

Data File : VU030221.D
Acq On : 20 Mar 2019 11:01
Operator : JC/SP
Sample : K1967-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 22 01:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536132	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169696	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.68	69	142437	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.28%
11) 1,1-Dichloroethene-d2	2.27	63	236411	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.48%
21) 2-Butanone-d5	4.17	46	254916	94.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.64	84	312356	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
26) 1,2-Dichloroethane-d4	5.31	65	185971	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.34	84	683072	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.33	67	214223	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.90%
41) Toluene-d8	7.56	98	614041	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	93294	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.31	63	211847	96.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309039	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	243449	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%

Target Compounds

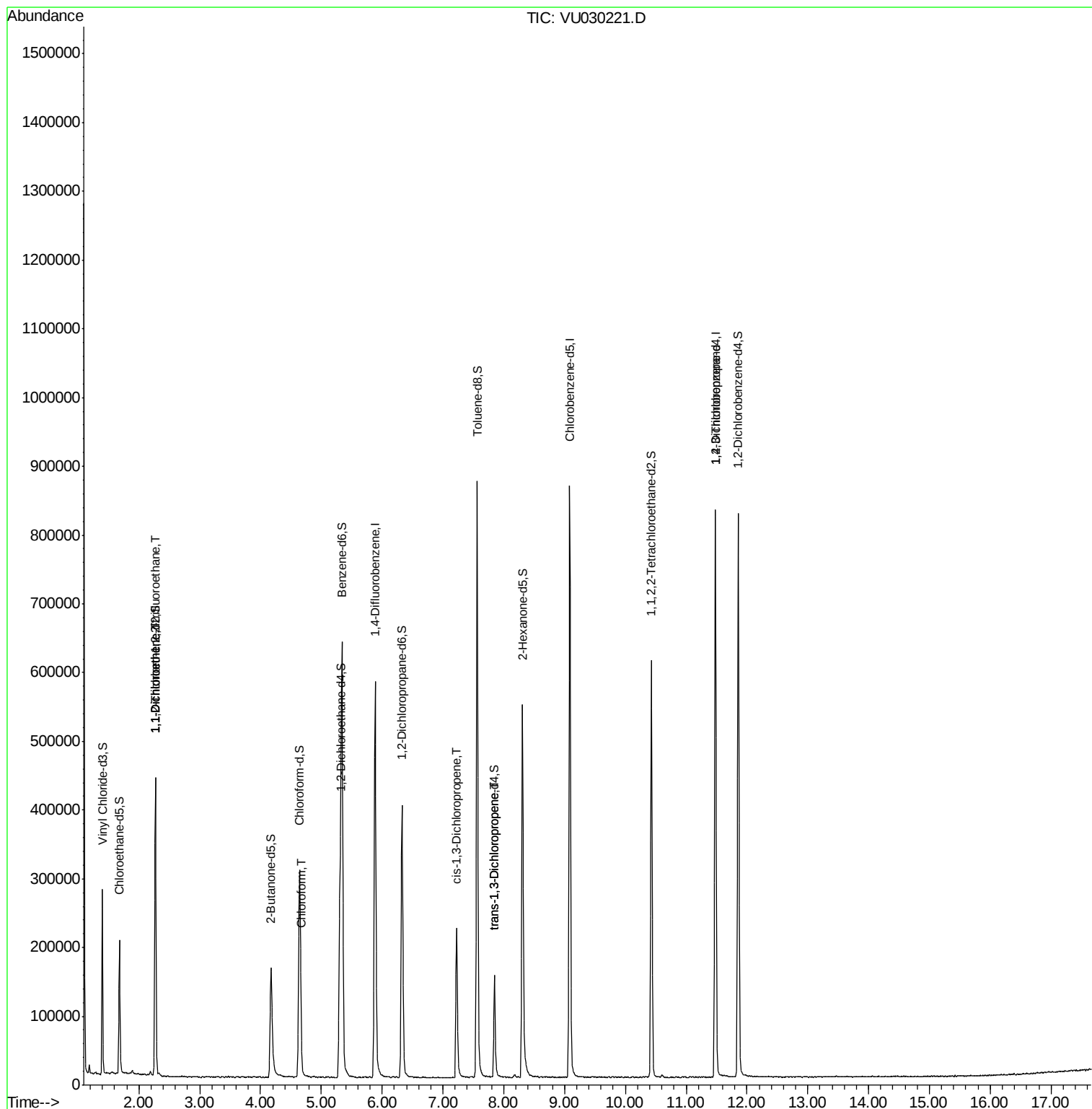
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2362	0.656 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2089	0.584 ug/L #	1
25) Chloroform	4.67	83	3674	0.544 ug/L	79
39) cis-1,3-Dichloropropene	7.22	75	4715	0.764 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	2905	0.544 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	24698	4.749 ug/L	96

