

Data File : VU030041.D  
 Acq On : 13 Mar 2019 19:48  
 Operator : JC/SP  
 Sample : K1838-22  
 Misc : 5.31g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF184

Quant Time: Mar 14 03:54:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 03:50:43 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536066	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	541747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120926	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.20%
7) Chloroethane-d5	1.64	69	56726	19.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.64%#
11) 1,1-Dichloroethene-d2	2.23	63	167448	26.16	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.32%#
21) 2-Butanone-d5	4.19	46	212387	79.95	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.95%
24) Chloroform-d	4.64	84	242901	38.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.38%
26) 1,2-Dichloroethane-d4	5.30	65	147392	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
32) Benzene-d6	5.33	84	514789	36.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.82%
36) 1,2-Dichloropropane-d6	6.32	67	163856	38.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.78%
41) Toluene-d8	7.56	98	464298	35.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.12%#
43) trans-1,3-Dichloropropene-	7.85	79	73650	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
47) 2-Hexanone-d5	8.32	63	213615	89.45	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295749	45.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	228637	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%

Target Compounds

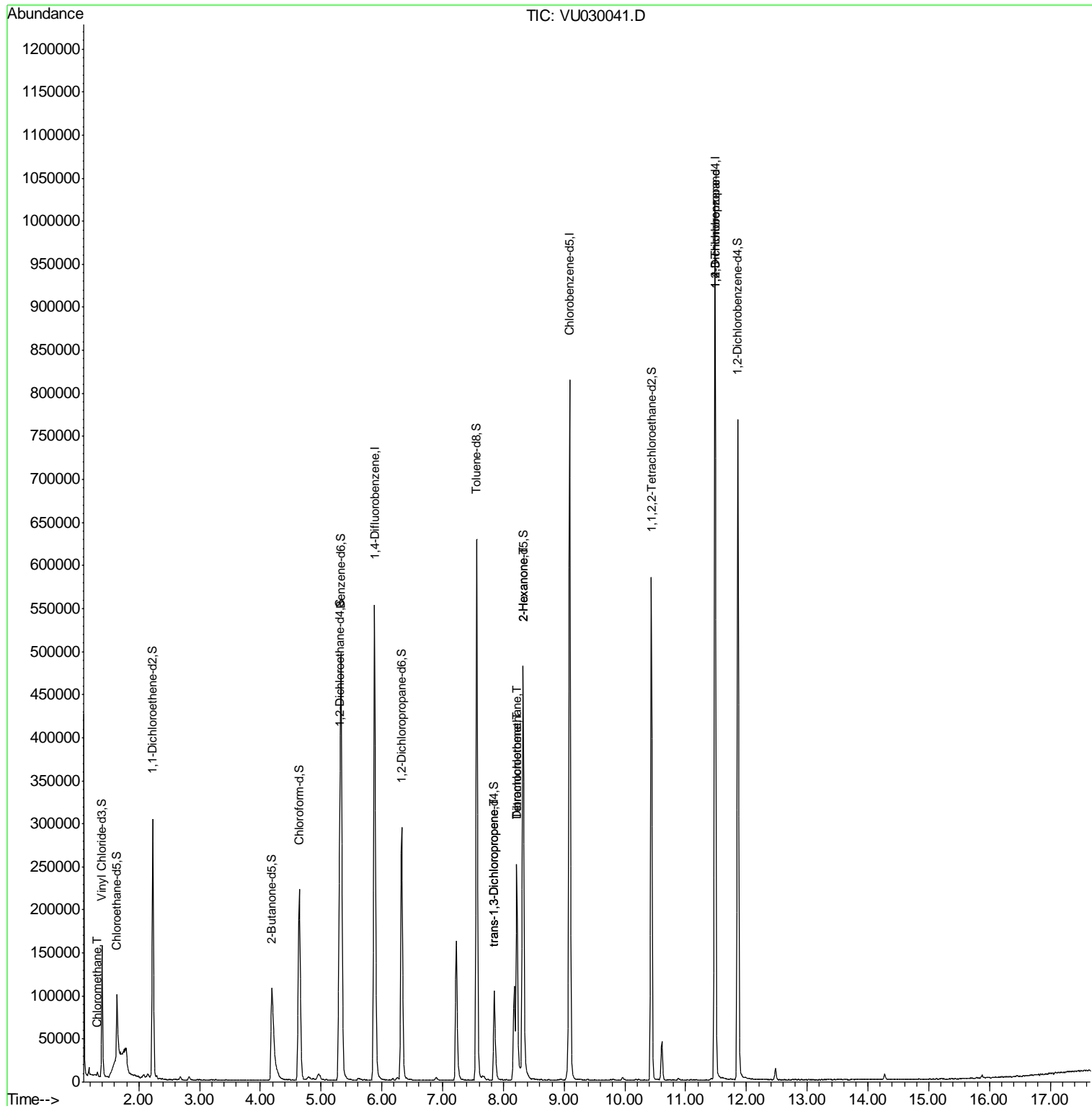
						Qvalue
3) Chloromethane	1.32	50	3424	0.916	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3424	0.591	ug/L	95
46) Tetrachloroethene	8.22	164	60911	17.131	ug/L	98
48) 2-Hexanone	8.32	43	20466	4.357	ug/L #	61
49) Dibromochloromethane	8.22	129	55987	12.288	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	29416	5.539	ug/L	93

