

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026442.D
 Acq On : 30 Aug 2018 13:25
 Operator : MD/SY
 Sample : J4691-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:01 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	110338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	45031	50.00	ug/L	0.00

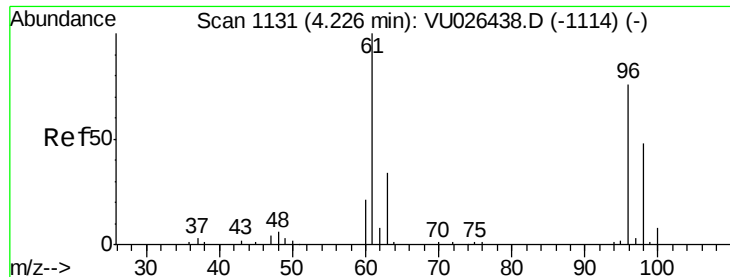
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39148	57.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.54%
7) Chloroethane-d5	1.68	69	35418	57.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.72%
11) 1,1-Dichloroethene-d2	2.27	63	62327	40.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.96%
21) 2-Butanone-d5	4.18	46	59186	111.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.55%
24) Chloroform-d	4.65	84	69588	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
26) 1,2-Dichloroethane-d4	5.31	65	47244	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.34	84	137276	56.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.36%
36) 1,2-Dichloropropane-d6	6.33	67	46605	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.02%
41) Toluene-d8	7.57	98	124335	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%
43) trans-1,3-Dichloropropene-	7.85	79	20338	53.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.06%
47) 2-Hexanone-d5	8.31	63	42029	110.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	65700	53.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	48794	59.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	4.23	96	4059	5.086	ug/L	88
34) Trichloroethene	6.19	95	3871	5.123	ug/L	96
35) Methylcyclohexane	6.34	83	10374	8.792	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5182	6.213	ug/L #	88
46) Tetrachloroethene	8.23	164	28005	45.330	ug/L	95
48) 2-Hexanone	8.31	43	5164	5.829	ug/L #	64
49) Dibromochloromethane	8.23	129	25450	29.563	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	5464	5.251	ug/L	93

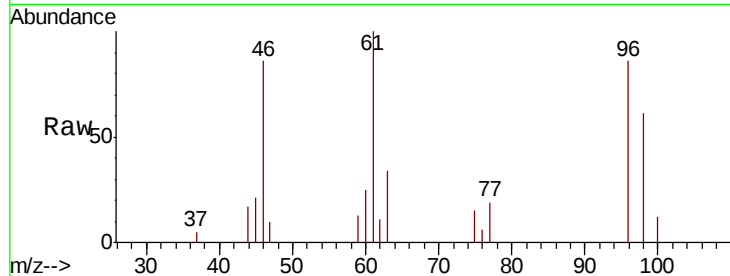
(#) = qualifier out of range (m) = manual integration (+) = signals summed



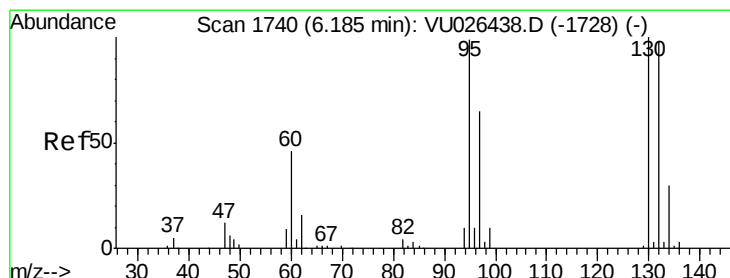
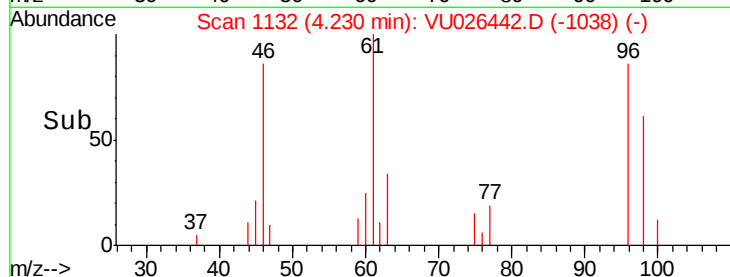
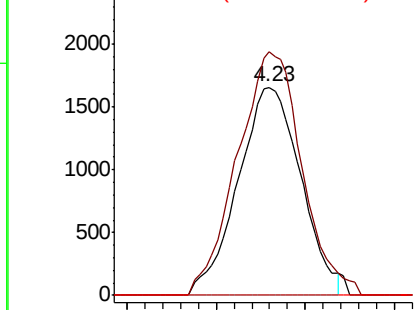
#20
 cis-1,2-Dichloroethene
 Concen: 5.086 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 4059
 Ion Ratio Lower Upper
 96 100
 61 116.9 91.6 170.2
 68 0.0 0.0 0.0

