

Data File : VU031563.D
 Acq On : 27 Apr 2019 04:09
 Operator : JC/SP
 Sample : K2592-16 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 C0X82

Quant Time: Apr 27 04:32:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	856377	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	783776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	304457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	361409	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.68	69	287623	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.27	63	535735	37.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.06%
21) 2-Butanone-d5	4.19	46	698570	107.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.57%
24) Chloroform-d	4.64	84	621041	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.31	65	424922	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
32) Benzene-d6	5.34	84	1281135	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.46%
36) 1,2-Dichloropropane-d6	6.32	67	443510	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.76%
41) Toluene-d8	7.56	98	1057090	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.85	79	174796	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.31	63	425448	116.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	560881	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	339142	52.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.94%

Target Compounds

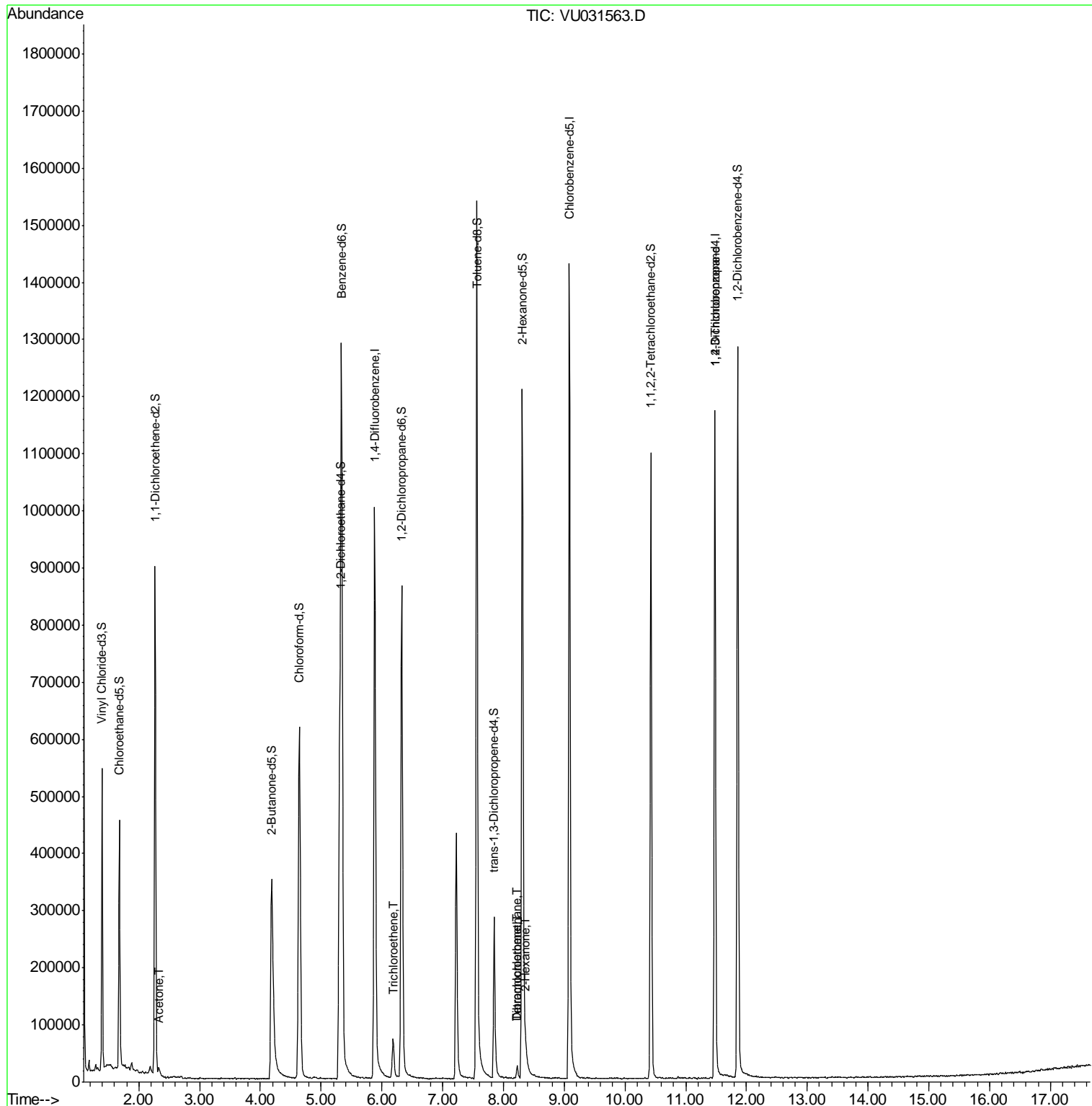
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.34	43	10089	1.379	ug/L	62
34) Trichloroethene	6.19	95	22739	3.255	ug/L	93
46) Tetrachloroethene	8.22	164	6074	1.276	ug/L	80
48) 2-Hexanone	8.37	43	23251	2.284	ug/L #	44
49) Dibromochloromethane	8.23	129	5131	0.731	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	40035	4.128	ug/L	93

