

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026447.D
 Acq On : 30 Aug 2018 15:24
 Operator : MD/SY
 Sample : J4691-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:37 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	143440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45914	51.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.32%
7) Chloroethane-d5	1.68	69	39569	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	60667	30.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.62%
21) 2-Butanone-d5	4.18	46	68555	99.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.39%
24) Chloroform-d	4.65	84	77059	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.31	65	53942	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
32) Benzene-d6	5.34	84	158686	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
36) 1,2-Dichloropropane-d6	6.33	67	54627	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.57	98	144008	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%
43) trans-1,3-Dichloropropene-	7.85	79	23568	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
47) 2-Hexanone-d5	8.31	63	51154	102.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76154	47.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	56738	54.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.34%

Target Compounds

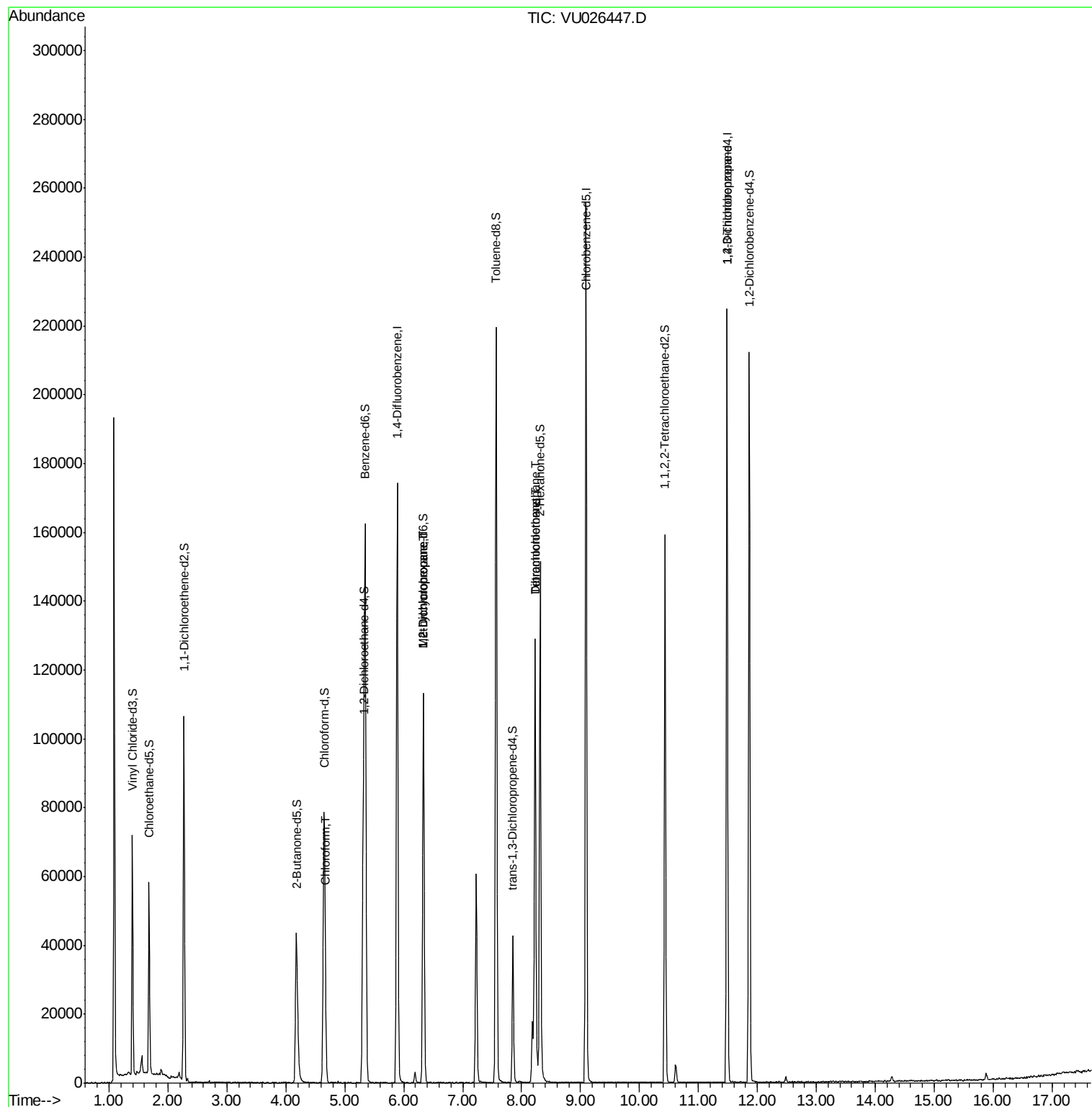
					Ovalue
25) Chloroform	4.68	83	3742	2.014 ug/L	98
35) Methylcyclohexane	6.33	83	12552	8.143 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5841	5.361 ug/L #	88
46) Tetrachloroethene	8.23	164	28138	34.862 ug/L	98
49) Dibromochloromethane	8.23	129	25998	23.116 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6794	4.997 ug/L #	88