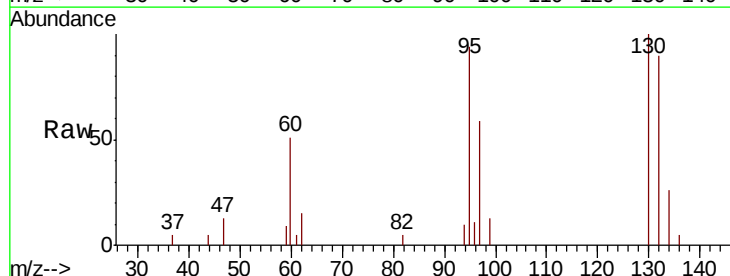


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

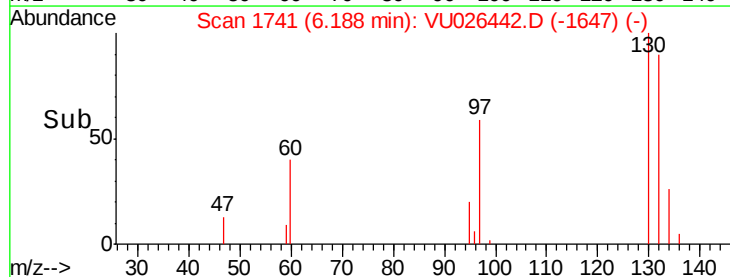
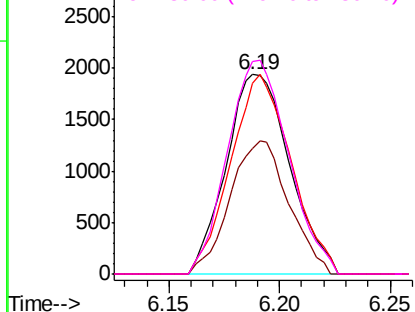


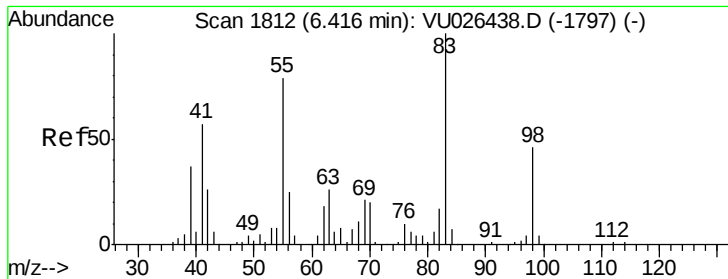
#34
 Trichloroethene
 Concen: 5.123 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Tgt Ion: 95 Resp: 3871
 Ion Ratio Lower Upper
 95 100
 97 62.7 45.1 83.7
 132 95.4 67.5 125.3
 130 106.3 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