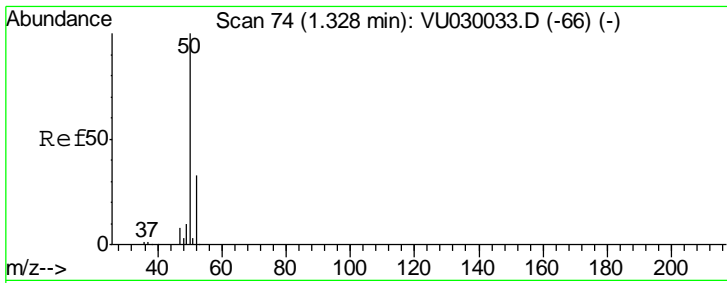
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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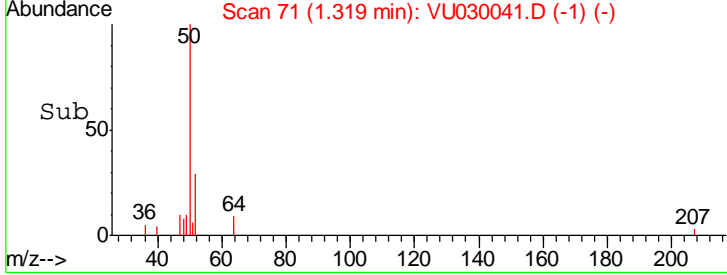
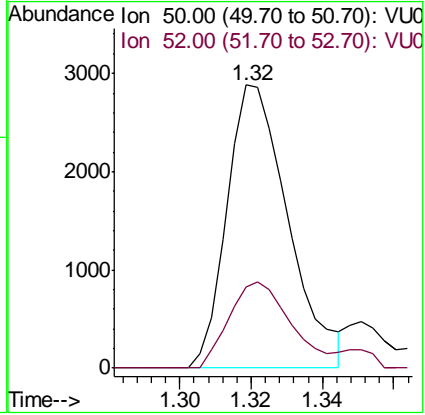
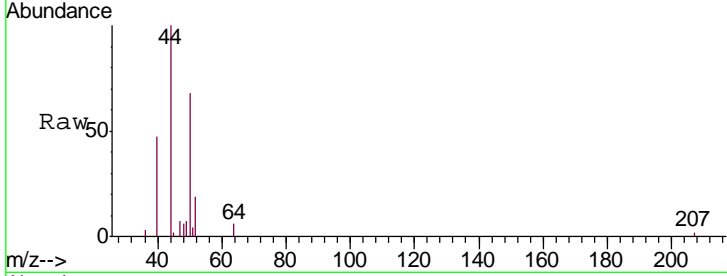


#3  
 Chloromethane  
 Concen: 0.916 ug/L  
 RT: 1.32 min Scan# 71  
 Delta R.T. -0.01 min  
 Lab File: VU030041.D  
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 MSVOA\_U  
**ClientSampled :**  
 BF184