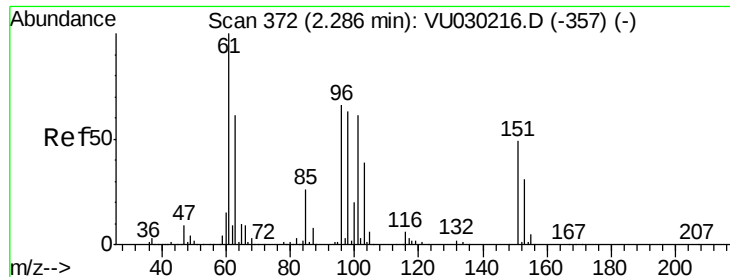
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.656 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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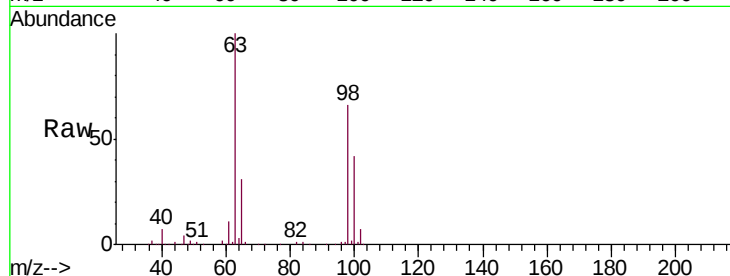
Tgt Ion:101 Resp: 2362

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

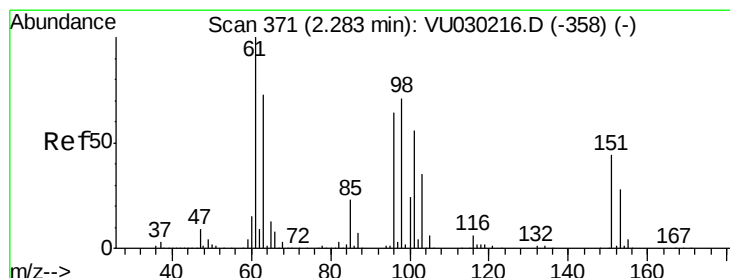
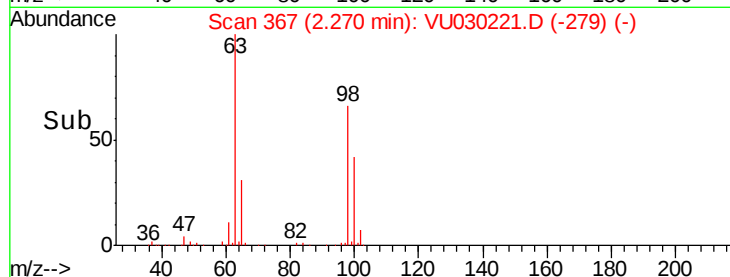
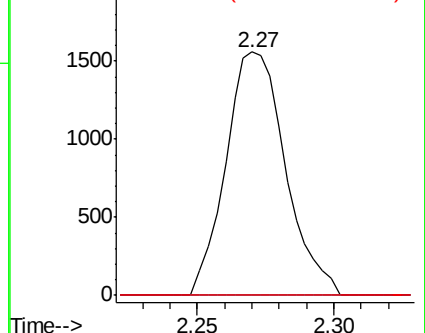
151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030221.D