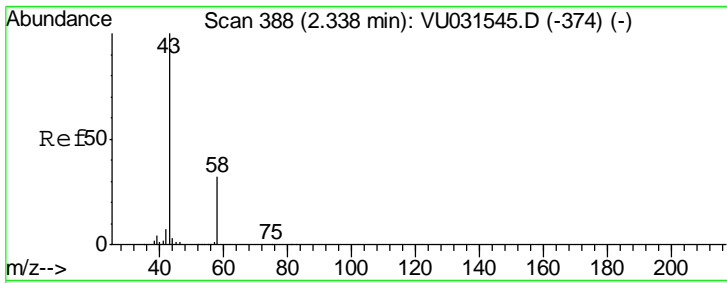
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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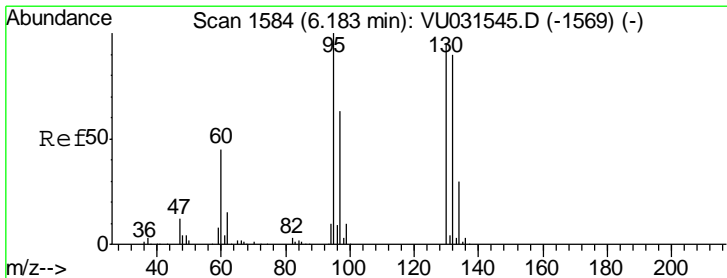
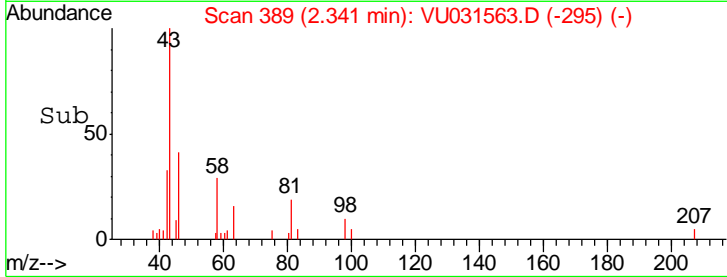
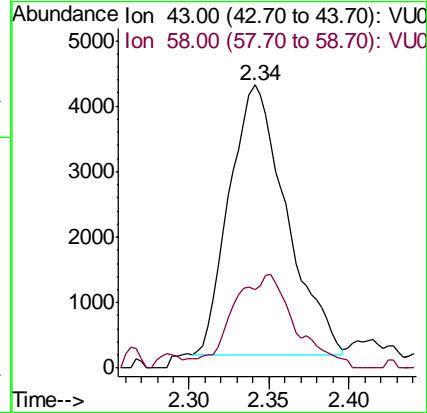
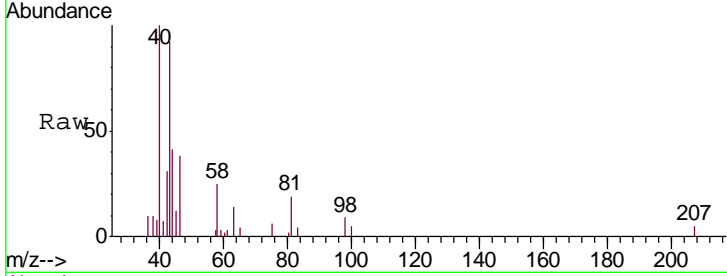