Tgt Ion: 50 Resp: 3424

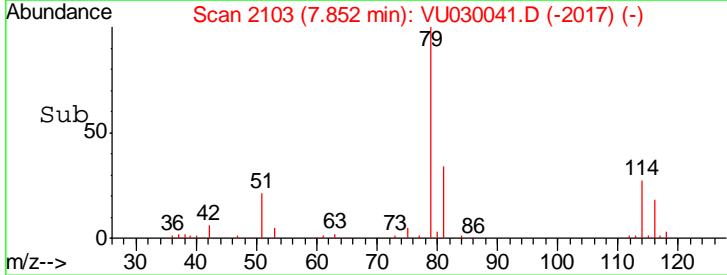
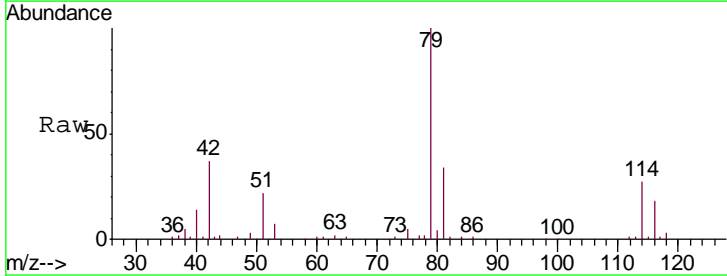
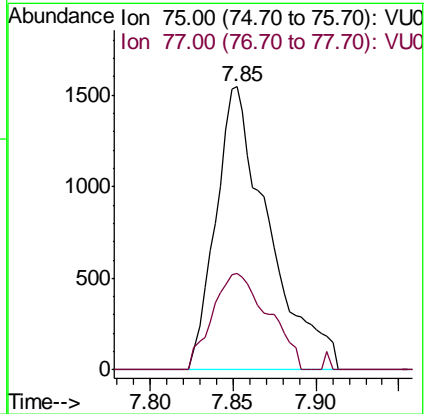
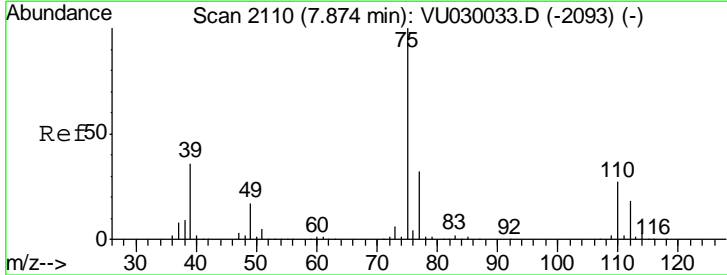
Ion	Ratio	Lower	Upper
50	100		
52	28.6	23.4	43.6

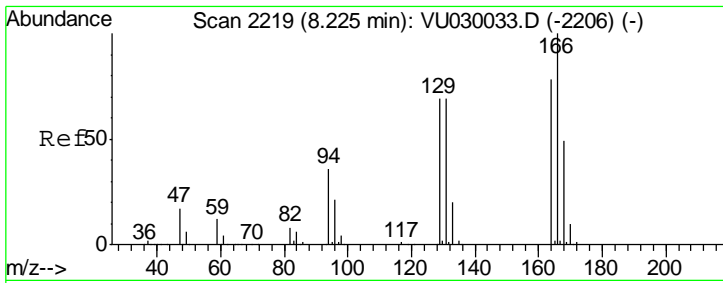


#44  
 trans-1,3-Dichloropropene  
 Concen: 0.591 ug/L  
 RT: 7.85 min Scan# 2103  
 Delta R.T. -0.02 min  
 Lab File: VU030041.D  
 Acq: 13 Mar 2019 19:48