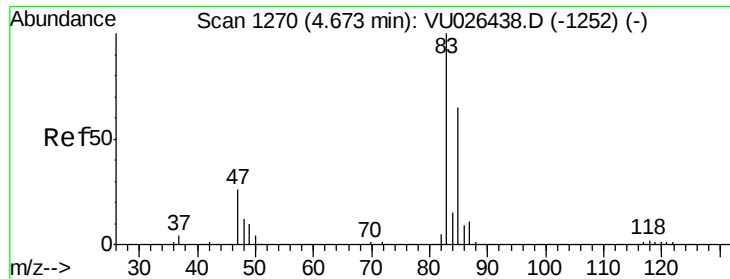
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
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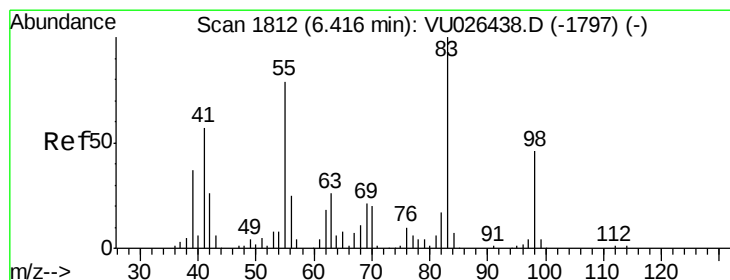
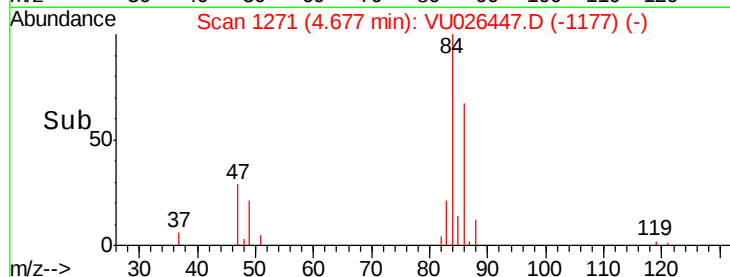
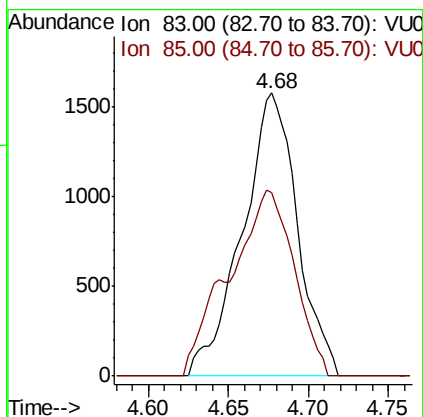
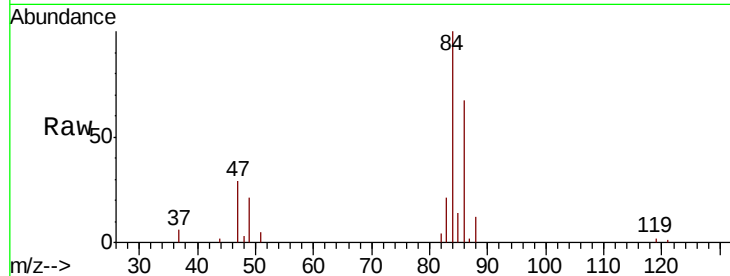




