

Data File : VU028891.D
Acq On : 21 Dec 2018 22:16
Operator : MD/SY
Sample : J6509-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 22 01:59:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170986	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60648	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.67	69	50591	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.27	63	82105	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
21) 2-Butanone-d5	4.18	46	103889	108.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.17%
24) Chloroform-d	4.65	84	106613	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.31	65	68241	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.34	84	238314	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
36) 1,2-Dichloropropane-d6	6.33	67	82141	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.66%
41) Toluene-d8	7.56	98	205910	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	35279	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.26%
47) 2-Hexanone-d5	8.31	63	80955	109.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108652	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	71201	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%

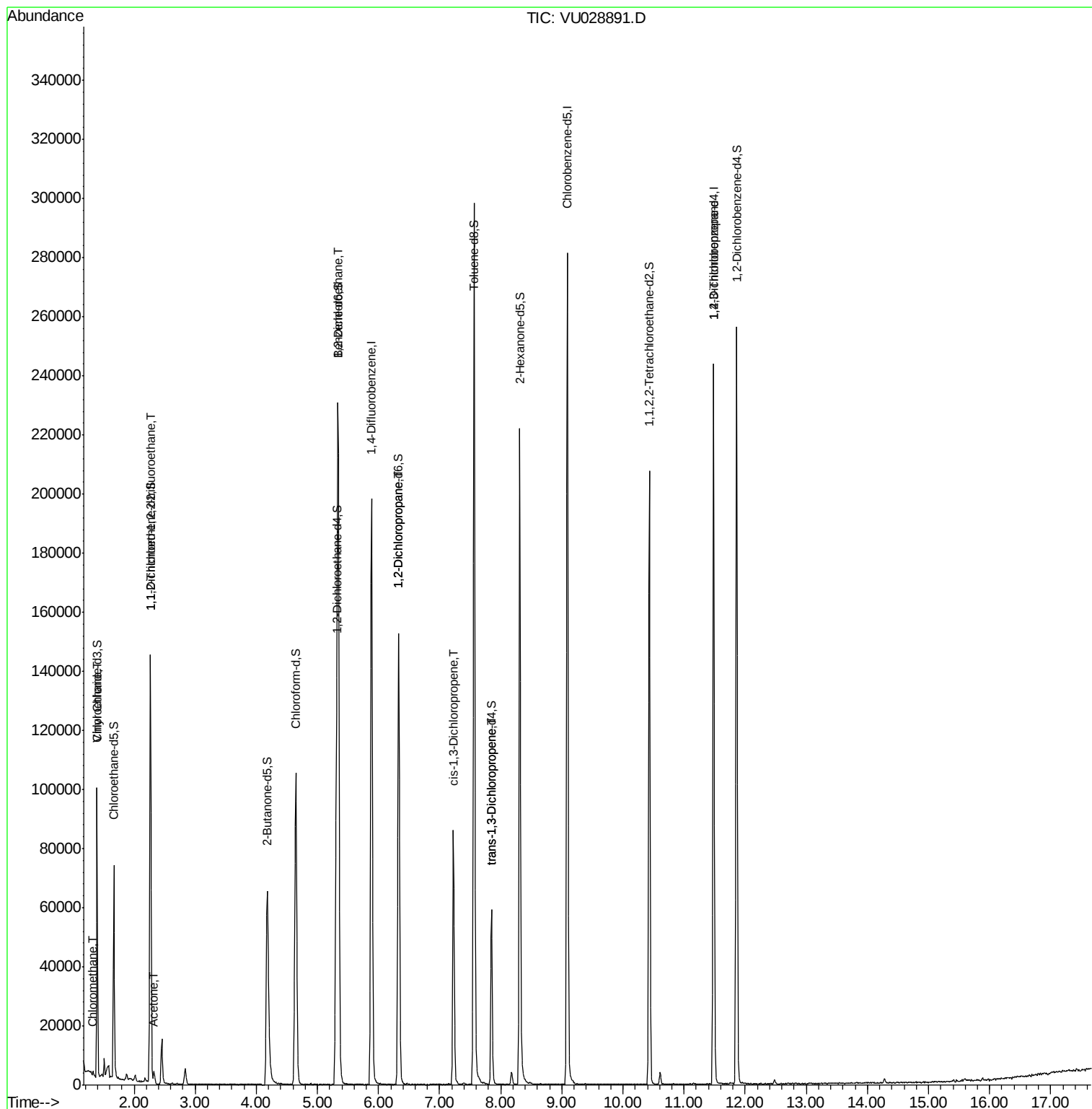