Tgt Ion: 75 Resp: 3424

Ion	Ratio	Lower	Upper
75	100		
77	34.2	21.9	40.7

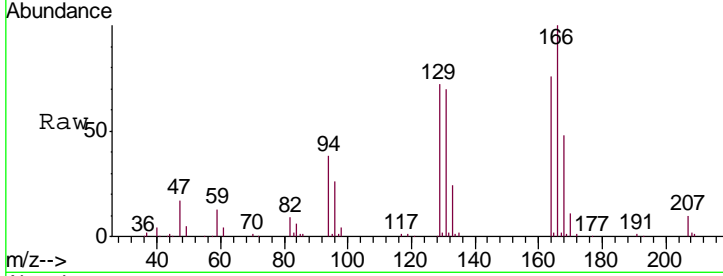




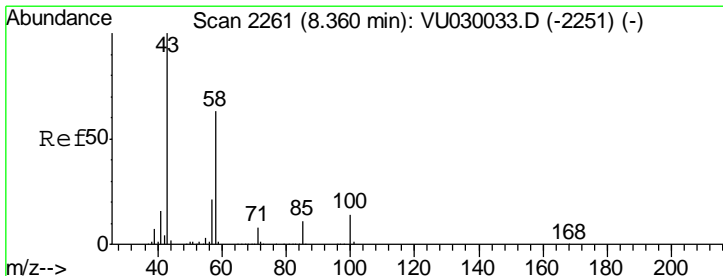
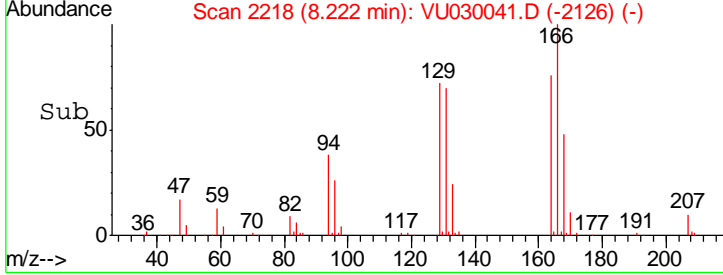
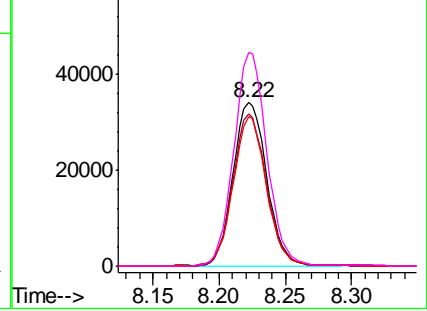
#46  
 Tetrachloroethene  
 Concen: 17.131 ug/L  
 RT: 8.22 min Scan# 2218  
 Delta R.T. -0.00 min  
 Lab File: VU030041.D  
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Tgt Ion	Resp	Lower	Upper
164	100		
129	93.7	63.3	117.7
131	91.5	62.0	115.2
166	130.8	90.5	168.1

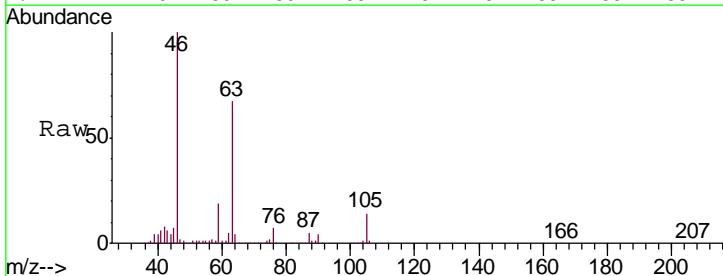


Abundance Ion 164.00 (163.70 to 164.70): V  
 Ion 129.00 (128.70 to 129.70): V  
 Ion 131.00 (130.70 to 131.70): V  
 Ion 166.00 (165.70 to 166.70): V

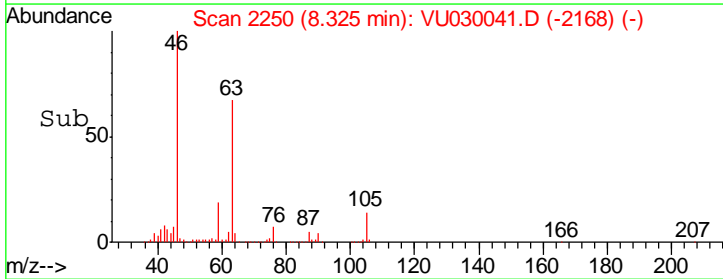
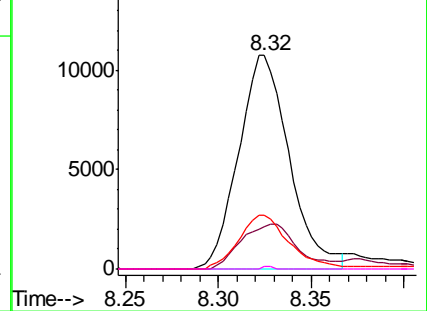