#25
Chloroform
Concen: 2.014 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026447.D
Acq: 30 Aug 2018 15:24

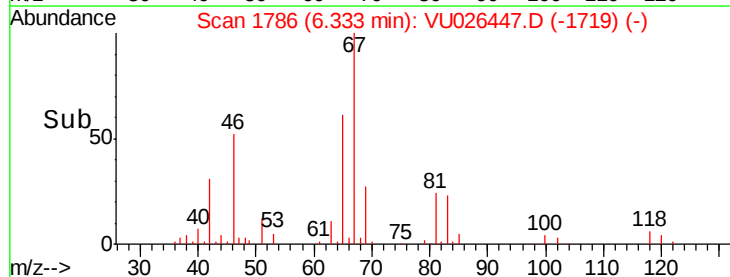
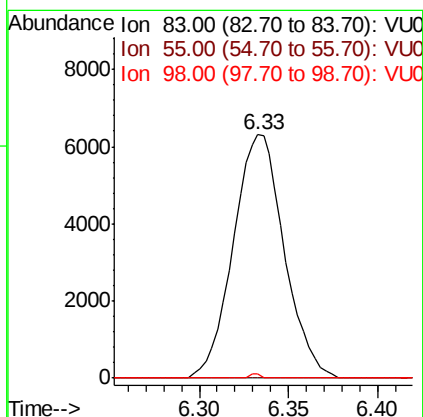
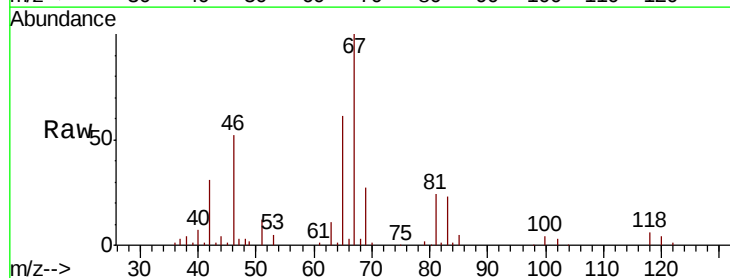
Instrument :
MSVOA_U
ClientSampleId :

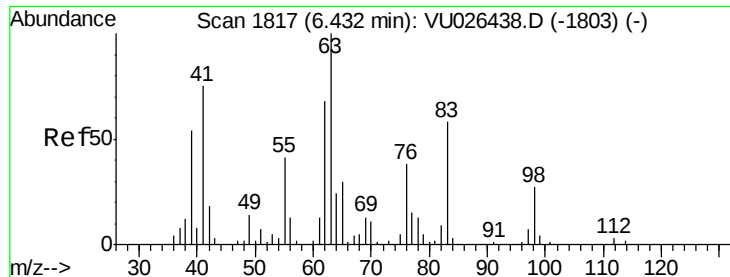
Tot Ion: 83 Resp: 3742
Ion Ratio Lower Upper
83 100
85 64.7 46.5 86.5



#35
Methylcyclohexane
Concen: 8.143 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026447.D
Acq: 30 Aug 2018 15:24

Tgt Ion: 83 Resp: 12552
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 5.361 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026447.D

Acq: 30 Aug 2018 15:24

Instrument :