Target Compounds

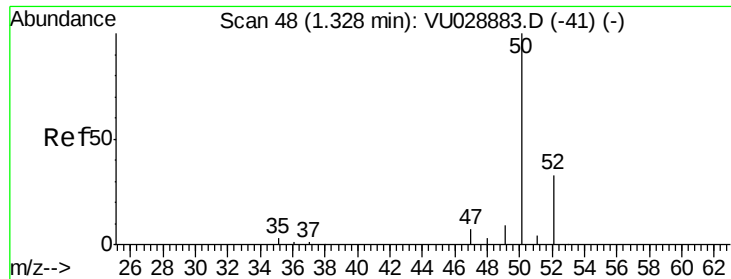
					Qvalue
3) Chloromethane	1.33	50	1276	0.673 ug/L #	76
8) Chloroethane	1.40	64	921	0.963 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	733	0.661 ug/L #	20
13) Acetone	2.32	43	3196	3.265 ug/L	88
27) 1,2-Dichloroethane	5.34	62	1158	0.709 ug/L #	74
37) 1,2-Dichloropropane	6.33	63	7504	5.205 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1946	0.947 ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	1285	0.701 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8001	4.650 ug/L	97

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

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ALS Vial : 33 Sample Multiplier: 1

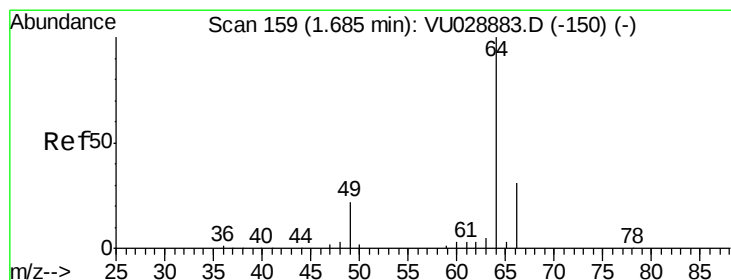
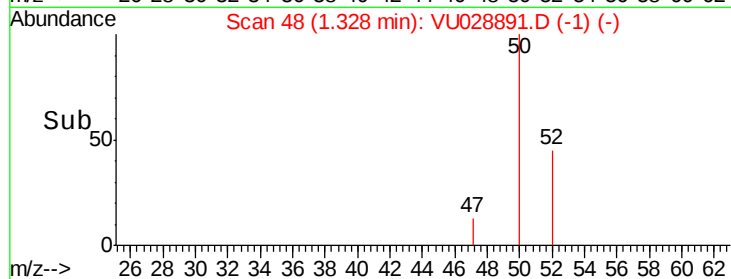
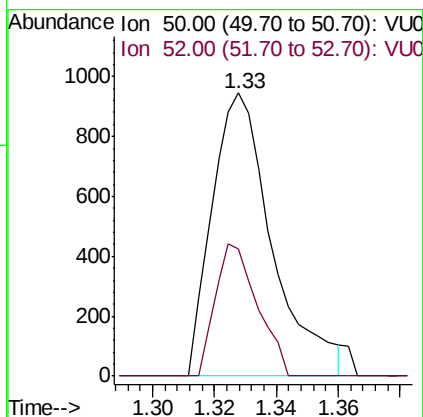
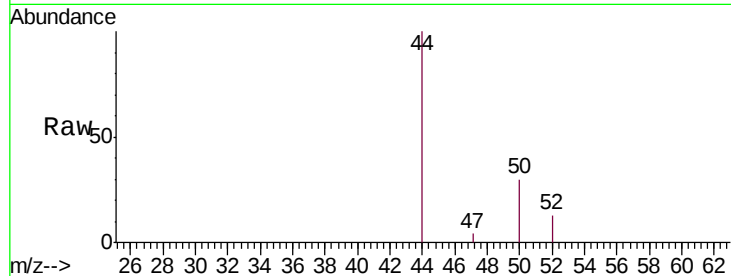
Quant Time: Dec 22 01:59:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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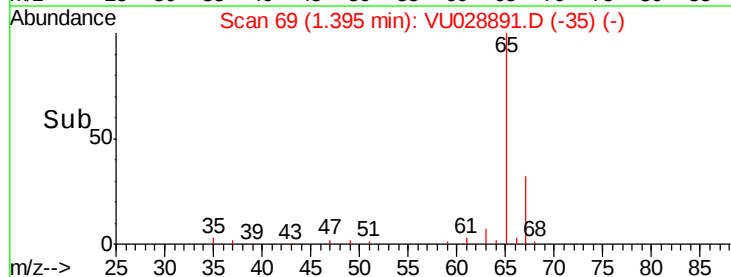
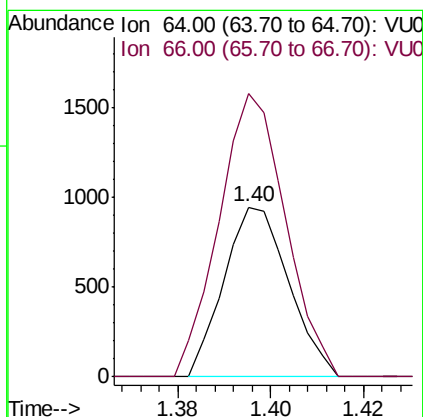
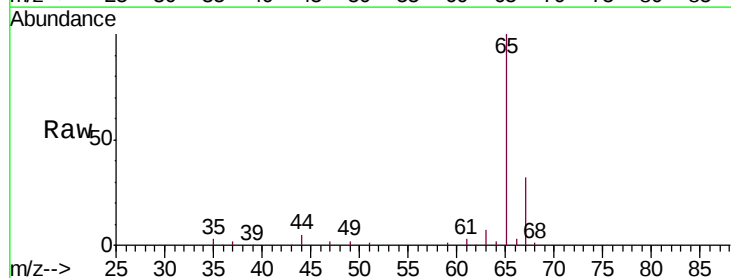
#3
Chloromethane
Concen: 0.673 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028891.D
Acq: 21 Dec 2018 22:16