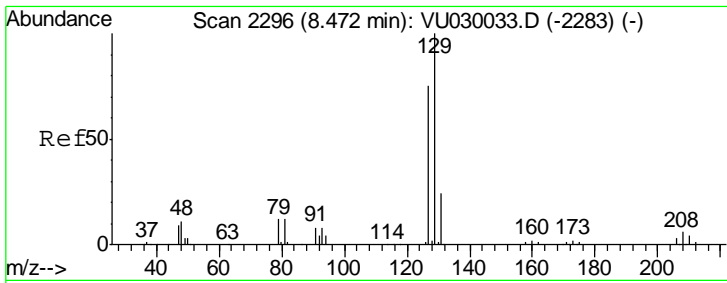
#48  
 2-Hexanone  
 Concen: 4.357 ug/L  
 RT: 8.32 min Scan# 2250  
 Delta R.T. -0.04 min  
 Lab File: VU030041.D  
 Acq: 13 Mar 2019 19:48

Tgt Ion	Resp	Lower	Upper
43	100		
58	23.3	48.6	72.8#
57	25.2	16.1	24.1#
100	0.2	11.6	17.4#



Abundance Ion 43.00 (42.70 to 43.70): VUC  
 Ion 58.00 (57.70 to 58.70): VUC  
 Ion 57.00 (56.70 to 57.70): VUC  
 Ion 100.00 (99.70 to 100.70): VUC

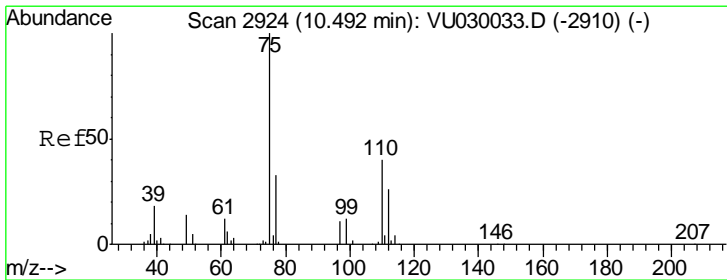
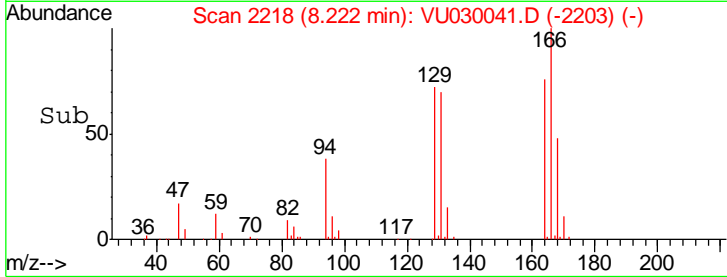
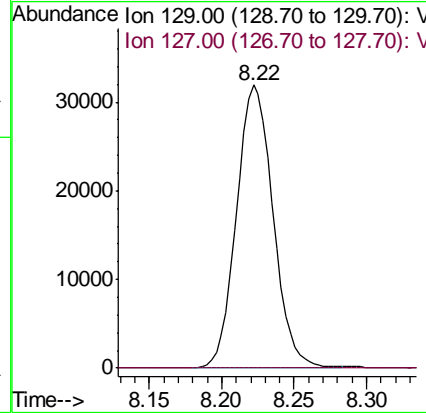
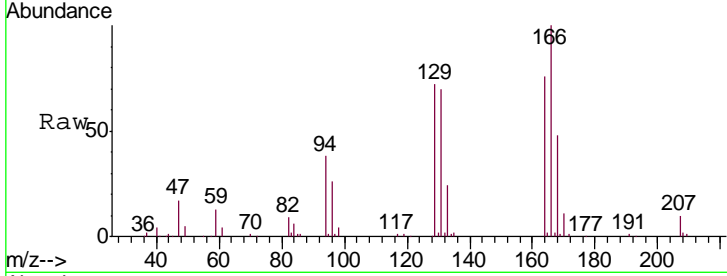




#49  
 Dibromochloromethane  
 Concen: 12.288 ug/L  
 RT: 8.22 min Scan# 2218  
 Delta R.T. -0.25 min  
 Lab File: VU030041.D  
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Tgt Ion: 129 Resp: 55987  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 55.2 102.4#



#59  
 1,2,3-Trichloropropane  
 Concen: 5.539 ug/L  
 RT: 11.48 min Scan# 3232  
 Delta R.T. 0.99 min  
 Lab File: VU030041.D  
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Tgt Ion: 75 Resp: 29416  
 Ion Ratio Lower Upper  
 75 100  
 77 36.4 25.8 38.8

