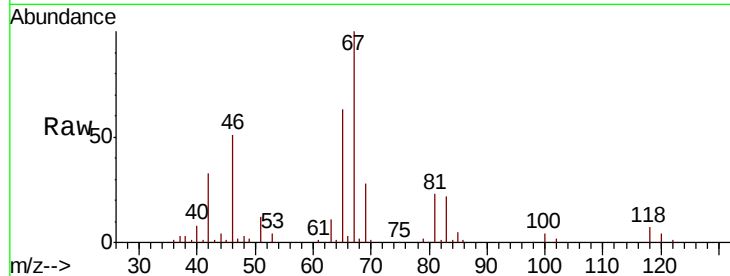




#37
 1,2-Dichloropropane
 Concen: 5.053 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026450.D
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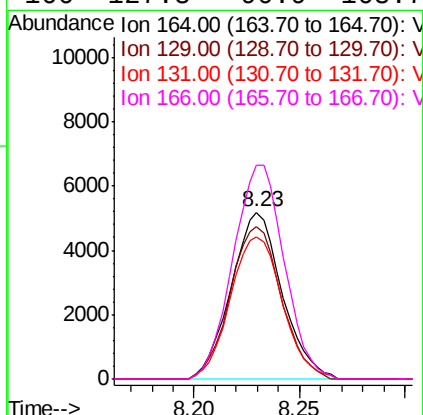
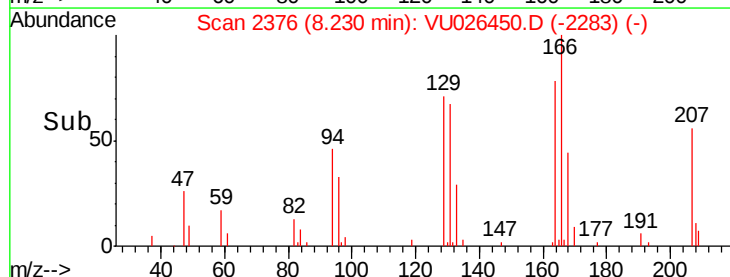
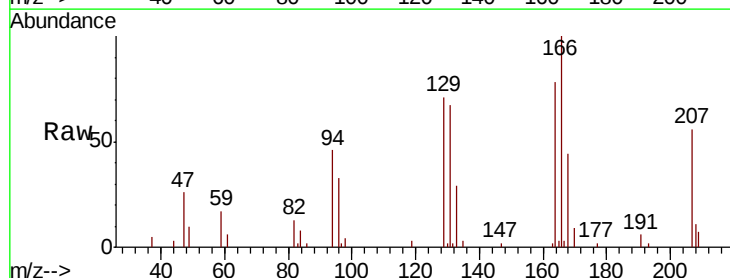
Instrument :
 MSVOA_U
 ClientSampleId :

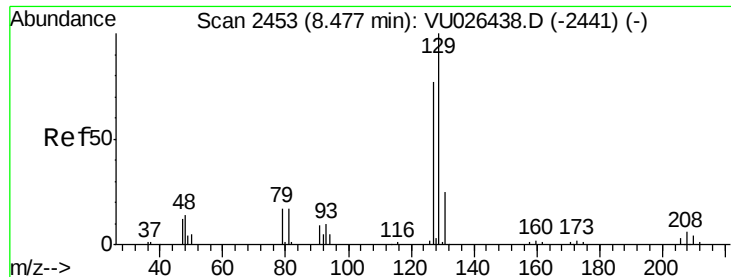
Tot Ion: 63 Resp: 5538
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 10.724 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026450.D
 Acq: 30 Aug 2018 16:34

Tgt Ion:164 Resp: 8706
 Ion Ratio Lower Upper
 164 100
 129 91.2 67.3 125.1
 131 85.0 65.3 121.3
 166 127.8 90.9 168.7

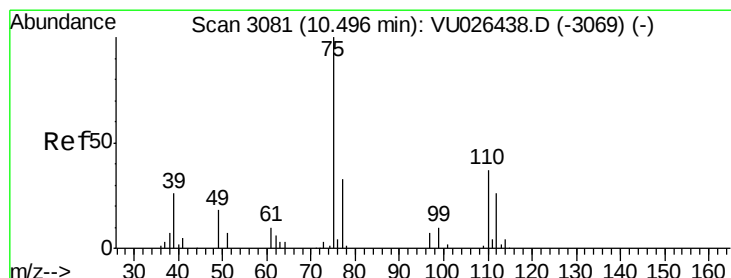
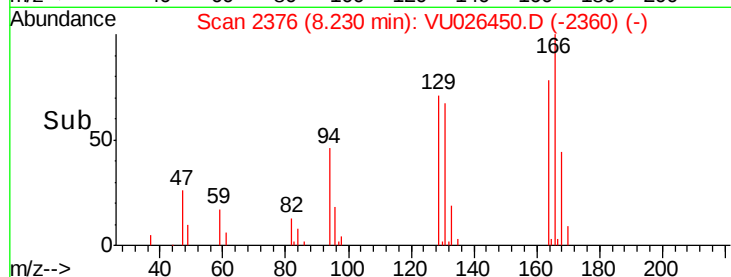
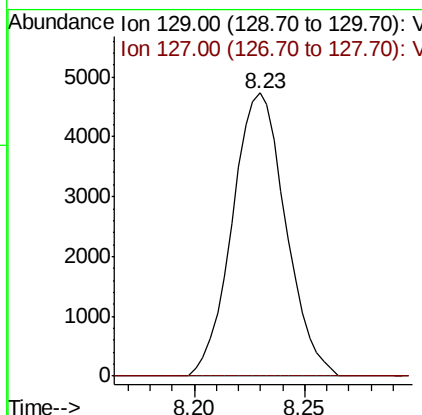
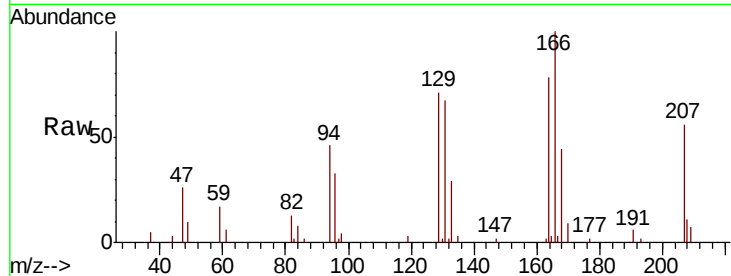




#49
 Dibromochloromethane
 Concen: 7.040 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026450.D
 Acq: 30 Aug 2018 16:34

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 7964
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.025 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026450.D
 Acq: 30 Aug 2018 16:34

Tgt Ion: 75 Resp: 6871
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.0 37.6#