#13
 Acetone
 Concen: 1.379 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. 0.00 min
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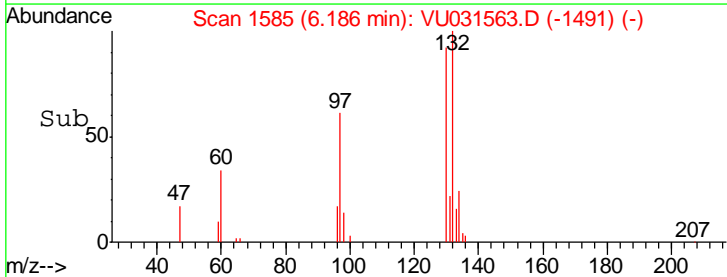
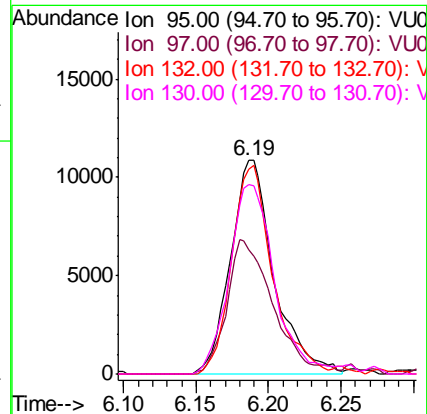
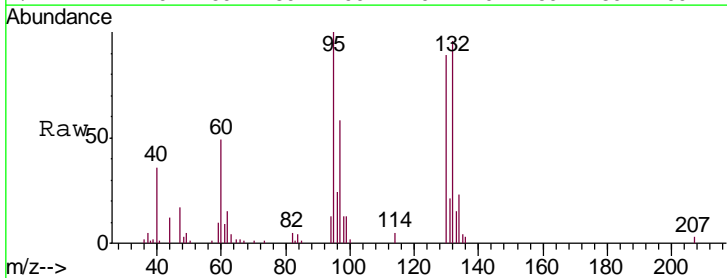
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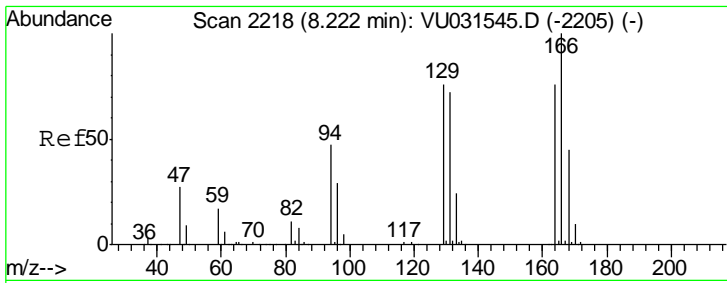
Tgt Ion: 43 Resp: 10089
 Ion Ratio Lower Upper
 43 100
 58 11.2 0.0 64.4



#34
 Trichloroethene
 Concen: 3.255 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU031563.D
 Acq: 27 Apr 2019 04:09

Tgt Ion: 95 Resp: 22739
 Ion Ratio Lower Upper
 95 100
 97 58.2 44.8 83.2
 132 96.1 63.1 117.1
 130 88.8 66.5 123.5