MSVOA_U

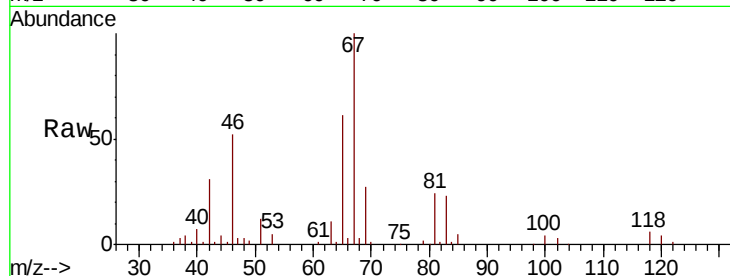
ClientSampleId :

Tot Ion: 63 Resp: 5841

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026447.D (-1724) (-)

Ion 112.00 (111.70 to 112.70): VU026447.D (-1724) (-)

6.33

3000

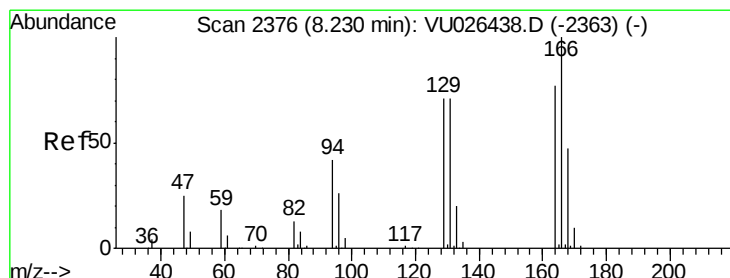
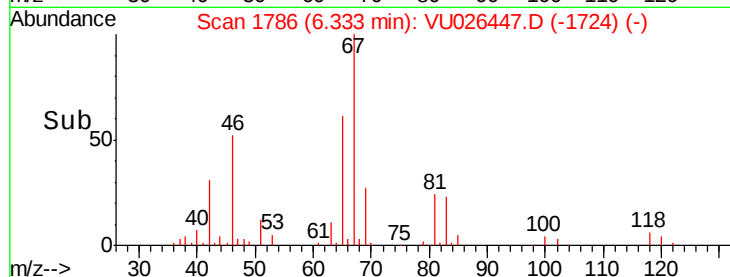
2000

1000

0

6.30 6.35 6.40

Time-->



#46

Tetrachloroethene

Concen: 34.862 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026447.D

Acq: 30 Aug 2018 15:24

Tgt Ion:164 Resp: 28138

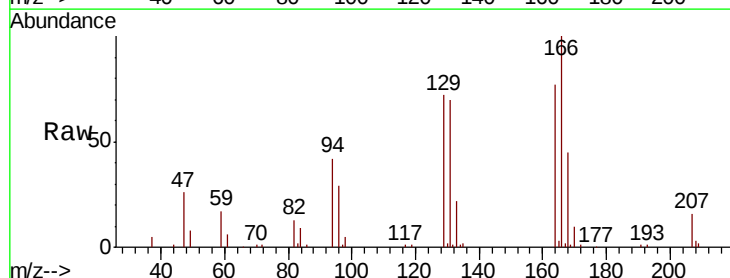
Ion Ratio Lower Upper

164 100

129 93.5 67.3 125.1

131 90.2 65.3 121.3

166 129.1 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026447.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026447.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026447.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026447.D (-2283) (-)