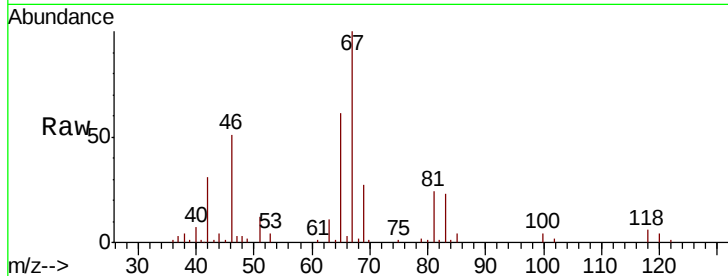




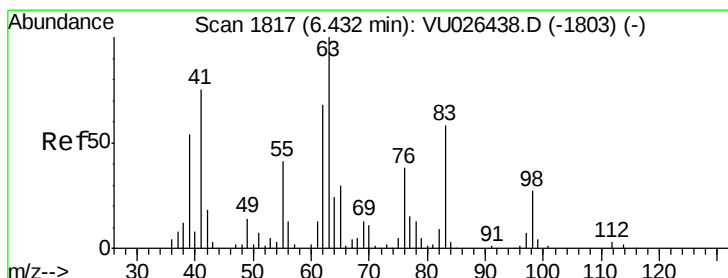
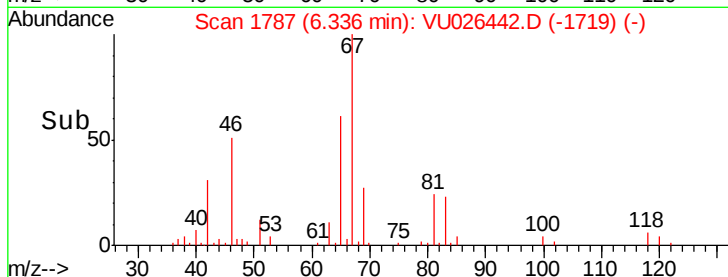
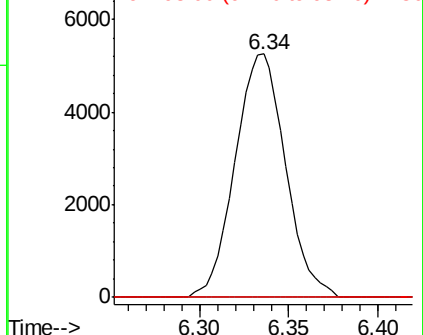
#35
Methvlcvclohexane
Concen: 8.792 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026442.D
Acq: 30 Aug 2018 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10374
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

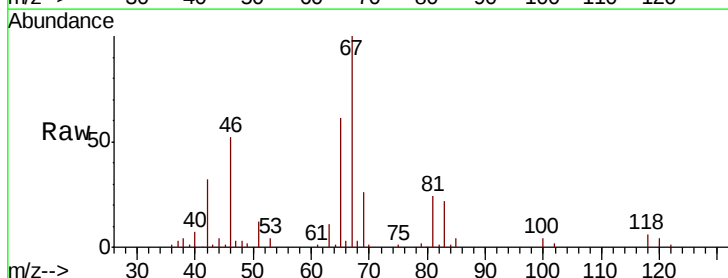


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

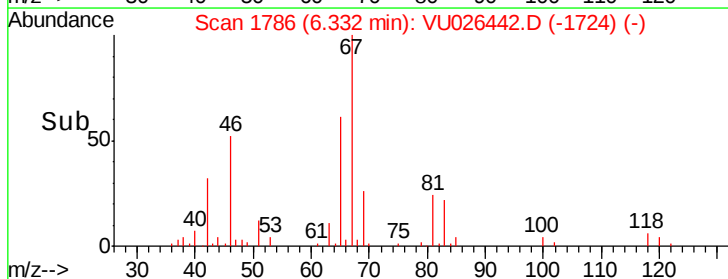
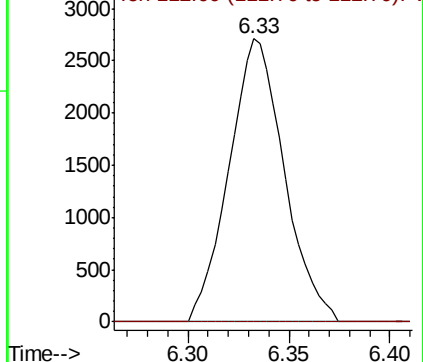


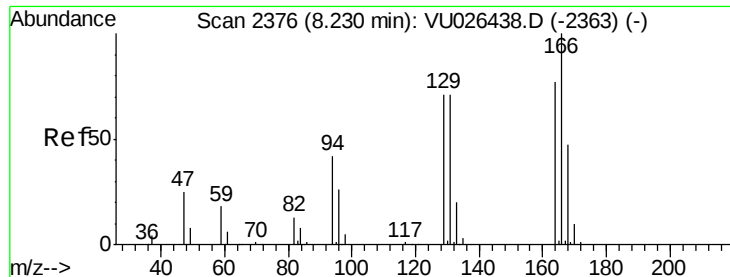
#37
1,2-Dichloropropane
Concen: 6.213 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026442.D
Acq: 30 Aug 2018 13:25