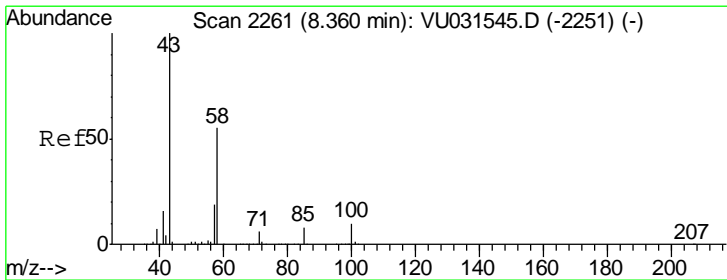
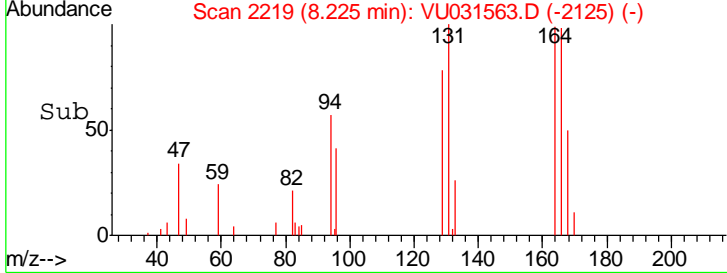
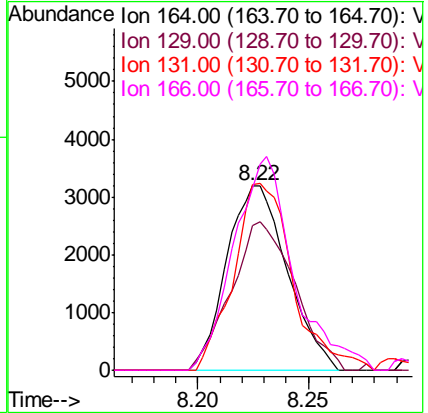
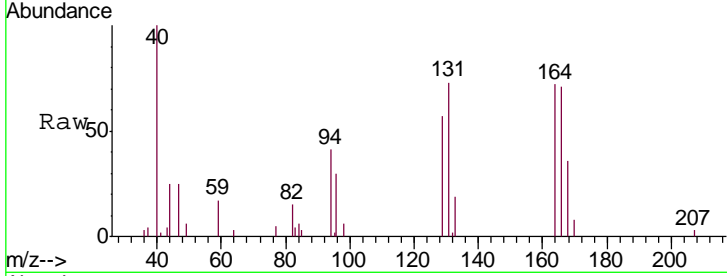




#46
 Tetrachloroethene
 Concen: 1.276 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031563.D
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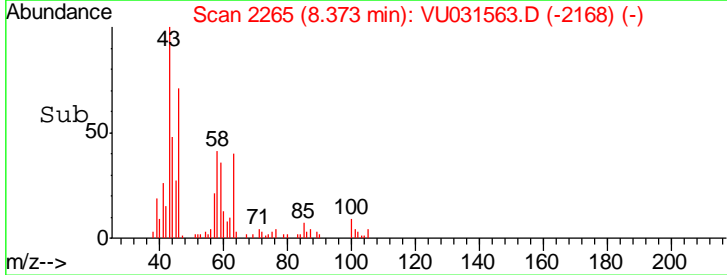
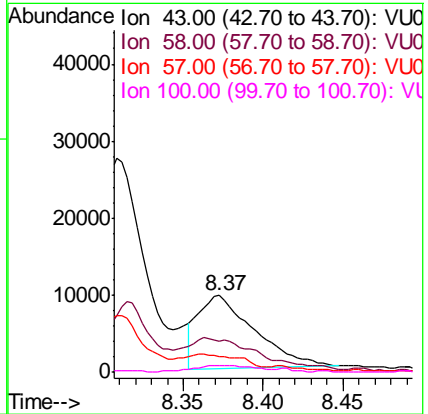
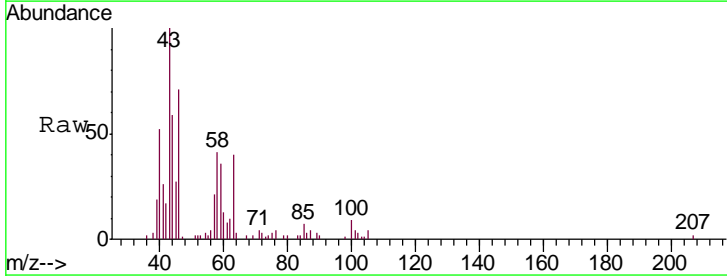
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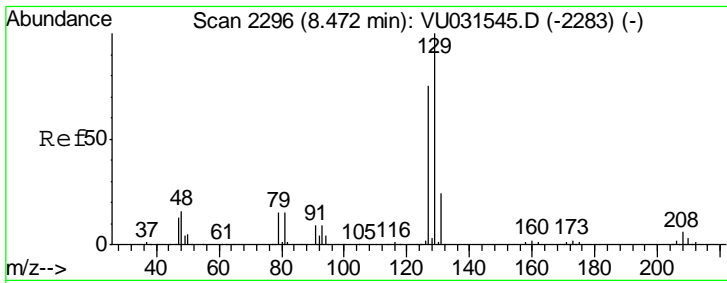
Tgt Ion	Resp	Lower	Upper
164	100		
129	78.5	71.5	132.9
131	100.9	69.0	128.2
166	98.7	93.7	173.9