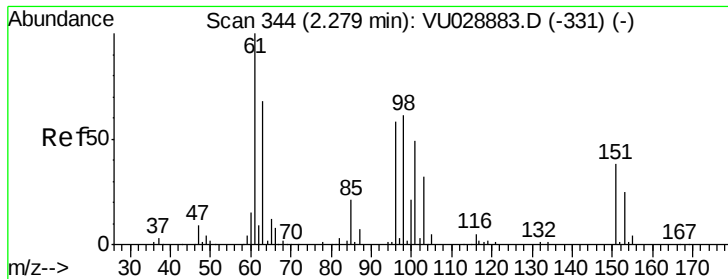
Tgt Ion: 50 Resp: 1276
Ion Ratio Lower Upper
50 100
52 44.9 22.3 41.3#



#8
Chloroethane
Concen: 0.963 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028891.D
Acq: 21 Dec 2018 22:16

Tgt Ion: 64 Resp: 921
Ion Ratio Lower Upper
64 100
66 166.8 21.5 39.9#





#10

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

Concen: 0.661 ug/L

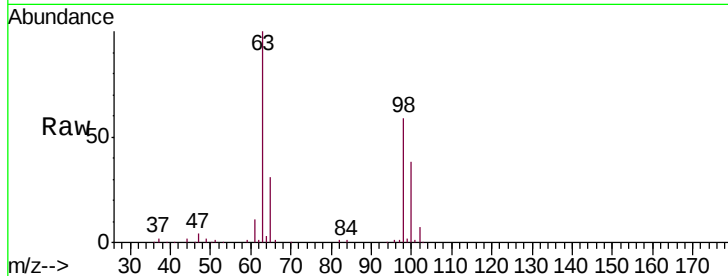
RT: 2.27 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU028891.D