8.23

30000

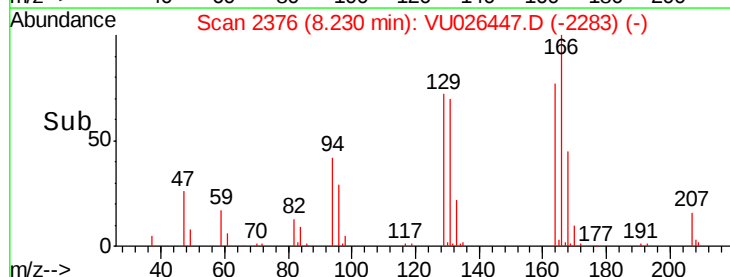
20000

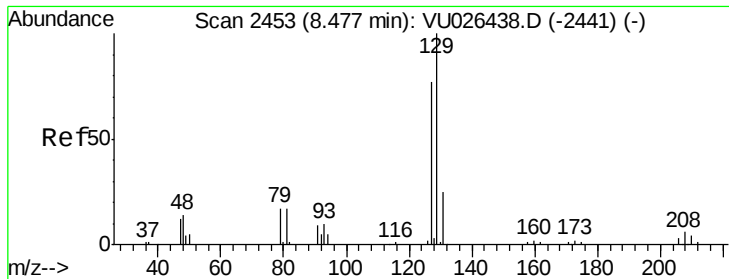
10000

0

8.20 8.25 8.30

Time-->

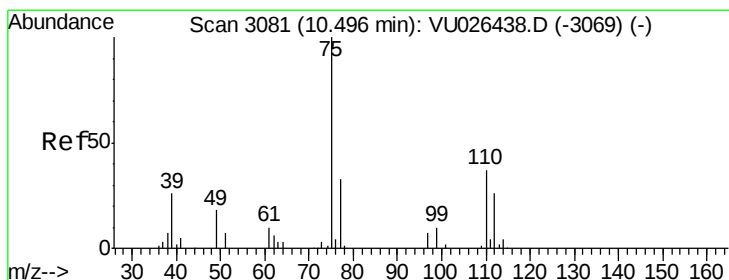
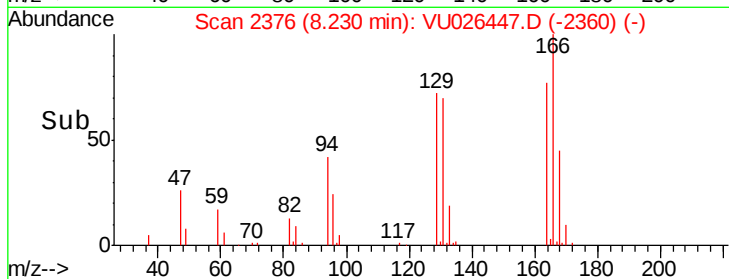
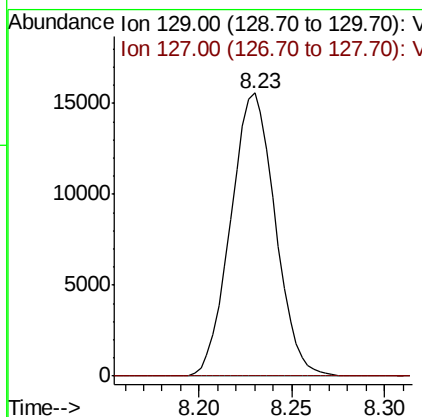
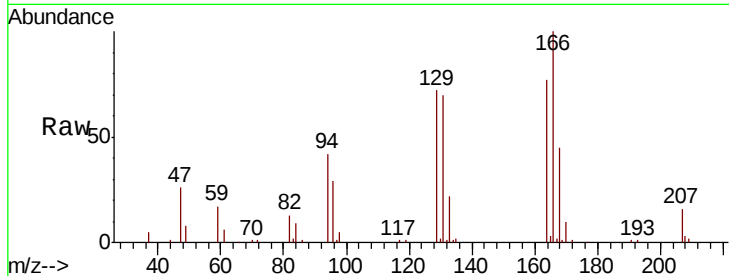




#49
Dibromochloromethane
Concen: 23.116 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026447.D
Acq: 30 Aug 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 25998
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#



#59
1,2,3-Trichloropropane
Concen: 4.997 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026447.D
Acq: 30 Aug 2018 15:24

Tgt Ion: 75 Resp: 6794
Ion Ratio Lower Upper
75 100
77 37.7 25.0 37.6#