#48
 2-Hexanone
 Concen: 2.284 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
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Tgt Ion	Resp	Lower	Upper
43	100		
58	4.2	42.1	63.1#
57	0.0	14.6	22.0#
100	3.3	7.2	10.8#

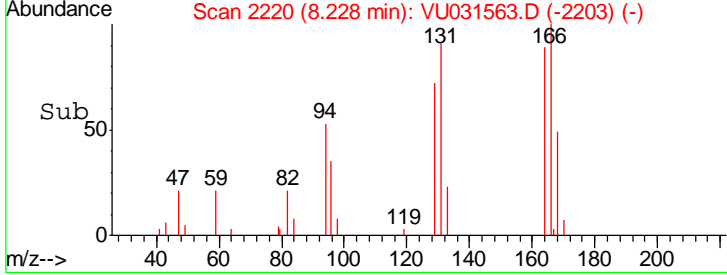
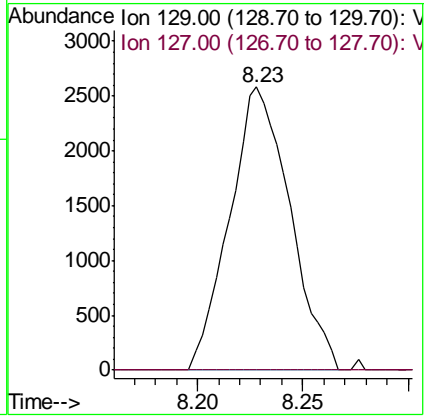
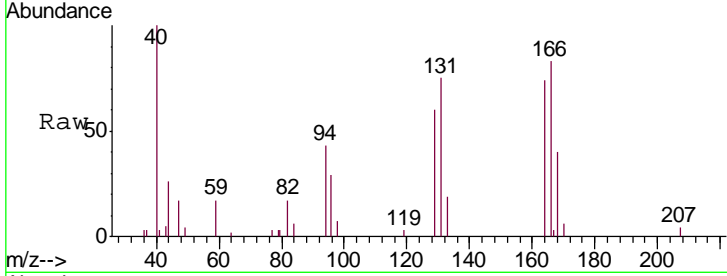




#49
 Dibromochloromethane
 Concen: 0.731 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. -0.24 min
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Instrument : MSVOA_U
 ClientSampled : COX82

Tgt Ion: 129 Resp: 5131
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.128 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031563.D
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Tgt Ion: 75 Resp: 40035
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.9 38.9