Acq: 21 Dec 2018 22:16

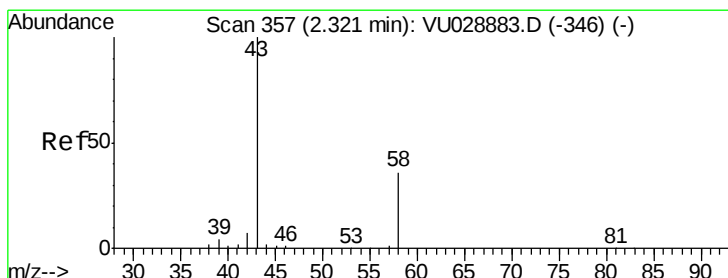
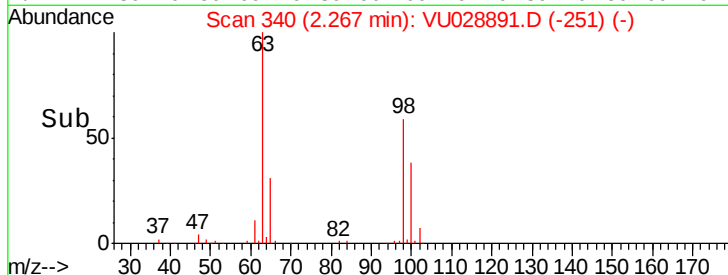
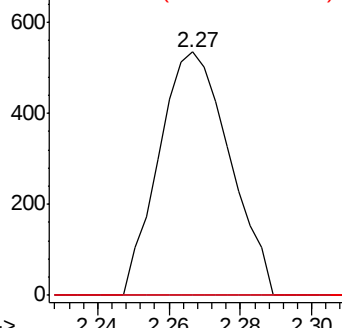
Tgt Ion:	101	Resp:	733
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#



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



#13

Acetone

Concen: 3.265 ug/L

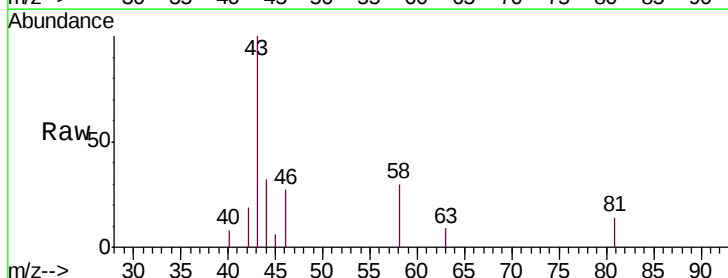
RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028891.D

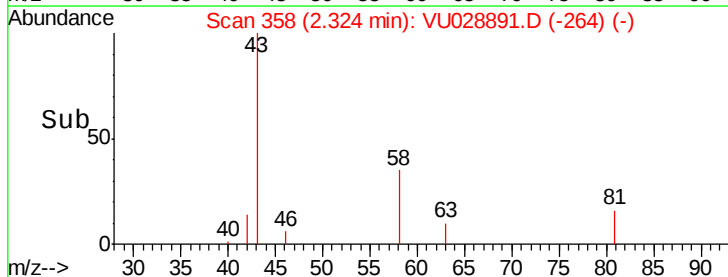
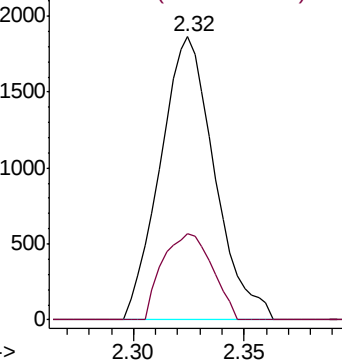
Acq: 21 Dec 2018 22:16

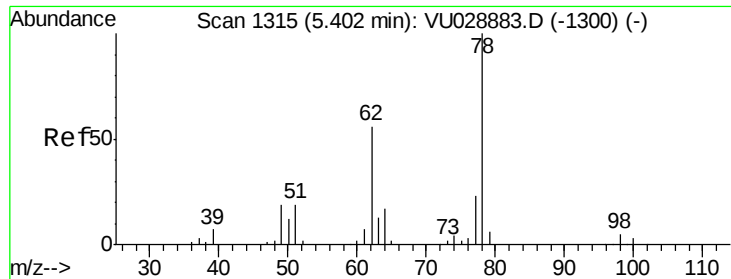
Tgt Ion:	43	Resp:	3196
Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