Tgt Ion: 63 Resp: 5182
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

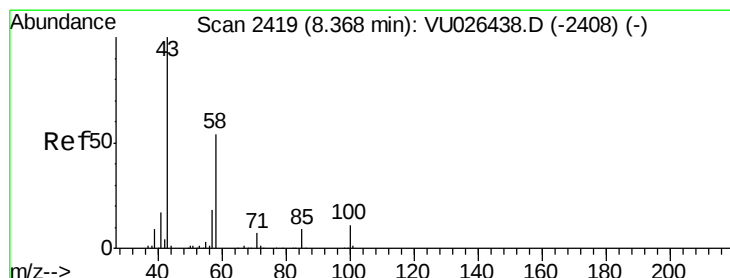
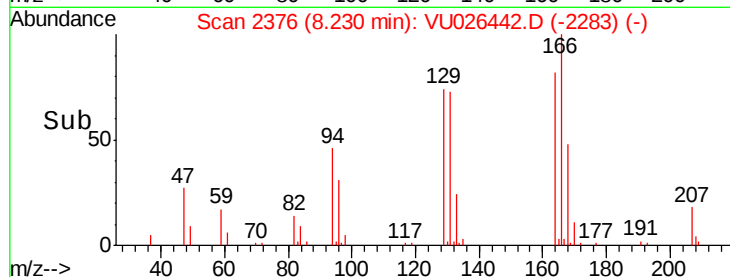
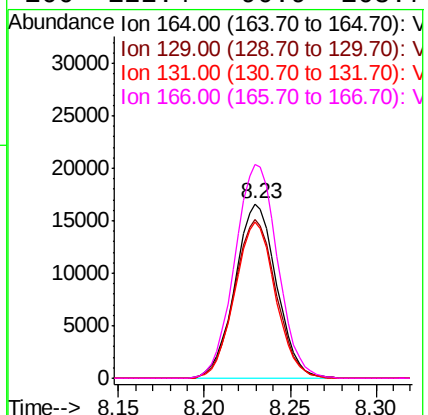
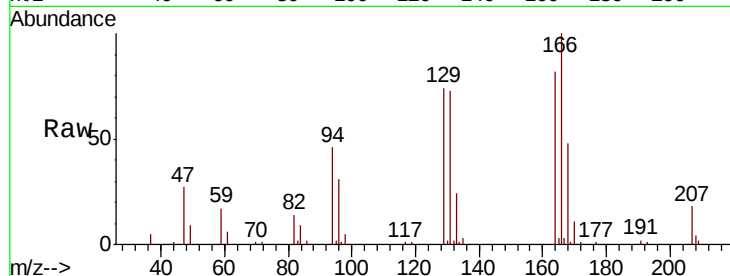




#46
Tetrachloroethene
Concen: 45.330 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026442.D
Acq: 30 Aug 2018 13:25

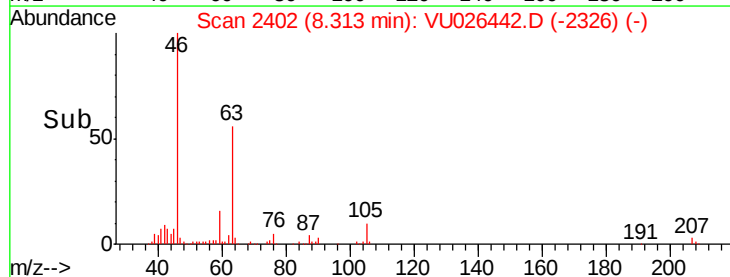
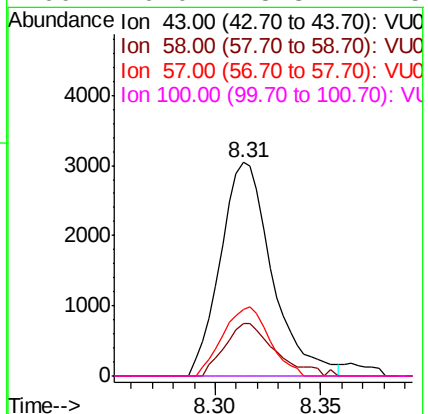
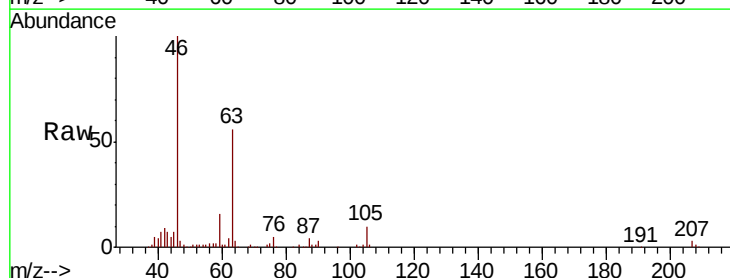
Instrument :
MSVOA_U
ClientSampleId :