Acq: 20 Mar 2019 11:01

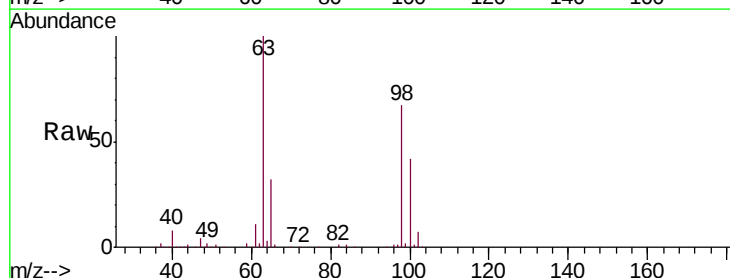
Tgt Ion: 96 Resp: 2089

Ion Ratio Lower Upper

96 100

61 1328.4 104.6 194.2#

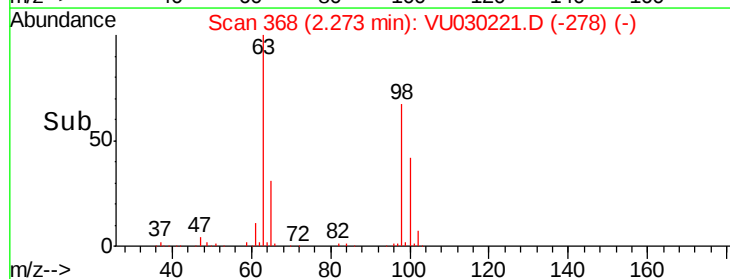
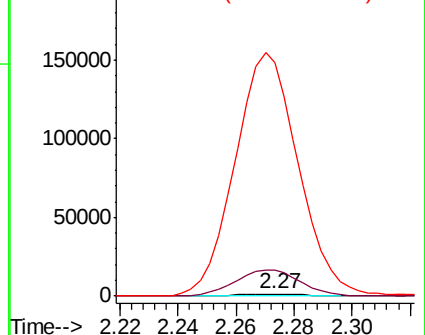
63 12035.1 77.2 143.4#