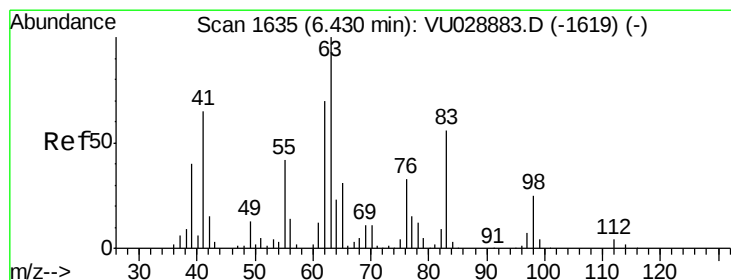
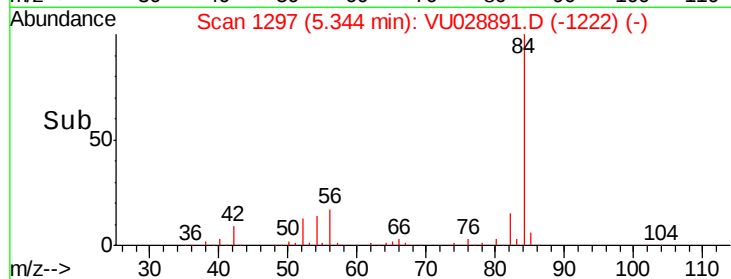
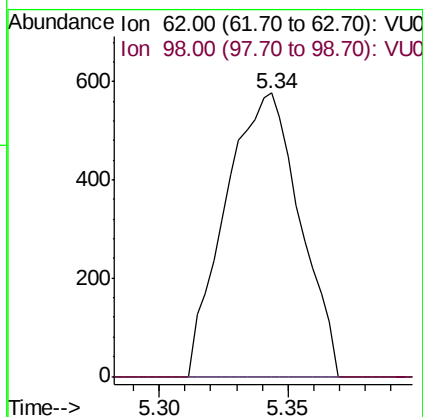
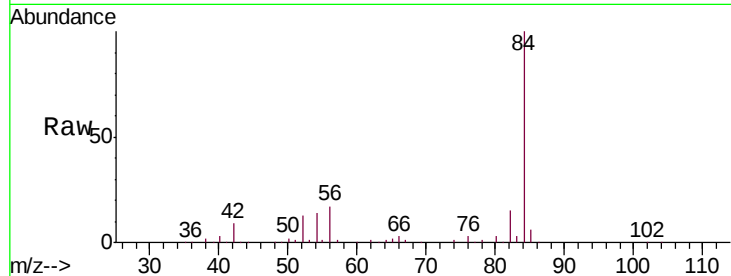
Ion 58.00 (57.70 to 58.70): VU0





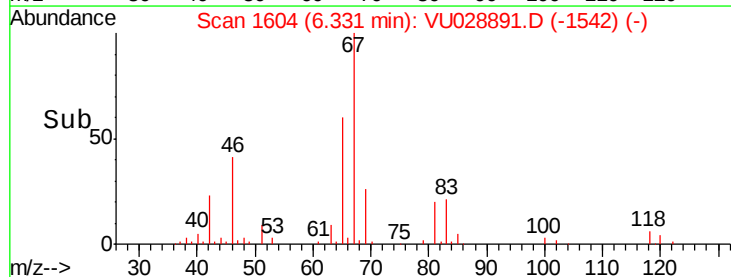
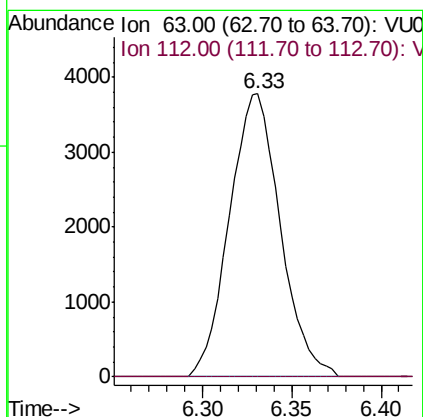
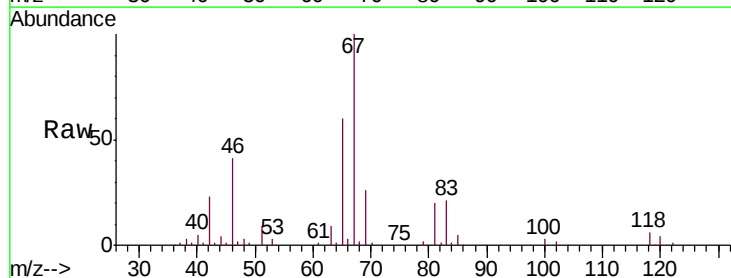
#27
 1,2-Dichloroethane
 Concen: 0.709 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: VU028891.D
 Acq: 21 Dec 2018 22:16