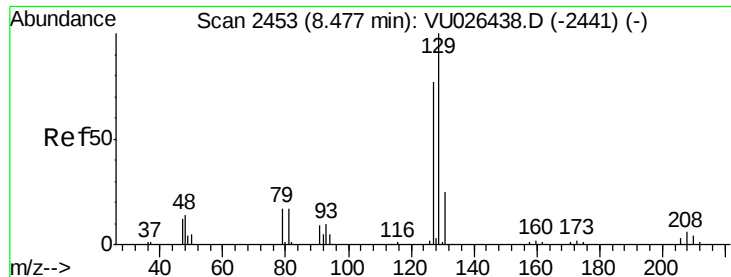
Tot Ion:164 Resp: 28005
Ion Ratio Lower Upper
164 100
129 90.9 67.3 125.1
131 89.4 65.3 121.3
166 122.4 90.9 168.7



#48
2-Hexanone
Concen: 5.829 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026442.D
Acq: 30 Aug 2018 13:25

Tgt Ion: 43 Resp: 5164
Ion Ratio Lower Upper
43 100
58 23.0 42.2 63.4#
57 29.1 14.6 21.8#
100 0.0 8.3 12.5#

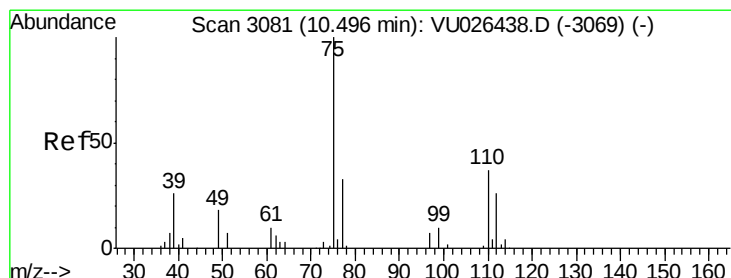
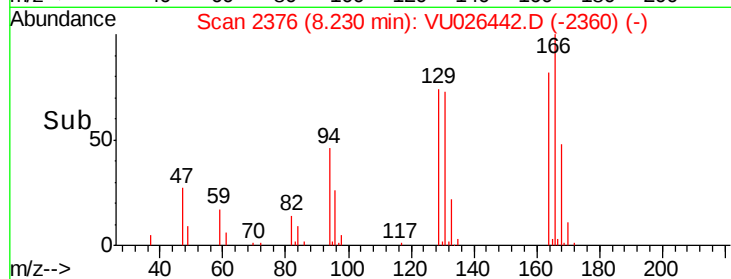
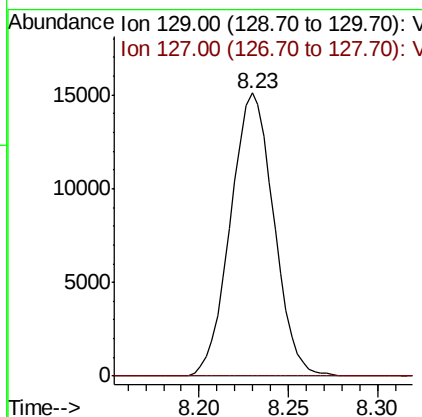
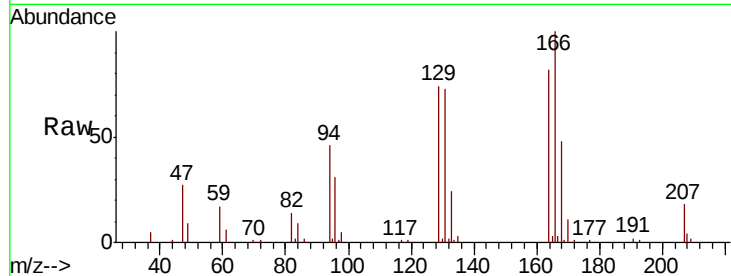




#49
 Dibromochloromethane
 Concen: 29.563 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 25450
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.251 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Tgt Ion: 75 Resp: 5464
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.0 37.6