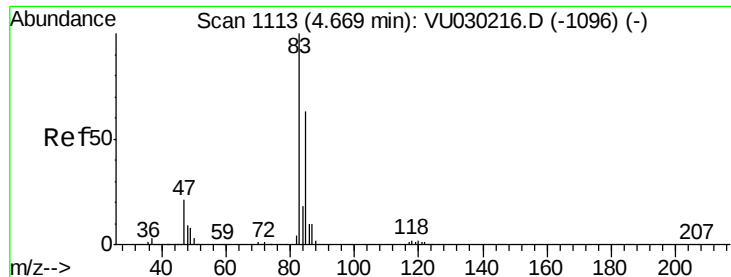


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

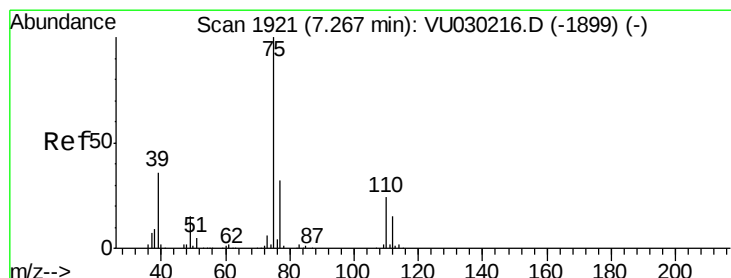
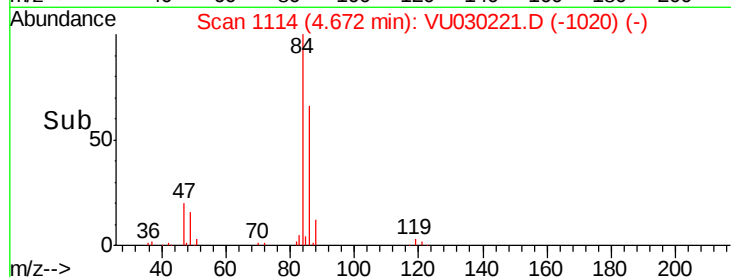
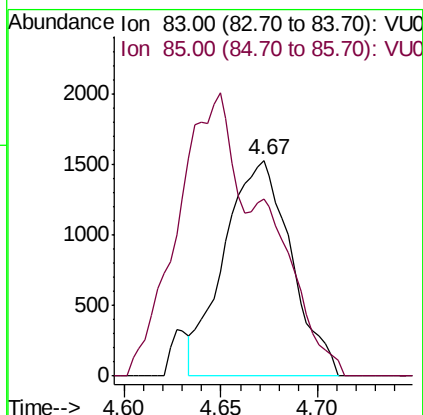
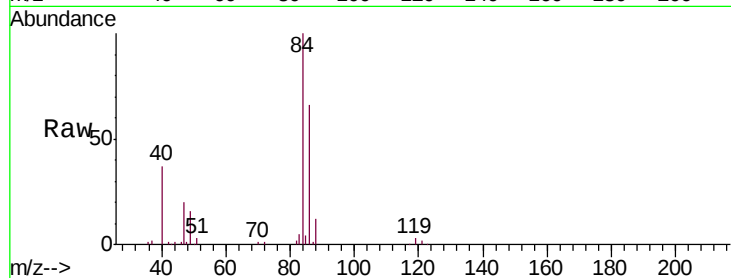




#25
Chloroform
Concen: 0.544 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030221.D
Acq: 20 Mar 2019 11:01

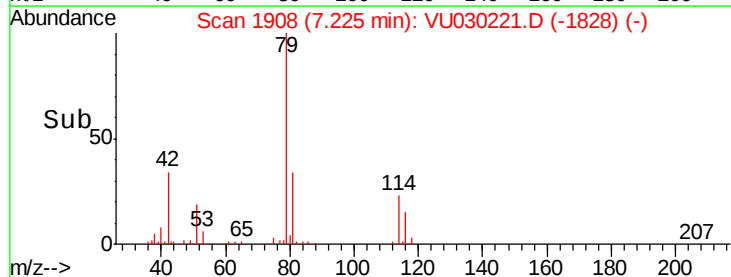
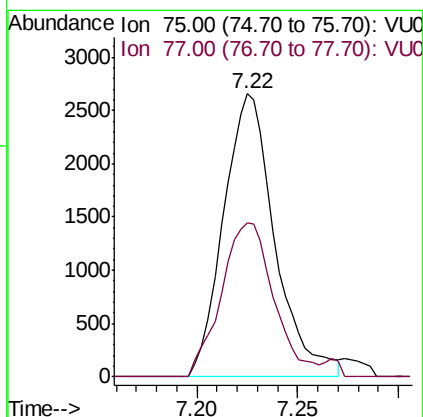
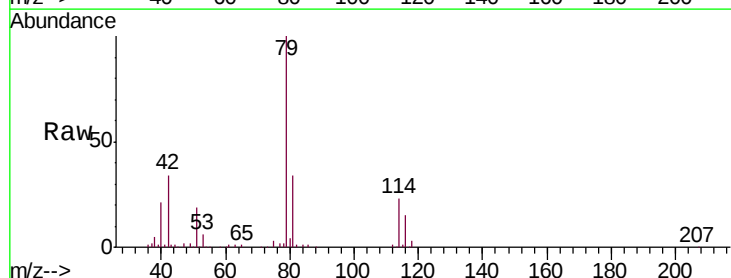
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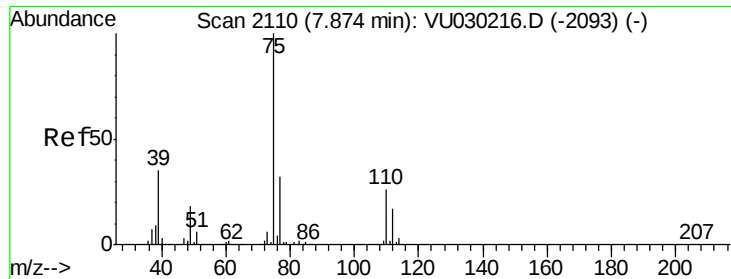
Tgt Ion: 83 Resp: 3674
Ion Ratio Lower Upper
83 100
85 81.9 45.8 85.2