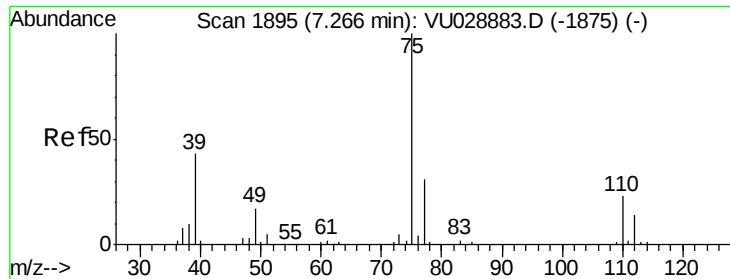
Tgt Ion: 62 Resp: 1158
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#37
 1,2-Dichloropropane
 Concen: 5.205 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028891.D
 Acq: 21 Dec 2018 22:16

Tgt Ion: 63 Resp: 7504
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#

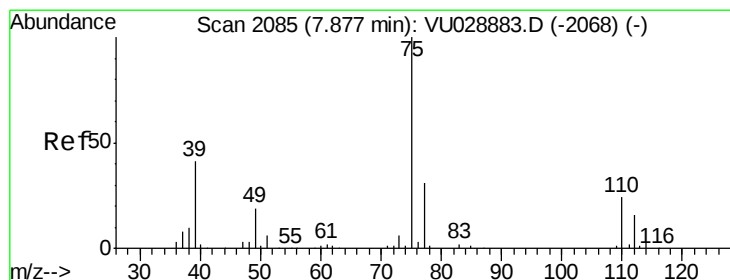
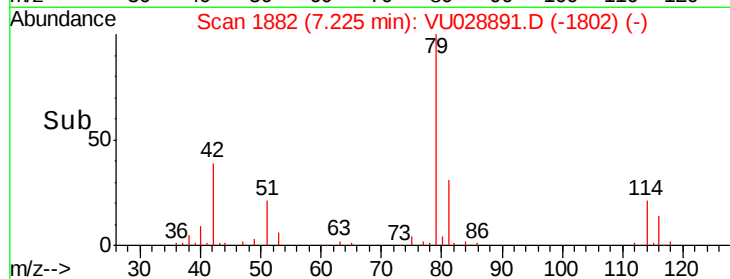
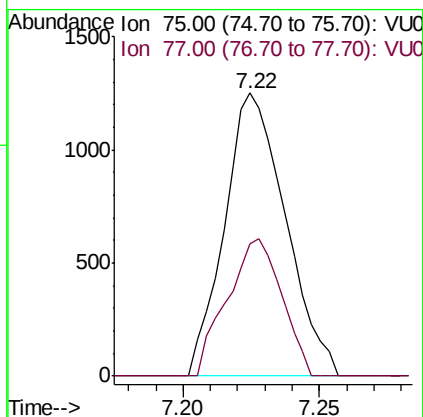
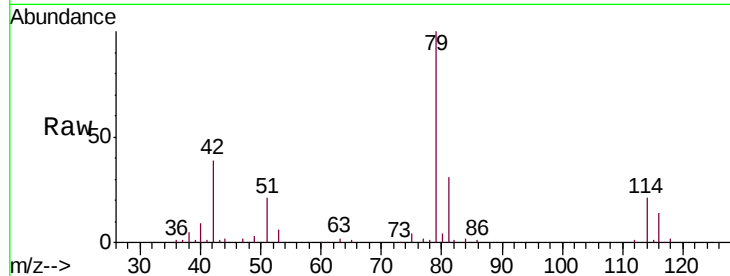




#39

cis-1,3-Dichloropropene
Concen: 0.947 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028891.D
Acq: 21 Dec 2018 22:16

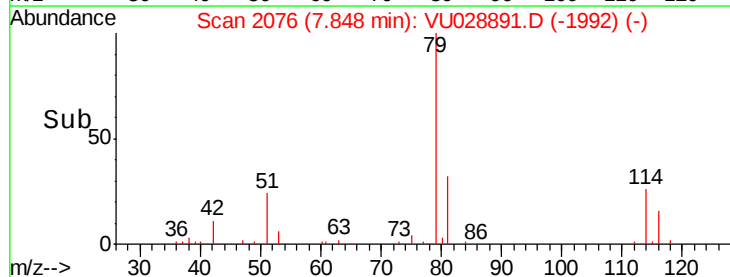
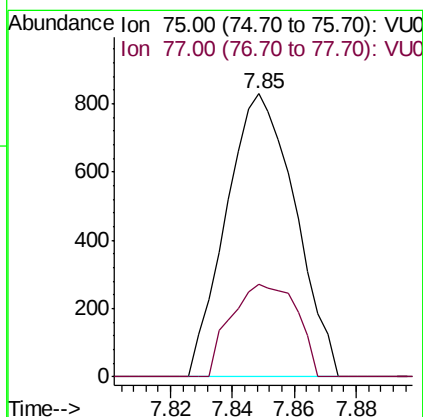
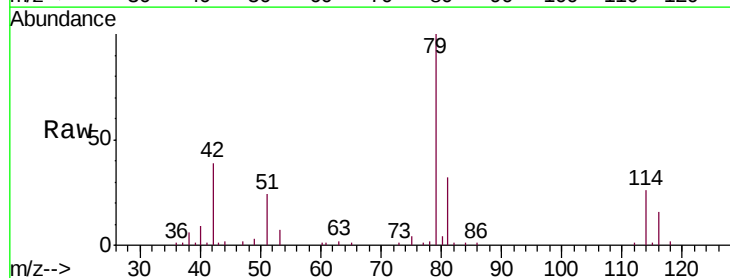
Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
77 46.6 21.8 40.6#

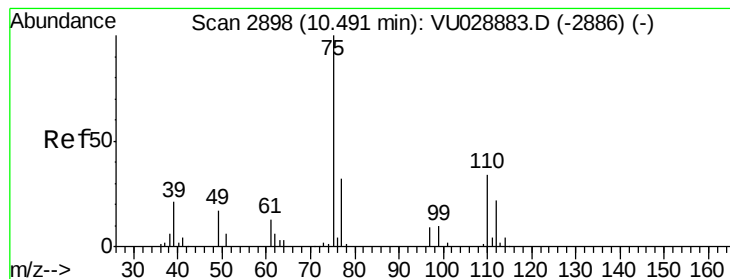


#44

trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028891.D
Acq: 21 Dec 2018 22:16

Tgt Ion: 75 Resp: 1285
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.6

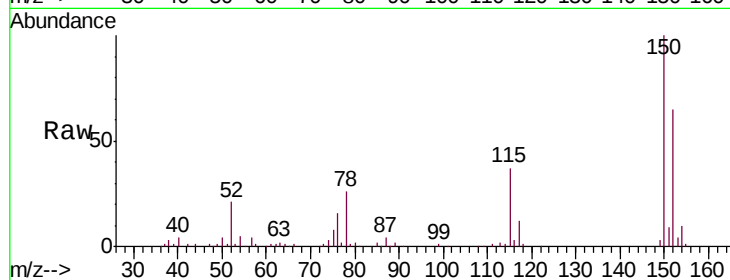




#59

1,2,3-Trichloropropane
 Concen: 4.650 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028891.D
 Acq: 21 Dec 2018 22:16

Tgt Ion: 75 Resp: 8001
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