#39
cis-1,3-Dichloropropene
Concen: 0.764 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030221.D
Acq: 20 Mar 2019 11:01

Tgt Ion: 75 Resp: 4715
Ion Ratio Lower Upper
75 100
77 54.2 22.1 41.1#

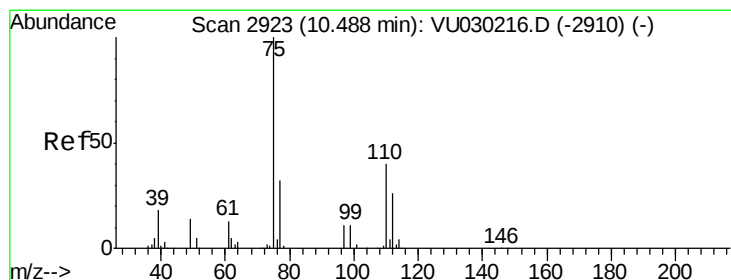
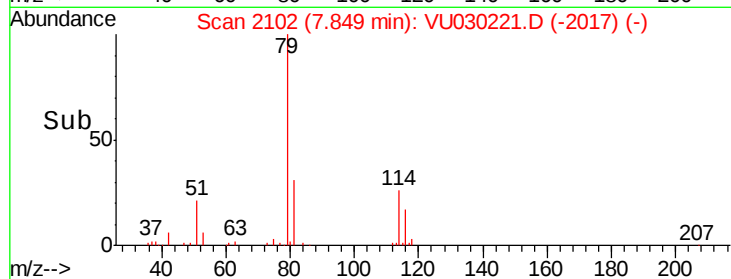
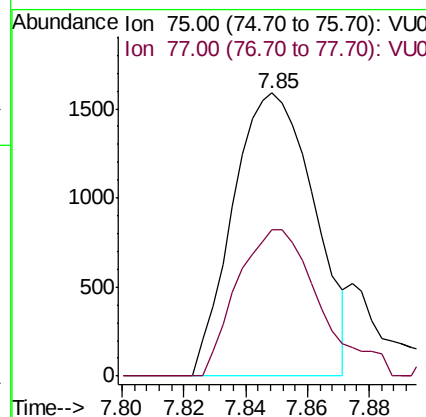
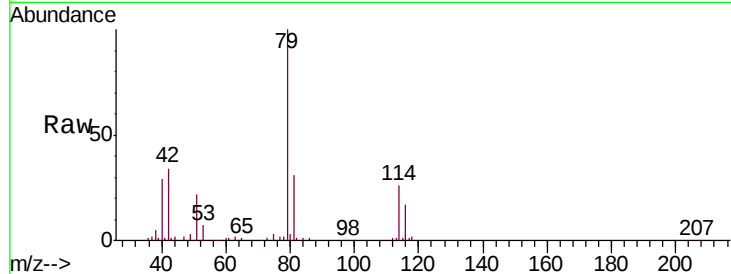




#44
 trans-1,3-Dichloropropene
 Concen: 0.544 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030221.D
 Acq: 20 Mar 2019 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 2905
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.7 42.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.749 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030221.D
 Acq: 20 Mar 2019 11:01

Tgt Ion: 75 Resp: 24698
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.8 38.8

